Supplemental Investigation
Leaking Underground Storage Tank
Talent Gateway Redevelopment Property
102 and 104 South Pacific Highway, Talent, Oregon
Map and Tax Lot 381W23DC TL 2401, TL 2700, and TL 2800

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February 25, 2021

ALPINE ENVIRONMENTAL CONSULTANTS, LLC

TABLE OF CONTENTS

ATTACHMENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF APPENDICES

LIST OF ACRONYMS AND ABBREVIATIONS

AEC	Alpine Environmental Consultants, LLC
BB&A	Bergeson-Boese Associates
bgs	below ground surface
CSM	Conceptual Site Model
DEQ	Department of Environmental Quality
ESA	Environmental Site Assessment
GW	groundwater
HASP	health and safety plan
ICPMS	Inductively coupled plasma mass spectrometry
LUST	leaking underground storage tank
MCL	Maximum Contaminant Level
MCLG	Maximum Contaminant Level Goals
mg/kg	milligrams per kilogram
MRL	method reporting limit
ODOT	Oregon Department of Transportation
PAHs	polycyclic aromatic hydrocarbons
PCS	petroleum-contaminated soil
PID	photoionization detector
ppm	parts per million
PVC	polyvinyl chloride
RB	rinsate blank
RBDM	Risk-Based Decision Making
REC	recognized environmental condition
RBC	risk-based concentration
SB	soil boring
SMS	Subsurface Mapping Survey
TOD	Talent Irrigation District
TPH	total petroleum hydrocarbon
TPH-d	total petroleum hydrocarbon in diesel-range
TPH-g	total petroleum hydrocarbon in gasoline-range
TPH-o	total petroleum hydrocarbon in oil-range
TURA	Talent Urban Renewal Agency
µg/L	micrograms per liter
USEPA	United States Environmental Protection Agency
UST	underground storage tank
VOCs	volatile organic compounds
WRD	Water Resources Department

1 EXECUTIVE SUMMARY

Alpine Environmental Consultants, LLC (AEC) conducted a Supplemental Investigation for the Leaking Underground Storage Tank (LUST) at the property identified as the Talent Gateway Redevelopment Property, which is addressed as 102 and 104 South Pacific Highway in Talent, Oregon (the Site). The Site is located in Township 38 South, Range 1 West, Section 23 and occupies tax lot (TL) 2401, TL 2700, and TL 2800 (identified as Map and Taxlot 381W23DC TL 2401, TL 2700, and TL 2800). The Site occupies a total of approximately 4.23 acres of partially developed vacant land. The Supplemental LUST Investigation involved site-specific soil and groundwater testing as described in the Work Plan prepared by AEC for the Oregon Department of Environmental Quality (DEQ) and dated August 10, 2020. The Supplemental LUST Investigation was prepared on behalf of the City of Talent (the City) and the Talent Urban Renewal Agency (TURA).

Two underground storage tanks (USTs), located on the northeast corner of the Site, were decommissioned by removal at the Site by M&M Services, LLC (M&M Services) of Medford, Oregon in October 2018. Due to identified residual petroleum contaminants in soil and groundwater, a release was reported to DEQ and LUST incident number 15-18-1358 was allocated to the Site. AEC completed a *Phase II Environmental Site Assessment, UST Decommissioning, And Demolition Activities Report* for the Site dated October 30, 2019 (AEC, 2019).

In an email from DEQ to AEC dated November 21, 2019, DEQ provided comments on the aforementioned report prepared by AEC and requested additional sampling in order to define the full extent of contamination in soil and groundwater in the vicinity and to the north and northeast of the former USTs before DEQ could close LUST file 15-18-1358. The data obtained from additional sampling could also be used to develop a No Further Action (NFA) determination for the Site. AEC prepared a Work Plan for the Supplemental Investigation (AEC, 2020) and submitted it to DEQ on August 10, 2020. After DEQ approved this Work Plan, AEC conducted the Supplemental Investigation of the LUST at the Site on August 19, 2020.

The Supplemental LUST Investigation included soil and groundwater investigations. Three soil borings identified as SB11 through SB13 were advanced using a track-mounted direct-push Geoprobe. The borings were advanced to a depth of 22.0 to 23.0 feet below ground surface (bgs). One soil sample was obtained from each boring from a depth of approximately 7.5 to 8.5 feet bgs, identified as SB11 through SB13. In addition, a duplicate soil sample was obtained from boring SB12, identified as SB12-DUP to be consistent with the *Quality Assurance Project Plan* for the Underground Storage Tanks Program developed by DEQ and dated June 2016 (DEQ, 2016). The photoionization detector (PID) readings for volatile organic compounds (VOCs) ranged between 6.4 ppm and 540 part per million (ppm).

Temporary wells were constructed in each of the three borings, consisting of 1-inch diameter blank polyvinyl chloride (PVC) riser and 10 feet of slotted screen set on the bottom portions of the temporary wells. AEC collected groundwater samples from the temporary wells using a peristaltic pump and disposable polyethylene tubing. The groundwater samples were identified as GW-SB11 through GW-SB13. In addition, a duplicate sample was obtained from the temporary well set in boring SB12, identified as GW-SB12-DUP, and a sample was collected from the rinsate water used to clean the drive shoe of the drilling rod, identified as RB [rinsate blank]. The duplicate groundwater sample and the rinsate blank were collected to be consistent with DEQ's *Quality Assurance Project Plan* for the Underground Storage Tanks Program (DEQ, 2016). Furthermore, a trip blank was analyzed for VOCs. The depths to groundwater measured prior to purging ranged from 8.0 to 8.3 feet bgs.

The soil and groundwater samples were submitted for relevant laboratory analyses to determine if the residual petroleum contaminants are present in soil and groundwater in the northeast corner of the Site and on the northeastern adjacent off-site area at concentrations exceeding potentially applicable generic risk-based concentrations (RBCs) developed by DEQ. The laboratory analyses for all soil and groundwater samples included the following:

- Total petroleum hydrocarbons in diesel-range (TPH-d), oil-range (TPH-o), and gasoline-range (TPH-g);
- Polycyclic aromatic hydrocarbons (PAHs);
- Volatile organic compounds (VOCs); and
- Total lead in the soil samples and total and dissolved lead in the groundwater samples.

Based on an evaluation of the analytical results of the soil and groundwater samples collected at the Site, the concentrations of several constituents in soil and groundwater exceeded generic RBCs for urban residential receptors, occupational receptors, and construction and excavation workers for various pathways. However, potential risks to human health associated with these constituents and exposure pathways can be managed, mitigated, and/or eliminated from further concern.

Based on an evaluation of data collected during the Supplemental Investigation and the preceding Phase II and UST decommissioning activities, as well as the Conceptual Site Model (CSM) developed for the Site, residual petroleum contamination at the Site does not pose any unacceptable risks to occupational receptors. However, residual petroleum contamination in a relatively small area in the northern portion of the Site in the vicinity of where the two decommissioned USTs were located may pose unacceptable risks to urban residential receptors To ensure no human receptors are exposed to unacceptable risks posed by residual petroleum hydrocarbon contamination in this area, AEC recommends this relatively small area of the Site be excluded from urban residential development through a deed restriction or deed notice unless additional characterization, remediation, and/or engineering controls (e.g. vapor barriers) are implemented.

2 INTRODUCTION

On behalf of the City of Talent (the City) and the Talent Urban Renewal Agency (TURA), Alpine Environmental Consultants, LLC (AEC) has prepared this report to present the findings of the Supplemental Leaking Underground Storage Tank (LUST) Investigation conducted at the property at the property identified as Talent Gateway Redevelopment Property and located at 102-104 South Pacific Highway in Talent, Oregon (hereinafter referred to as the Site). The Supplemental LUST Investigation involved subsurface soil and groundwater sampling and site-specific testing as described in the Supplemental Investigation Work Plan prepared by AEC for the Oregon Department of Environmental Quality (DEQ) and dated August 10, 2020 (AEC, 2020).

2.1 Site Description

The Site is addressed as 102 and 104 South Pacific Highway in Talent, Oregon in Township 38 South, Range 1 West, Section 23 and occupies tax lot (TL) 2401, TL 2700, and TL 2800. The Site is identified as Map and Taxlot 381W23DC TL 2401, TL 2700, and TL 2800. The Site occupies a total of approximately 4.23 acres of partially developed vacant land. The neighboring properties are currently being used primarily as residential and commercial properties, right of way public roads, and vacant land. The Site's elevation is approximately 1,600 feet. The topography of the Site and adjacent properties is relatively flat but slopes slightly towards the north and east. Wagner Creek is situated approximately 0.06 miles to the east-southeast. Bear Creek is situated approximately 0.3 miles to the east-northeast of the Site. An irrigation canal is situated approximately 0.7 miles to the southwest of the Site. It is assumed groundwater in the vicinity of the Site flows to the east-northeast towards Bear Creek and/or to the southeast towards Wagner Creek. The Site is illustrated on **Figure 1** and **Figure 2**.

2.2 Site Background

During the period 2016 through 2019, AEC assisted the Talent Urban Renewal Agency (TURA) in evaluating potential environmental impacts at the Site and surrounding properties. This work included the following:

- Completion of a Phase I Environmental Site Assessment (ESA) for Tax Lot 2700, addressed as 102 South Pacific Highway.
- Completion of a Phase I ESA for Tax Lot 2800, addressed as 104 South Pacific Highway.
- Completion of a Phase I ESA for the property occupied by the Talent Irrigation District (TID) located immediately west of the Site.
- Completion of asbestos surveys and asbestos abatement of the structures at 102 and 104 South Pacific Highway prior to demolition.

- TURA oversaw demolition of the structure located at 102 South Pacific Highway and AEC oversaw demolition of the structure located at 104 South Pacific Highway.
- Site-specific Subsurface Mapping Survey (SMS) to identify the potential presence of underground storage tanks.
- Excavation of test pits where the SMS identified anomalies and the identification of two USTs.
- Drilling of 10 soil borings and the installation of 10 temporary wells from which soil and groundwater samples were collected and analyzed to characterize the potential presence of residual petroleum hydrocarbon contamination due to historical petroleum use and storage at the Site and an adjacent property.
- The decommissioning by removal of an approximately 600-gallon underground storage tank (UST) and an approximately 1,000-gallon UST. Prior to decommissioning, liquid and sludge samples were collected from the USTs. Due to identified petroleum release during the decommissioning activities, a LUST incident number was allocated to the Site, namely 15-18-1358.
- Remediation of UST-related petroleum-contaminated soil (PCS) at the Site through excavation, proper off-Site disposal, and backfilling.
- Collection of 15 soil samples and one Pit Water Sample from the UST excavation to characterize residual petroleum hydrocarbon contamination after UST removal and remediation activities.
- Identification and removal of two oil-water separators and associated PCS as part of building foundation removal on the property addressed as 102 South Pacific Highway.
- The work described above was documented in a report prepared by AEC for the City of Talent and DEQ entitled *Phase II Environmental Site Assessment, UST Decommissioning, and Demolition Activities* dated October 30, 2019 (AEC, 2019). This report included development of a Conceptual Site Model, a groundwater Beneficial Use Survey, and a risk evaluation.

In an email from Mr. Chris Richardson of DEQ to Mr. Jonathan Williams of AEC dated November 21, 2020, DEQ provided comments regarding the report prepared by AEC and requested additional characterization of soil and groundwater to better document the extent of contamination before DEQ can close LUST file 15-18-1358. The data obtained from additional sampling could also be used to develop a No Further Action (NFA) determination for the Site. AEC prepared a Supplemental Investigation Work Plan on August 10, 2020 (AEC, 2020). DEQ approved this Work Plan with few comments in an email dated August 12, 2020. Subsequently, AEC conducted the Supplemental LUST Investigation at the Site on August 19, 2020.

The objective of the Supplemental Investigation was to collect additional soil and groundwater quality data in the vicinity and to the north and northeast of the former USTs pit. These additional samples were requested by DEQ for characterization purposes downgradient of the former USTs pit, in the vicinity of South Pacific Highway (Highway 99). The Supplemental LUST Investigation process is presented in **Section 3**.

3 SUPPLEMENTAL LUST INVESTIGATION

The Supplemental LUST Investigation was conducted on August 19, 2020 and included subsurface investigations, specifically soil and groundwater sampling. A summary of the field methods and observations is presented in **Section 3.1** and **Section 3.2**. The analytical results of the soil and groundwater samples and their interpretation are included in **Section 4**. Conclusions and recommendations are presented in **Section 5**. The boring logs are included in **Appendix 1** and photographic documentation is included in **Appendix 2**. The complete laboratory results are included in **Appendix 3**. The location of the Site is shown on **Figure 1** and the soil and groundwater sampling locations are shown on **Figure 2**.

The analytical results of the samples collected during the Supplemental LUST Investigation as well as during the Phase II investigation are summarized for soil samples in **Table 1** through **Table 5** and for groundwater samples in **Table 6** through **Table 9**. In addition, all tables prepared for the Site are included in this report for completeness purposes. **Table 10** through **Table 20** present the results for the soil, UST liquid, and UST pit water samples collected prior to or subsequent to the UST removal. **Table 21** through **Table 26** present the results for the soil samples collected subsequent to the removal of two sumps discovered during the demolition activities at the Site.

In addition to presenting the analytical results, these tables also identify relevant DEQ generic risk-based concentrations (RBCs) for soil and groundwater. The generic RBCs identified in these tables include those for urban residential receptors, occupational receptors, and construction workers which are consistent with the current commercial land use and zoning, and assume urban residential receptors, occupational receptors, and construction workers will be present on the Site. These generic RBCs are also consistent with the anticipated future use of the Site.

The locations of the three borings installed in support of the Supplemental Investigation are illustrated on **Figure 3**. Details regarding the UST decommissioning, including sampling locations, are illustrated on **Figure 4**.

3.1 Soil Investigation

3.1.1 Pre-Drilling

Prior to any subsurface disturbances, the underground infrastructure of pipes, mains, and utility lines were located at the Site. AEC contacted the Utility Notification Center in order to locate and trace any potential public underground utilities. In addition, AEC contacted Mr. Bennie Moore of Rogue Locating, LLC of Butte Falls, Oregon to visit the Site and identify any private underground pipes, mains, or utility lines that may be located on the Site in the vicinity of proposed soil boring locations.

Prior to any subsurface disturbances, AEC also contacted Mr. Bret Marshall, the Public Works Director for the City, to gain a better understanding of underground utility corridors in the vicinity of the where the USTs were located (see **Figure 3** and **Figure 4**). Specifically, AEC was interested to know about any underground utility corridors along West Valley View Road and/or South Pacific Highway proximal to the where the USTs were located that were completed at depths below approximately 7 feet below grade. Underground utilities at this depth or deeper could have an impact on the transport of LUST-related contamination to the north and east of where the USTs were located. AEC reviewed the information provided by Mr. Marshall, which suggests no underground utility corridors in this area extend to depths of 7 feet or more.

3.1.2 Push-Probe Soil Sampling

On August 19, 2020, AEC supervised the advancement of three soil borings at the Site. The soil borings were advanced by Bergeson-Boese Associates (BB&A) of Coburg, Oregon using a track-mounted Geoprobe drilling rig. Soil samples, lithologic characterization, and field screening were logged every 5 feet, or more frequently at changes in lithology or visual contamination, by Mr. Toby Shallcross, Project Geologist of AEC. Field screening for the presence of volatile organic compounds (VOCs) in soil was conducted during drilling activities using a photoionization detector (PID). The lithology of the soil, visual observations, PID readings, and depth of the collected samples are included on the boring logs, located in **Appendix 1**.

The three borings, identified as SB11 through SB13, were advanced proximal to the former USTs pit to a depth of approximately 22.0 to 23.0 feet bgs. Boring SB11 was advanced off-site and along the Site's northern boundary, to the north of the USTs pit. Soil sample SB11 was collected from a depth of approximately 8.0 to 8.5 feet bgs. Boring SB12 was advanced off-site and along the Site's northern boundary, to the northeast of the USTs pit. Soil sample SB12 was collected from a depth of approximately 7.5 to 8.0 feet bgs. Boring SB13 was advanced on-site and along the Site's northeastern boundary, to the east of the USTs pit. Soil sample SB13 was collected from a depth of approximately 7.5 to 8.0 feet bgs. These soil samples were collected from the interval with the highest PID reading of the retrieved soil cores. The locations of these soil borings are shown on **Figure 2** and the photographic documentation is included in **Appendix 2**.

The lithology at the Site consists of a mixture of silt, sand, clay, and gravel (silty clay, clayey silt, sandy silt, silty sand, gravelly sand, and gravelly silt) to the maximum drilled depth of 23.0 feet bgs. The PID readings ranged between 6.4 ppm and 540 ppm. Petroleum-like odor was identified in boring SB12 at a depth of approximately 7.5 to 10.0 feet bgs and in boring SB13 at a depth of approximately 7.5 to 9.0 feet bgs.

An increase in moisture content was visually identified in the boring cuttings at an approximate depth of 16.0 feet bgs in boring SB11, 15.0 feet bgs in boring SB12, and 11.0 feet bgs in boring SB13. This moisture content was suggestive of groundwater saturation.

All soil samples were collected directly from the acrylic sleeves deployed by the drill rig. Each soil sample was placed into laboratory supplied containers. Soil samples collected for the analyses total petroleum hydrocarbons (TPH) in gasoline-range (TPH-g) and VOCs were collected directly from the push-probe rods' acrylic liners using disposable soil syringes (Terra Core Kit) in accordance with the USEPA Method 5035 and USEPA Method 8260B, and placed directly into laboratory-supplied containers. These soil samples were not homogenized in order to minimize volatilization of VOCs. The remaining soil sample volume was placed in a new disposable plastic bag and homogenized. Larger sized material (i.e., gravel greater than approximately ¼ to ½ inch in diameter) was removed by hand. The soil samples were then transferred to appropriate laboratory-supplied containers. Lithologies for the soil samples are described in the boring logs presented in **Appendix 1.**

Following completion of sampling at each boring, the boreholes were abandoned using bentonite chips. Before and between the drilling of each boring and at the completion of the project, down-hole drilling equipment was decontaminated using a self-contained pressure washing unit provided by the driller. No re-usable equipment was used in the field for sample collection besides the drill rods, and drill shoe, which were decontaminated under AEC supervision between borings and sampling.

All of the soil cuttings not collected for laboratory analyses and the water generated from sampling or cleansing and decontaminating the drilling equipment was placed in labeled 5-gallon buckets and properly disposed of off-Site after receiving the analytical results.

3.1.3 Soil Laboratory Analyses

All soil samples were placed in iced coolers and submitted to Apex Laboratories, LLC (Apex Laboratories) in Tigard, Oregon using standard AEC chain-of-custody protocols. The soil samples were analyzed for the following constituents:

- TPH in diesel-range (TPH-d) and oil-range (TPH-o) by DEQ Method NWTPH-Dx;
- TPH-g by DEQ Method NWTPH-Gx;
- Polycyclic aromatic hydrocarbons (PAHs) by USEPA Method 8270E;
- VOCs by EPA Method 5035A/8260D; and
- Total lead by EPA Method 6020A with inductively coupled plasma mass spectrometry (ICPMS).

A copy of the final analytical laboratory report for the Site analytical soil results is included in **Appendix 3**. The analytical results for soil samples collected as part of this Supplemental LUST Investigation are summarized in **Table 1** through **Table 3** and in **Table 5.** The TPHs results are presented in **Table 1**, the PAHs in **Table 2**, the VOCs in **Table 3**, and the metals in **Table 5.** In addition to presenting the analytical results, these tables also identify relevant DEQ generic risk-based concentrations (RBCs) for soil. The methods used to develop RBCs are described in DEQ's guidance entitled Risk-Based Decision Making (RBDM) for the Remediation of Contaminated Sites (DEQ, 2017). The generic RBCs identified in this table are consistent with

the current commercial land use and zoning, and assume urban residential receptors, occupational receptors, and construction workers will be present on the Site. These generic RBCs for urban residential receptors, occupational receptors, and construction workers are also consistent with the anticipated future use of the Site.

3.2 Groundwater Investigation

3.2.1 Push-Probe Drilling and Groundwater Sampling

On August 19, 2020, subsequent to the advancement of soil borings SB11 through SB13, a temporary well was installed in each boring. The temporary wells were constructed of 1-inch diameter polyvinyl chloride (PVC) casing with a 10-foot PVC 0.020-inch slotted screen set on the bottom of the wells.

Upon the installation of the PVC casing and screen, the boreholes had some minor slough. The final depths of the screens were 9.6 to 19.6 feet bgs in temporary well SB11, 9.7 to 19.7 feet bgs in temporary well SB12, and 13.0 to 23.0 feet bgs in temporary well SB13.

AEC purged each temporary well using a peristaltic pump and disposable polyethylene tubing in order to lower the turbidity prior to sampling. Approximately 3 gallons of water were purged from temporary well SB11 and 2 gallons were purged from temporary wells SB12 and SB13 prior to collecting the groundwater samples. Turbidity of the groundwater improved significantly after purging, but some turbidity was still visible when the groundwater samples were collected from all three temporary wells. Subsequent to well purging, AEC measured the depth to groundwater in each temporary well. The depth to water was 8.1 feet bgs in temporary well SB11, 8.0 feet bgs in temporary well SB12, and 8.3 feet bgs in temporary well SB13.

AEC collected groundwater samples from the temporary wells using a peristaltic pump and disposable polyethylene tubing. The intakes of the tubing were placed at the approximate midpoint of the water columns. One duplicate sample was collected from temporary well SB12, identified as GW-SB12-DUP. In addition, a sample was collected from the rinsate water used to clean the drive shoe of the drilling rod, by pouring clean deionized water over the drive shoe after it was decontaminated. This sample was labeled as RB [rinsate blank]. The groundwater samples and rinsate blank sample were collected and contained in appropriately preserved, laboratory prepared sample bottles and labeled with unique sample identification (i.e. GW-SB11, GW-SB12, GW-SB13, GW-SB12-DUP, and RB). The water samples analyzed for dissolved lead analysis were filtered in the field using disposable 0.45-micron filters.

At the conclusion of groundwater sampling, the PVC temporary well casings were removed and the boreholes were backfilled (plugged) with 3/8-inch diameter hydrated bentonite chips consistent with relevant Oregon WRD well decommissioning rules.

3.2.2 Groundwater Laboratory Analyses

The water samples were placed in iced coolers and submitted to Apex Laboratories using standard AEC chain-of-custody protocols. All water samples were submitted for all of the following analyses:

- TPH-d and TPH-o by DEQ Method NWTPH-Dx;
- TPH-g by DEQ Method NWTPH-Gx;
- PAHs by USEPA Method 8270E;
- VOCs by EPA Method 8260D;
- Total and dissolved lead by USEPA Method 6020A with ICPMS.

A copy of the final analytical laboratory report for the Site analytical groundwater results is included in **Appendix 3**. The analytical results for groundwater samples are summarized in **Table 6** through **Table 9.** The TPHs results are presented in **Table 6**, the PAHs in **Table 7**, the VOCs in **Table 8**, and the total and dissolved lead in **Table 9. Table 6** through **Table 9** also identify relevant DEQ generic RBCs for groundwater. The generic RBCs identified in these tables are consistent with the current commercial land use and zoning, and assume urban residential receptors, occupational receptors, and construction workers will be present on the Site. These generic RBCs for urban residential receptors, occupational receptors, and construction workers are also consistent with the anticipated future use of the Site.

4 DATA EVALUATION

4.1 Soil

The soil samples analytical results are included in **Appendix 3** and summarized in **Table 1** through **Table 3** and in **Table 5**. The analytical results reported several constituents at concentrations that exceeded the laboratory method reporting limits (MRLs) in several soil samples. These constituents were further compared to relevant generic RBCs, including the following receptors and exposure pathways: the urban residential receptors, occupational receptors, construction workers, and excavation workers *ingestion, dermal contact, and inhalation exposure pathway*; the urban residential receptors and occupational receptors *volatilization to outdoor air exposure pathway*; the urban residential receptors and occupational receptors *vapor intrusion into buildings exposure pathway*; and the urban residential receptors and occupational receptors *leaching to groundwater exposure pathway*. The reported data are summarized in the following paragraphs.

4.1.1 Total Petroleum Hydrocarbons

The laboratory results reported no TPH-d, TPH-o, and TPH-g at concentrations above the laboratory MRLs in soil sample SB11 and no TPH-o in soil samples SB12, SB13, and DUP-SB12.

TPH-d was reported above the laboratory MRL in soil sample SB12 at a concentration of 2,880 milligrams per kilogram (mg/kg), in the duplicate soil sample SB12-DUP at 2,830 mg/kg, and in soil sample SB13 at a concentration of 4,570 mg/kg. These concentrations exceeded the generic RBC for the *ingestion, dermal contact and inhalation exposure pathway* for urban residential receptors of 2,500 mg/kg.

TPH-g was reported above the laboratory MRL in soil samples SB12 at a concentration of 814 mg/kg, in the duplicate soil sample SB12-DUP at 462 mg/kg, and in soil sample SB13 at a concentration of 140 mg/kg. These concentrations exceeded the generic RBC for the *vapor intrusion into buildings exposure pathway* for urban residential receptors of 94 mg/kg and the generic RBCs for the *leaching to groundwater exposure pathway* for urban residential and occupational receptors of 31 mg/kg and 130 mg/kg, respectively.

All of the MRLs for TPH-d, TPH-o, and TPH-g were below the relevant generic RBCs. The TPHs soil results are summarized in **Table 1**.

4.1.2 Polycyclic Aromatic Hydrocarbons

The laboratory results reported several PAHs at concentrations above the laboratory MRLs all soil sample. The reported concentrations were below relevant generic applicable RBCs. All

PAHs MRLs were below relevant generic RBCs with the exception of the MRL for naphthalene in soil sample SB13 which was elevated due to coeluting organic compounds as noted by the analytical laboratory. The PAHs soil results are summarized in **Table 2**.

4.1.3 Volatile Organic Compounds

The laboratory results reported several VOCs at concentrations that exceeded the laboratory MRLs in soil samples SB12 and SB13. Only naphthalene in soil sample SB13, reported at a concentration of 0.737 mg/kg, exceeded the generic RBCs for the *leaching to groundwater exposure pathway* for urban residential and occupational receptors of 0.37 mg/kg and 0.34 mg/kg, respectively.

Several VOCs MRLs exceeded the relevant generic RBCs, specifically the occupational RBCs for the *leaching to groundwater exposure pathway*. The VOCs soil results are summarized in **Table 3**.

4.1.4 Total Lead

The analytical results reported lead at concentrations that exceeded the laboratory MRLs in all analyzed soil samples. The concentrations of lead ranged between 2.01 mg/kg and 2.80 mg/kg. These concentrations were below the generic applicable RBCs. The total lead soil results are summarized in **Table 5**.

4.2 Groundwater

The laboratory analytical results of the groundwater samples, included in **Appendix 3** and summarized in **Table 6** through **Table 9,** reported several constituents at concentrations that exceeded the laboratory MRLs in several groundwater samples. These constituents were further compared to the generic applicable RBCs, including the following receptors and exposure pathways: the urban residential receptors and occupational receptors *ingestion and inhalation from tapwater exposure pathway*; the urban residential receptors and occupational receptors *volatilization to outdoor air exposure pathway*; the urban residential receptors and occupational receptors *vapor intrusion into buildings exposure pathway*; and the construction and excavation workers *groundwater in excavation exposure pathway*. The reported data are summarized in the following paragraphs.

4.2.1 Total Petroleum Hydrocarbons

The laboratory results reported no TPH-g or TPH-d at concentrations above the laboratory MRLs in groundwater sample GW-SB11 and no TPH-d, TPH-o, and TPH-g in the rinsate blank sample.

TPH-o was reported above the laboratory MRLs in groundwater sample GW-SB11 at a concentration of 244 milligrams per liter (µg/L), which exceeded the RBCs for the *ingestion and inhalation from tapwater exposure pathway* for urban residential receptors of 100 µg/L.

TPH-d was reported above the laboratory MRLs in groundwater sample GW-SB12 at a concentration of 63,400 µg/L, in the duplicate groundwater sample GW-SB12-DUP at 5,440 µg/L, and in groundwater sample GW-SB13 at a concentration of 93,500 µg/L. These concentrations exceeded the generic RBCs for the *ingestion and inhalation from tapwater exposure pathway* for urban residential receptors and occupational receptors of 100 µg/L and 430 µg/L, respectively.

TPH-g was reported above the laboratory MRLs in groundwater sample GW-SB12 at a concentration of 795 µg/L, in the duplicate groundwater sample GW-SB12-DUP at 754 µg/L, and in groundwater sample GW-B13 at a concentration of 6,380 µg/L. These concentrations exceeded the generic RBCs for the *ingestion and inhalation from tapwater exposure pathway* for urban residential and occupational receptors of 110 µg/L and 450 µg/L, respectively.

The TPH-o MRLs exceeded the relevant generic RBCs, specifically the *ingestion and inhalation from tapwater exposure pathway* for urban residential and occupational receptors. The TPHs groundwater results are summarized in **Table 6.**

4.2.2 Polycyclic Aromatic Hydrocarbons

The laboratory results reported several PAHs at concentrations above the laboratory MRLs in groundwater samples GW-SB11, GW-SB12, and GW-SB13. The reported concentrations were below the generic applicable RBCs, with the exception of naphthalene. Naphthalene was reported in groundwater sample GW-SB12 at a concentration of 19.3 µg/L, in the duplicate groundwater sample GW-SB12-DUP at 17.7 µg/L, and in groundwater sample GW-SB13 at a concentration of 207 µg/L. These concentrations exceeded the generic RBCs for the *ingestion and inhalation from tapwater exposure pathway* for urban residential and occupational receptors of 0.78 µg/L and 0.72 µg/L, respectively. Several PAHs MRLs exceeded relevant generic RBCs, specifically the occupational RBCs for the *ingestion and inhalation from tapwater exposure pathway*. The PAHs groundwater results are summarized in **Table 7**.

No PAHs were reported in the rinsate blank sample.

4.2.3 Volatile Organic Compounds

The laboratory results reported several VOCs at concentrations above the laboratory MRLs in the analyzed groundwater samples. The concentrations of benzene and naphthalene exceeded the generic applicable RBCs.

Benzene was reported in groundwater sample GW-SB12 at a concentration of 8.61 µg/L, in the duplicate sample GW-SB12-DUP at 8.88 µg/L, and in groundwater sample GW-SB13 at a concentration of 4.9 µg/L. These concentrations exceeded the generic RBCs for the *ingestion and inhalation from tapwater exposure pathway* for urban residential and occupational receptors of 2.0 µg/L and 2.1 µg/L, respectively.

Naphthalene was reported in groundwater sample GW-SB12 at a concentration of 29.7 µg/L, in the duplicate groundwater sample GW-SB12-DUP at 29.4 µg/L, and in groundwater sample

GW-SB13 at a concentration of 528 µg/L. These concentrations exceeded the generic RBCs for the *ingestion and inhalation from tapwater exposure pathway* for urban residential and occupational receptors of 0.78 µg/L and 0.72 µg/L, respectvively. In addition, the concentration of naphthalene in groundwater sample GW-SB13 also exceeded the *groundwater in excavation exposure pathway* for construction and excavation workers of 500 µg/L.

A trip blank was analyzed for VOCs. The trip blank was prepared by the analytical laboratory and was shipped with the sample containers from the lab. The trip blank was kept with all of the other sample containers throughout the field work and returned to the laboratory for VOCs analyses. No VOCs were reported in the trip blank or the rinsate blank.

Several VOCs MRLs exceeded the relevant generic RBCs, specifically the occupational RBCs for the *ingestion and inhalation from tapwater exposure pathway*. The VOCs groundwater results are summarized in **Table 8**.

4.2.4 Total Lead

The laboratory results reported total lead concentrations above the laboratory MRLs in all analyzed groundwater samples. The total lead concentrations were 26.2 µg/L in GW-SB11, 46.0 µg/L in GW-SB12, 35.6 µg/L in the duplicate groundwater sample GW-SB12-DUP, and 18.7 µg/L in GW-SB13. All these concentrations exceeded the *ingestion and inhalation from tapwater exposure pathway* for urban residential and occupational receptors of 15 µg/L. Total lead was not reported in the rinsate blank. The total metals groundwater results are summarized in **Table 9**.

4.2.5 Dissolved Metals

The groundwater samples submitted for dissolved lead analyses were filtered in the field using disposable 0.45-micron filters and the suspended solids were removed from the sample. The laboratory results reported no dissolved lead at concentrations above the laboratory MRLs. The dissolved metals groundwater results are summarized in **Table 9**. The lack of reported concentrations of dissolved lead indicate the total lead data are biased high and associated with the suspended sediment in the slightly turbid groundwater samples analyzed for total lead.

4.3 Quality Control

In addition to the laboratory quality control documented in the analytical laboratory report included in **Appendix 3**, field quality assurance and quality control was completed through the collection and laboratory analyses of a duplicate soil sample, a duplicate groundwater sample, and an equipment rinsate blank. The collection and laboratory analyses of the duplicate samples and rinsate blank were conducted consistent with DEQ's Quality Assurance Project Plan (DEQ, 2016).

The analytical data for soil sample SB12 and the duplicate soil sample SB12-DUP were generally similar with the exception of a relatively significant difference of the reported TPH-g

concentrations. TPH-g was reported in soil sample SB12 at a concentration of 814 mg/kg and in the duplicate sample at a concentration of 462 mg/kg.

The analytical data of the groundwater sample GW-SB12 and the duplicate groundwater sample GW-SB12-DUP were also generally similar, with the exception of the reported concentrations of TPH-d. TPH-d was reported in groundwater sample GW-SB12 at a concentration of 63,400 µg/L and in the duplicate sample at a concentration of 5,440 µg/L, which is a significant difference.

The analytical data for the rinsate blank and the trip blank samples reported no analytes at concentrations above the laboratory MRLs. These results indicate that decontamination procedures in the field were satisfactory and that cross contamination of the VOCs sample containers did not occur in the field or during transport.

5 CONCLUSIONS AND RECOMMENDATIONS

The Supplemental LUST Investigation conducted at the Site included the advancement of three borings by push-probe drilling, the installation of temporary wells in these borings, the collection of three soil samples (SB11, SB12, and SB13), and the collection of three groundwater samples (GW-SB11, GW-SB12, and GW-SB13). In support of field quality control, a soil duplicate sample was collected from soil boring SB12 (SB12-DUP), a duplicate groundwater sample was collected from temporary well SB12 (GW-SB12-DUP), a rinsate blank was collected from the rinsate water used to clean the drive shoe of the drilling rod (RB), and a trip blank was submitted for VOCs analyses.

The soil and groundwater samples were analyzed for the following constituents:

- TPH-d and TPH-o by DEQ Method NWTPH-Dx;
- TPH-g by DEQ Method NWTPH-Gx;
- PAHs by EPA Method 8270E;
- VOCs by EPA Method 8260D; and
- Total and/or dissolved lead by USEPA Method 6020A with ICPMS.

Based on an evaluation of the analytical results of the soil samples collected at the Site, the following exceedances were reported:

- The concentrations of TPH-d reported in soil samples SB12 (2,880 mg/kg) and SB13 (4,570 mg/kg) exceeded the generic RBC for the *ingestion, dermal contact and inhalation exposure pathway* for urban residential receptors (2,500 mg/kg).
- The concentrations of TPH-g reported in soil samples SB12 (814 mg/kg) and SB13 (140 mg/kg) exceeded the generic RBCs for the *vapor intrusion into buildings exposure pathway* for urban residential receptors (94 mg/kg), and the generic RBCs for the *leaching to groundwater exposure pathway* for urban residential receptors (31 mg/kg) and occupational receptors (130 mg/kg).
- The concentration of naphthalene in soil sample SB13 (0.737 mg/kg) exceeded the generic RBCs for the *leaching to groundwater exposure pathway* for urban residential receptors (0.37 mg/kg) and occupational receptors (0.34 mg/kg).

Based on an evaluation of the analytical results of the groundwater samples collected at the Site, the following exceedances were reported:

- The concentrations of TPH-o reported in groundwater sample GW-SB11 (244 µg/L) exceeded the generic RBC for the *ingestion and inhalation from tapwater exposure pathway* for urban residential receptors (100 µg/L).

- The concentrations of TPH-d reported in groundwater samples GW-SB12 (63,400 µg/L) and GW-SB13 (93,500 µg/L) exceeded the generic RBCs for the *ingestion and inhalation from tapwater exposure pathway* for urban residential receptors (100 µg/L) and for occupational receptors (430 µg/L).
- The concentrations of TPH-g reported in groundwater samples GW-SB12 (795 µg/L) and GW-SB13 (6,380 µg/L) exceeded the generic RBCs for the *ingestion and inhalation from tapwater exposure pathway* for urban residential receptors (110 µg/L) and for occupational receptors (450 µg/L).
- The concentrations of naphthalene reported by PAHs analysis in groundwater samples GW-SB12 (19.3 µg/L) and GW-SB13 (207 µg/L) exceeded the generic RBCs for the *ingestion and inhalation from tapwater exposure pathway* for urban residential receptors (0.78 µg/L) and occupational receptors (0.72 µg/L).
- The concentrations of naphthalene reported by VOCs analysis in groundwater samples GW-SB12 (29.7 µg/L) and GW-SB13 (528 µg/L) exceeded the generic RBCs for the *ingestion and inhalation from tapwater exposure pathway* for urban residential receptors (0.78 µg/L) and occupational receptors (0.72 µg/L). The concentration of naphthalene in groundwater sample GW-SB13 also exceeded the generic RBC for the *groundwater in excavation exposure pathway* for construction and excavation workers (500 µg/L).
- The concentrations of benzene reported in groundwater samples GW-SB12 (8.61 µg/L) and GW-SB13 (4.9 µg/L) exceeded the generic RBCs for the *ingestion and inhalation from tapwater exposure pathway* for urban residential receptors (2.0 µg/L) and occupational receptors (2.1 µg/L).
- The concentrations of total lead reported in groundwater samples GW-SB11 (26.2 µg/L), GW-SB12 (46.0 µg/L), and GW-SB13 (18.7 µg/L) exceeded the *ingestion and inhalation from tapwater exposure pathway* for urban residential and occupational receptors (15 µg/L).

The reported concentrations of the soil and groundwater duplicate samples were similar with the original samples, though some significant differences were recorded regarding the TPH-d concentrations. The TPH-d concentration in the duplicate soil sample (462 mg/kg) was approximately half the concentration reported in the original sample (814 mg/kg). The TPH-d concentration in the duplicate groundwater sample (5,440 µg/L) was much lower than the reported concentration in the original sample (63,400 µg/L). The analytical data for the rinsate blank and the trip blank samples reported no analytes at concentrations above the laboratory MRLs. These results indicate that decontamination procedures in the field were satisfactory and that cross contamination of the VOCs sample containers did not occur in the field or during transport.

While generic RBCs for urban residential receptors, occupational receptors, and construction and excavation workers were exceeded for the aforementioned constituents and exposure pathways, potential risks to human health associated with these constituents and exposure pathways can be managed, mitigated, and/or eliminated from further concern, as follows:

1. The *soil ingestion, dermal contact, and inhalation exposure pathway* for urban residential and occupational receptors applies to contaminants found in the top three feet of soil. TPH-d was present in soil samples collected from approximately 7.5 to 8.5 feet bgs, and therefore below the DEQ's applicable interval of 0 to 3 feet bgs. Accordingly, the s*oil ingestion, dermal contact, and inhalation exposure pathway* for urban residential and occupational receptors does not pose an unacceptable risk at the Site and adjacent northeastern curb area and TPH-d in soil can be eliminated from further concern regarding this exposure pathway at the investigated locations.

2. The *vapor Intrusion into buildings exposure pathway* for urban residential receptors applies whenever vadose zone soils and groundwater are contaminated with volatile compounds and are located beneath or within 100 feet of a residential building (urban residential receptors). TPH-g was reported in soil at concentrations that exceeded the RBCs for this exposure pathway for urban residential receptors. These contaminants were reported in the northeastern portion of the Site. The Site's future development plan will exclude the construction of structures in the northeast portion of the Site to be used by urban residential receptors, which includes the historical fueling area and decommissioned USTs. Urban residential construction in this area is unlikely due to the proximity of this area to relatively high volumes of traffic along West Valley View Road and South Pacific Highway set-back and line-of-sight requirements developed by the Oregon Department of Transportation (ODOT). Furthermore, a deed restriction or deed notice preventing residential development in the northeast portion (which includes the location of soil sample SB13 and the nearby location of the off-site samples SB11 and SB12) will be recorded for the Site. Therefore, the *vapor intrusion into buildings exposure pathway* for urban residential receptors does not pose an unacceptable risk at the Site and adjacent northeastern curb area, and TPH-g can be eliminated from further concern regarding this exposure pathway at the investigated locations.

3. The *groundwater in excavation exposure pathway* for construction and excavation workers applies whenever workers could be exposed to residual contaminants during construction activities involving groundwater contact. Naphthalene was reported in groundwater at a concentration that exceeded the generic RBC for this exposure pathway for construction and excavation workers. In the event of any construction activities involving the disturbance of soil and encounter of groundwater in the northeast portion of the Site and adjacent off-site area, a health and safety plan (HASP) should be prepared and all workers should be informed of the residual petroleum contamination present in groundwater. Personal protective equipment might be necessary, depending on the type of work and exposure time.

4. The *leaching to groundwater exposure pathway* and *ingestion and inhalation from tapwater exposure pathway apply* whenever vadose zone contamination is found overlying an aquifer and/or groundwater contamination is found in an aquifer that is currently used or is reasonably likely to be used in the future. TPH-g and naphthalene were reported in soil at concentrations that exceeded the RBCs for this exposure pathway for urban residential and occupational receptors. TPH-g, TPH-o, TPH-d, naphthalene, benzene, and total lead were reported in groundwater at concentrations that exceeded the RBCs for this exposure pathway for urban residential receptors.

TPH-g, TPH-d, naphthalene, benzene, and total lead were reported in groundwater at concentrations that exceeded the RBCs for this exposure pathway for occupational receptors. However, no supply wells are known to be present at the Site or neighboring properties, the Site and the surrounding properties are provided with municipal water, and it is highly likely they will continue to use municipal water; therefore, it is reasonable and likely to assume future occupants of the Site and northeastern adjacent properties could not be exposed to these contaminants in soil and groundwater. For that reason, the *leaching to groundwater exposure pathway and the ingestion and inhalation from tapwater exposure pathway* is not considered to be an unacceptable risk at the Site and northeastern adjacent off-site area, and is eliminated from further concern. A map illustrating the results of a groundwater beneficial use survey is included as **Figure 5**, and details regarding the Beneficial Use Survey are included in AEC's *Phase II Environmental Site Assessment, UST Decommissioning, And Demolition Activities Report* (AEC, 2019).

Based on an evaluation of data collected during the Supplemental Investigation and the preceding Phase II and UST decommissioning activities, as well as the CSM developed for the Site, residual petroleum contamination at the Site does not pose any unacceptable risks to occupational receptors. However, residual petroleum contamination in a relatively small area in the northern portion of the Site in the vicinity of where the two decommissioned USTs were located may pose unacceptable risks to urban residential receptors (see **Figure 6**). To ensure no human receptors are exposed to unacceptable risks posed by residual petroleum hydrocarbon contamination in this area, AEC recommends this relatively small area of the Site be excluded from urban residential development through a deed restriction or deed notice unless additional characterization, remediation, and/or engineering controls (e.g. vapor barriers) are implemented. The distance from the area of residual petroleum contamination to the nearest downgradient buildings across South Pacific Highway exceeds 100 feet and it is unlikely residual petroleum contamination at concentrations exceeding relevant generic RBCs has traveled that far.

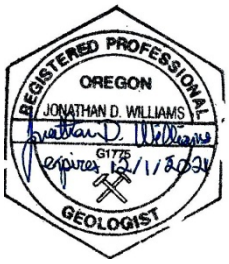
In conjunction with the aforementioned deed restriction or deed notice, AEC respectfully requests DEQ issue a conditional NFA letter for the Site. AEC also respectfully requests DEQ close LUST file 15-18-1358.

Please feel free to contact Jonathan Williams at 541-944-4685 or jwilliams@alpine-env-llc.com if you have any questions about this Supplemental LUST Investigation report.

Sincerely,

Alpine Environmental Consultants, LLC

Jonathan D. Williams, R.G.
Senior Hydrogeologist



Antonela Vadan, R.G.
Project Geologist

6 REFERENCES

Alpine Environmental Consultants, LLC (AEC). October 30, 2019. *Phase II Environmental Site Assessment, UST Decommissioning, and Demolition Activities Report.* (AEC, 2019).

AEC. August 10, 2020. *Work Plan for Supplemental Leaking Underground Storage Tank Investigation*. (AEC, 2020)

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Oregon DEQ. September 22, 2003, updated October 2, 2017. *Risk-Based Decision Making for the Remediation of Contaminated Sites*. Environmental Cleanup and Tanks Program, Oregon DEQ. (DEQ, 2017).

Oregon DEQ. March 2013. *Development of Oregon Background Metals Concentrations in Soil*, Technical report. Land Quality Division, Cleanup Program. (DEQ, 2013).

7 LIMITATIONS

The purpose of an environmental assessment is to reasonably evaluate the potential for or actual impact of past practices on a given site area. In performing an environmental assessment, it is understood that a balance must be struck between a reasonable inquiry into the environmental issues and an exhaustive analysis of each conceivable issue of potential concern. This environmental assessment contains professional opinions as to the environmental issues of concern and/or additional actions, which may be addressed to the property. In rendering its professional opinion, we warrant that services provided hereunder were performed, within the limits described, consistent with current generally accepted environmental consulting principles and practices. No other warranty, express or implied, is made. The following paragraphs discuss the assumptions and parameters under which such an opinion is rendered.

No investigation is thorough enough to exclude the presence of hazardous materials at a given site. If hazardous conditions have not been identified during the assessment, such a finding should not therefore be construed as a guarantee of the absence of such materials on the site, but rather as the result of the services performed within the scope, limitations, and cost of the work performed.

Any opinions or recommendations presented apply to site conditions existing when services were performed. We are unable to report on or accurately predict events that may change the site conditions after the described services are performed, whether occurring naturally or caused by external forces. We assume no responsibility for conditions we were not authorized to investigate, or conditions not generally recognized as environmentally unacceptable when services were performed.

Environmental conditions may exist at the site that cannot be identified by visual observation. Where the scope of services was limited to observations made during site reconnaissance, interviews, review of readily available reports and literature or any combination, any conclusions or recommendations or both are necessarily based in part on information supplied by others, the accuracy or sufficiency of which we may not have independently reviewed.

Where subsurface work was performed, our professional opinions are based in part on interpretation of data from discrete sampling locations that may not represent actual conditions at unsampled locations.

Except where there is express concern of our client, or where specific environmental contaminants have been previously reported by others, naturally occurring toxic substances, potential environmental contaminants inside buildings, or contaminant concentrations that are not of current environmental concern may not be reflected in this document.

We are not responsible for any potential impact of changes in applicable environmental standards, practices, or regulations following performance of services, on the conclusions or recommendations, or both, of the study.

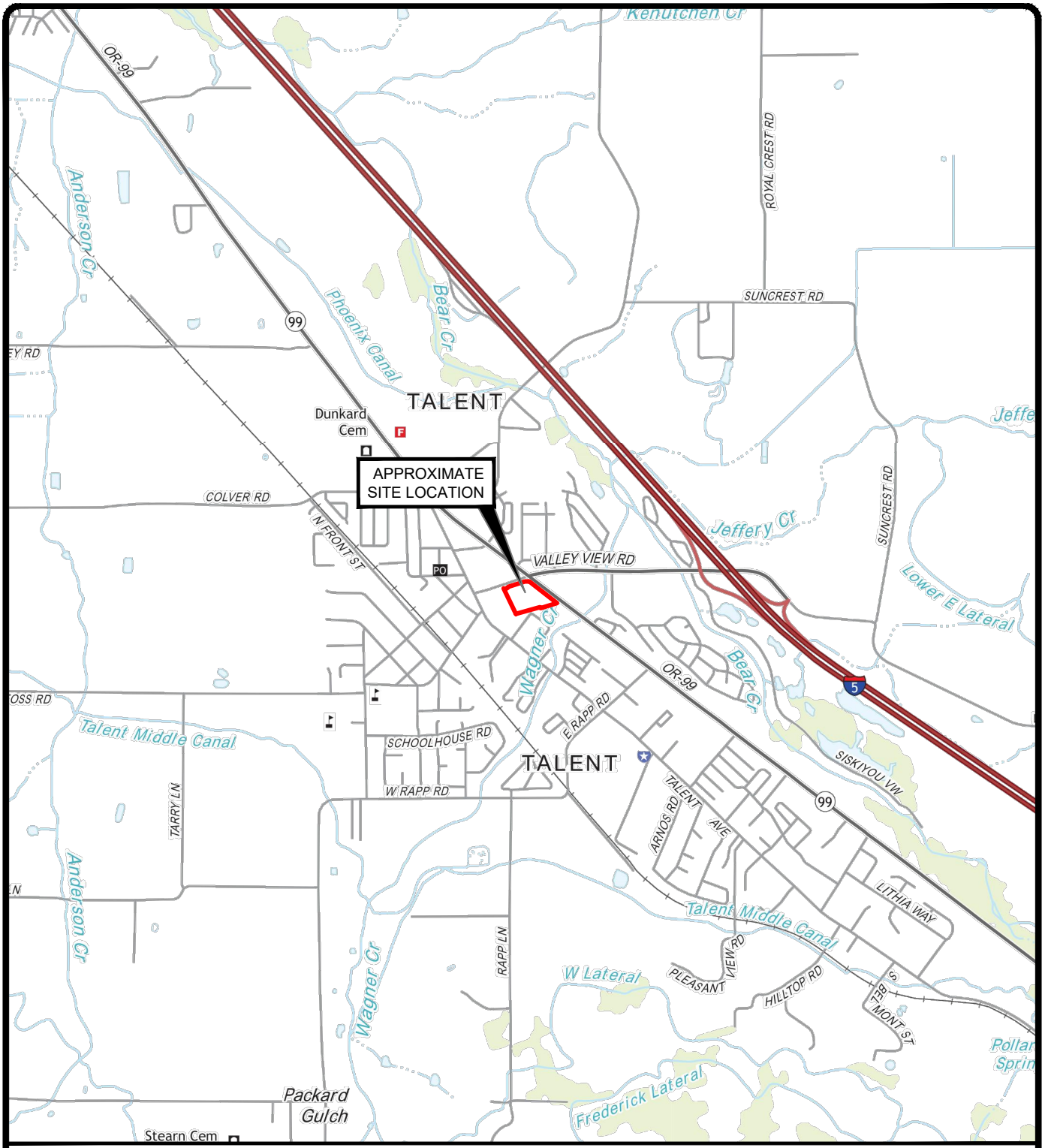
Services hereunder were performed consistent with our agreement and understanding with, and solely for the use of, our client. Opinions and recommendations are intended for the client, purpose, site, location, time frame, and project parameters indicated. We are not responsible for subsequent separation, detachment, or partial use of this document. Any reliance on this report by a third party shall be at such party's sole risk.

8 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Mr. Jonathan Williams received a Bachelor of Science degree in Geology, with honors, from Duke University in 1987. He has over 28 years experience working with geologic and environmental reports, including Phase I ESAs. Mr. Williams has been a Registered Geologist in the State of Oregon since 1996, and has 40-hour HAZWOPER training.

Ms. Antonela Vadan holds a Bachelor of Arts and Science in Earth and Environmental Sciences from the University of Illinois at Chicago. She has over 18 years of experience in both the private and public sector. Ms. Vadan has conducted multiple Phase I ESAs. Additional project activities have included risk assessments, remedial investigations/feasibility studies, soil and groundwater investigations, and indoor air quality investigations. Ms. Vadan is a Registered Geologist in the States of Oregon and Washington and has 40-hour HAZWOPER training.

FIGURES



SOURCE: U.S.G.S. 7.5 MINUTE TOPOGRAPHIC QUADRANGLE
TALENT, OREGON AND MEDFORD, EAST, OREGON (2014)

SCALE FEET
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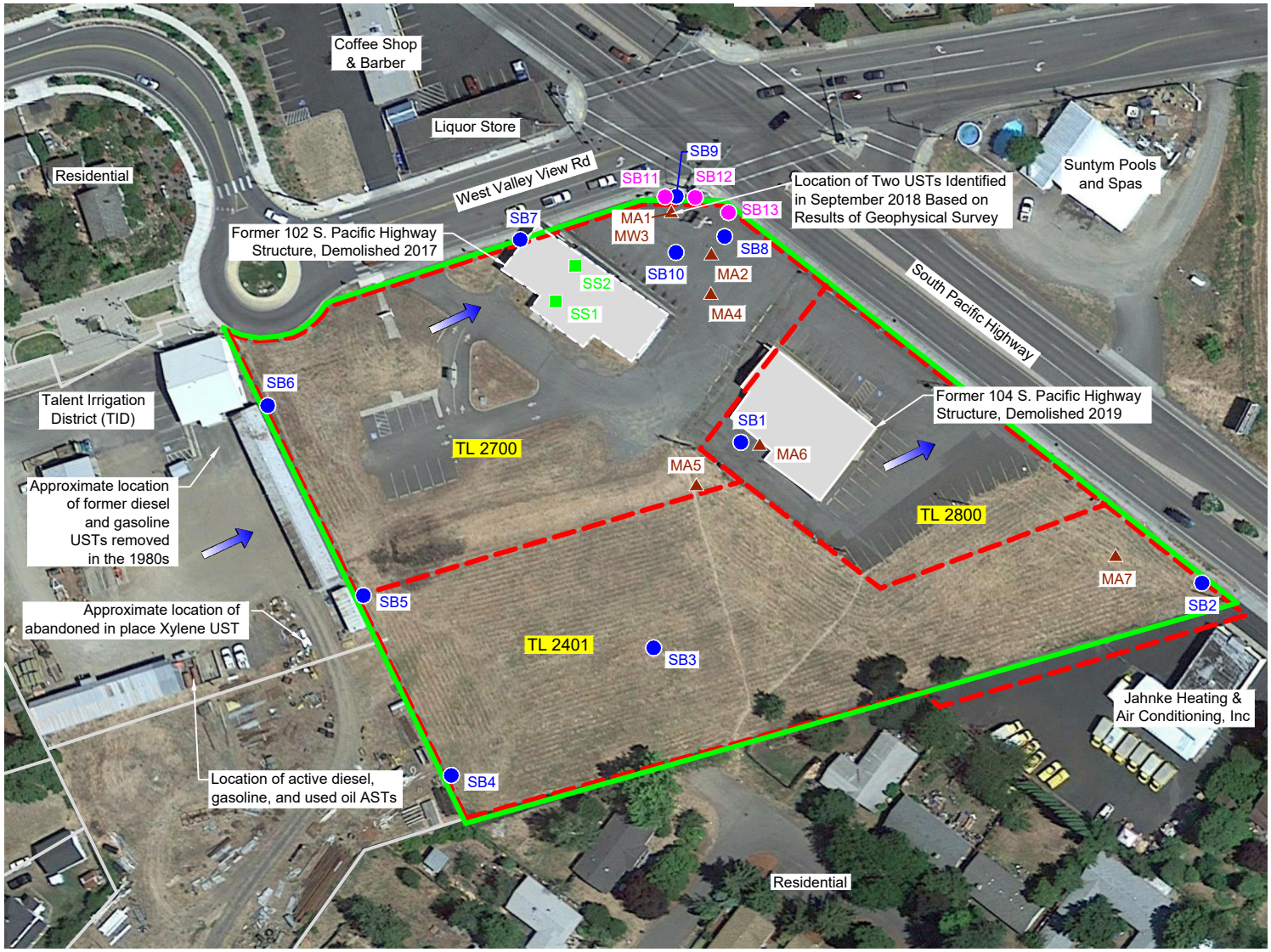
ALPINE ENVIRONMENTAL CONSULTANTS, LLC

DATE: 10/3/19 DRAWN BY: SRM

Figure 1
Site Location Map
Phase II Investigation and UST Decommissioning
102 and 104 South Pacific Highway
Talent, Oregon



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LEGEND

- Approximate Tax Lot Boundaries
- Approximate Boundary of Subsurface Mapping Survey
- Inferred Groundwater Flow Direction
- UST — Underground Storage Tank
- AST — Above GroundStorage Tank
- SB11 — Soil Boring, August 2020
- SB1 — Soil Boring, October 2018
- MA1 — Magnetic Anomaly
- SS1 — Soil Sample for Sumps

SOURCE: GOOGLE EARTH (2018)

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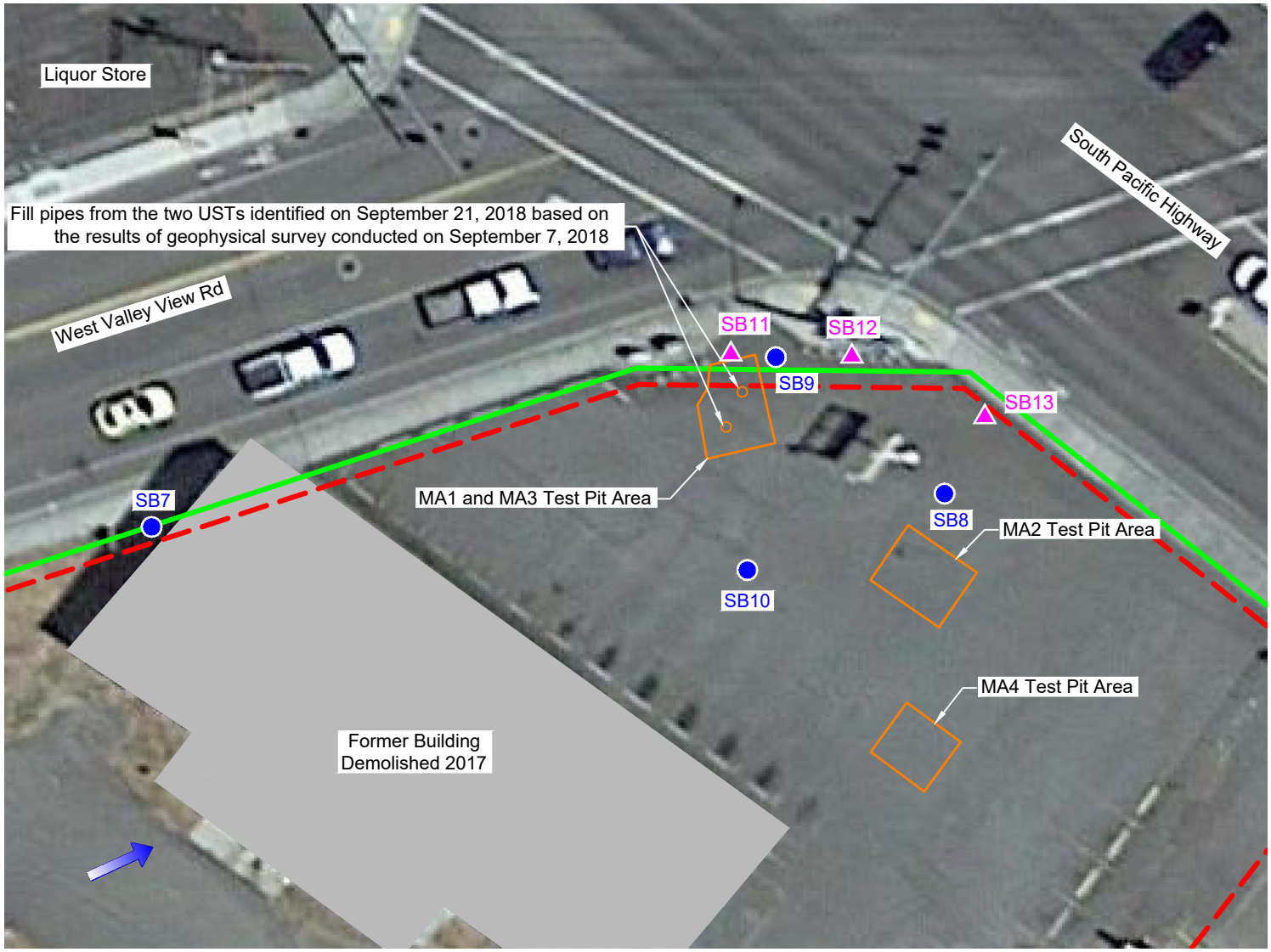
0 120 240

ALPINE ENVIRONMENTAL CONSULTANTS, LLC

DATE: 2/18/21 DRAWN BY: SRM

Figure 2
Site Map
Phase II Investigation and UST Decommissioning
102 and 104 South Pacific Highway
Talent, Oregon



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- SB11 ▲ Soil Boring, August 2020
- SB8 ● Soil Boring, October 2018
- Approximate Tax Lot Boundaries
- Approximate Boundary of Subsurface Mapping Survey
- Inferred Groundwater Flow Direction
- UST Underground Storage Tank
- AST Above GroundStorage Tank

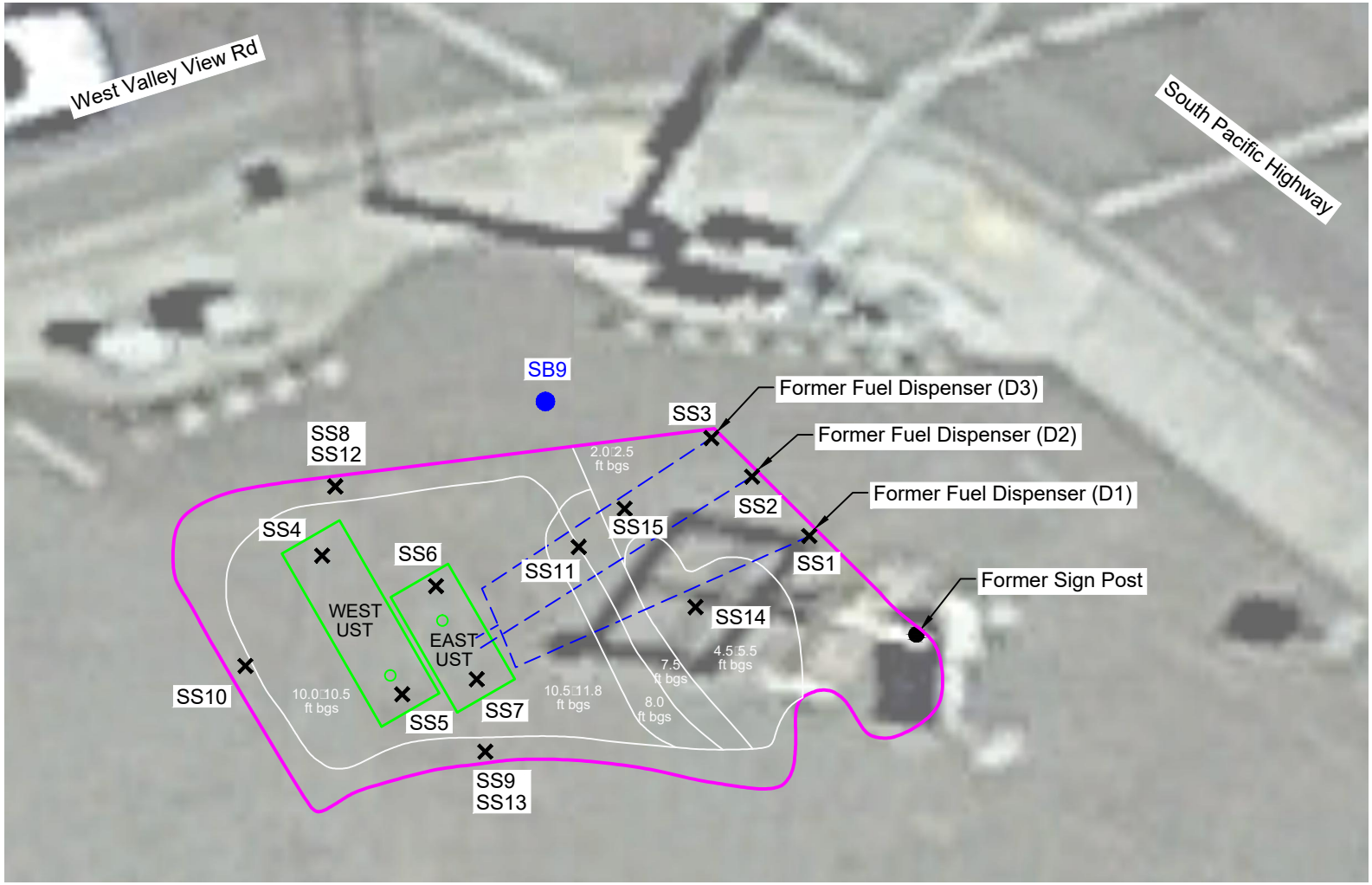
SOURCE: GOOGLE EARTH (2018)

SCALE FEET
0 30 60

ALPINE ENVIRONMENTAL CONSULTANTS, LLC

DATE: 2/18/21 DRAWN BY: SRM

Figure 3
Site Map - Northeast Corner Focus
Supplemental Phase II Investigation
Soil Boring Locations
102 and 104 South Pacific Highway
Talent, Oregon



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- SB9 ● Soil Boring
- SS1 ✕ Soil Sample for UST Decommissioning
- Approximate Limit of Excavation
- Former Fuel Line
- UST Underground Storage Tank
- ft bgs Feet Below Ground Surface

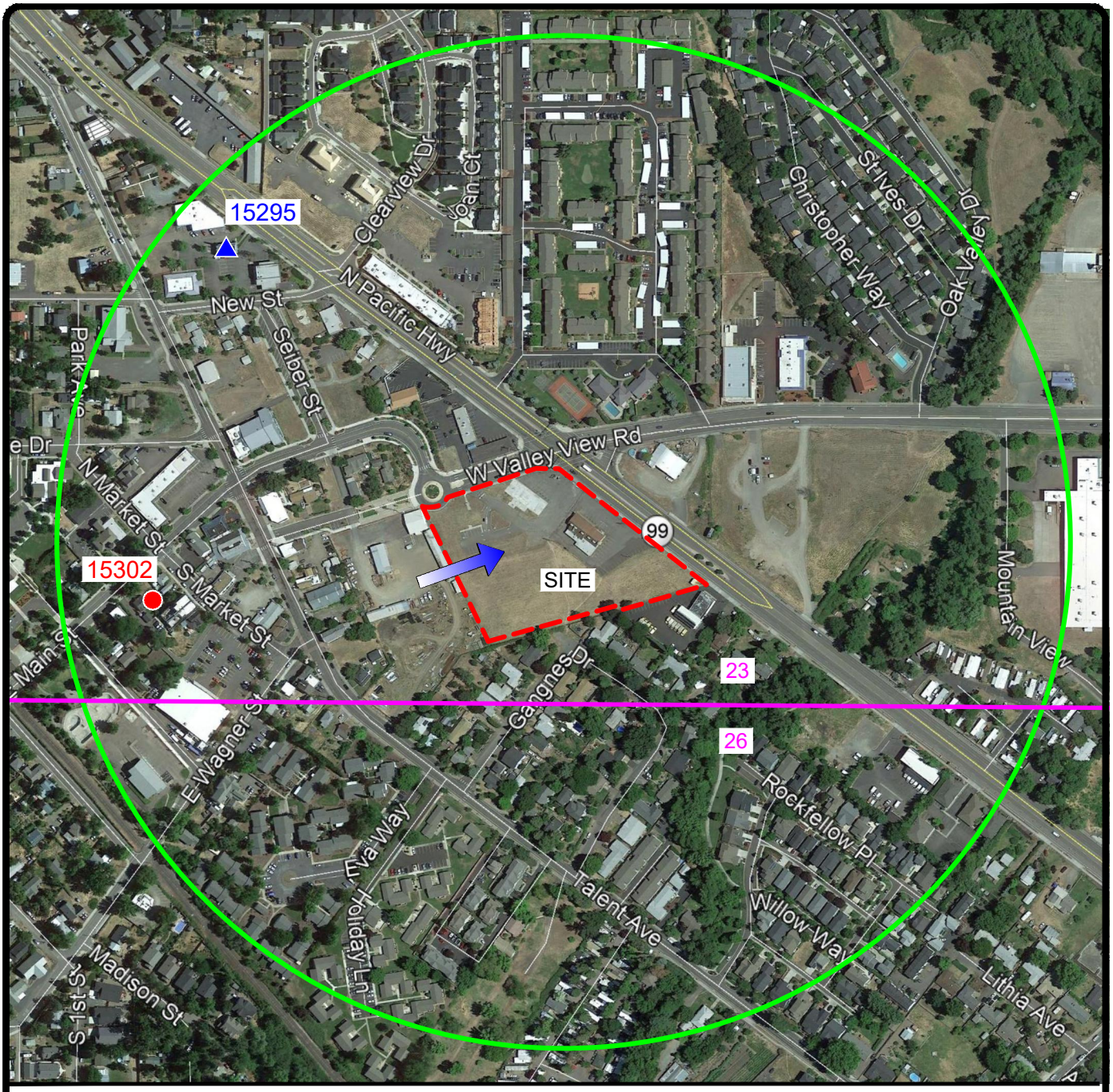
SOURCE: GOOGLE EARTH (2018)

SCALE FEET
0 10 20

ALPINE ENVIRONMENTAL CONSULTANTS, LLC

DATE: 10/3/19 DRAWN BY: SRM

Figure 4
UST Excavation and Sample Location Map
Phase II Investigation and UST Decommissioning
102 and 104 South Pacific Highway
Talent, Oregon



SOURCE: GOOGLE EARTH (2018)

LEGEND

15295 ▲	Domestic Well Log Number
15302 ●	Irrigation Well Log Number
○	1/4 Mile Radius from Site Location
23 / 26	Section Line and Desingation
→	Inferred Groundwater Flow Direction

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ALPINE ENVIRONMENTAL CONSULTANTS, LLC

DATE: 10/4/19 DRAWN BY: SRM

Figure 5
Groundwater Beneficial Use Map
Phase II Investigation and UST Decommissioning
102 and 104 South Pacific Highway
Talent, Oregon

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LEGEND

- Proposed Urban Residential Development Deed Restriction Area
- Approximate Tax Lot Boundaries
- Approximate Boundary of Subsurface Mapping Survey
- Inferred Groundwater Flow Direction
- UST — Underground Storage Tank
- AST — Above GroundStorage Tank
- SB11 — Soil Boring, August 2020
- SB1 — Soil Boring, October 2018
- MA — Magnetic Anomaly
- SS1 — Soil Sample for Sumps

SOURCE: GOOGLE EARTH (2018)

SCALE FEET
0 100 200

ALPINE ENVIRONMENTAL CONSULTANTS, LLC

DATE: 2/18/21 DRAWN BY: SRM

Figure 6
Proposed Residential Development Deed Restriction Area
Phase II Investigation and UST Decommissioning
102 and 104 South Pacific Highway
Talent, Oregon

TABLES

Table 1. Soil Samples Analytical Results - Total Petroleum Hydrocarbons (TPHs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	DEQ Risk-Based Concentrations for Soil (a)										Test Pit Samples				
	Ingestion, Dermal Contact and Inhalation (b)				Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Leaching to Groundwater (e)		MA1&3 (f)	MA2	MA4	MA5	MA6
											NE corner	NE Area	NE Area	W of Restaurant	W Adjacent Restaurant
											(1.0-2.5 ft bgs)	(1.0-4.5 ft bgs)	(1.0-4.0 ft bgs)	(0.0-2.5 ft bgs)	(2.0-5.0 ft bgs)
Parameter	URB. RES.	OCC.	CONST. WORKER	EXC. WORKER	URB. RES.	OCC.	URB. RES.	OCC.	URB. RES.	OCC.	09/21/18	09/21/18	09/21/18	09/21/18	09/21/18
TPHs (mg/kg) **DEQ Method NWTPH-Dx & NWTPH-Gx**															
Diesel-range	2,500	14,000	4,600	>Max	>Max	>Max	>Max	>Max	9,500	>Max	**62.2 F-19**	25.0U	25.0U	25.0U	25.0U
Oil-range	2,500	14,000	4,600	>Max	>Max	>Max	>Max	>Max	9500	>Max	**384 F-16**	50.0U	50.0U	50.0U	50.0U
Gasoline-range	2,500	20,000	9,700	>Max	5,900	69,000	94	>Max	31	130	**3,790**	6.64U	6.07U	6.90U	5.85U

See notes on next page.

Table 1. Soil Samples Analytical Results - Total Petroleum Hydrocarbons (TPHs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	Push-Probe Samples										
	SB1	SB2	SB3	SB4	SB5	SB6	SB7	SB8	SB9	SB9-12	SB10
	W Adjacent Restaurant	SE Corner	South-Central Area	SW Corner	Along W Boundary	NW Corner	Along N Boundary	NE Area Along E Boundary	NE Corner	NE Corner	NE Area
	(4.0-6.0 ft bgs)	(11.0-12.0 ft bgs)	(9.75-11.0 ft bgs)	(18.0-19.0 ft bgs)	(6.0-8.0 ft bgs)	(17.0-18.0 ft bgs)	(13.0-14.0 ft bgs)	(8.5-9.5 ft bgs)	(9.0-10.0 ft bgs)	(10.0-12.0 ft bgs)	(9.0-11.0 ft bgs)
Parameter	10/01/18	10/01/18	10/01/18	10/01/18	10/01/18	10/02/18	10/02/18	10/02/18	10/02/18	10/02/18	10/02/18
TPHs (mg/kg) DEQ Method NWTPH-Dx & NWTPH-Gx											
Diesel-range	25.0U	25.0U	25.0U	25.0U	25.0U	25.0U	25.0U	**3,490**	**81.7 F-20**	25.5U	25.0U
Oil-range	50.0U	50.0U	50.0U	50.0U	50.0U	50.0U	50.0U	421U	50.0U	51.0U	**87.7**
Gasoline-range	5.58U	5.00U	5.82U	5.35U	6.03U	5.30U	6.03U	**206 F-13**	**3,030**	**19.2**	5.30U

See notes on next page.

Table 1. Soil Samples Analytical Results - Total Petroleum Hydrocarbons (TPHs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	Push-Probe Samples			
	SB11	SB12	SB12-DUP	SB13
	ROW, to the north of the former USTs	ROW, to the northeast of the former USTs	ROW, to the northeast of the former USTs	ROW, to the east of the former USTs
	(8.0-8.5 ft bgs)	(7.5-8.0 ft bgs)	(7.5-8.0 ft bgs)	(7.5-8.0 ft bgs)
Parameter	08/19/20	08/19/20	08/19/20	08/19/20
TPHs (mg/kg) DEQ Method NWTPH-Dx & NWTPH-Gx				
Diesel-range	25.0U	**2,880**	**2,830**	**4,570**
Oil-range	50.0U	225U	224U	465U
Gasoline-range	4.57U	**814**	**462**	**140**

See notes on next page.

Table 1. Soil Samples Analytical Results - Total Petroleum Hydrocarbons (TPHs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

Analytical data in bold font indicates that the value exceeds the laboratory's method reporting limit.

Analytical data highlighted in yellow indicates the value exceeded a generic RBC.

Sample highlighted in grey indicates the soil in that location was excavated and disposed of at Dry Creek Landfill.

Data Qualifiers:

F-13 - The chromatographic pattern does not resemble the fuel standard used for quantitation.

F-16 - Results for oil are estimated due to overlap from the reported diesel result.

F-19 - Results are Estimated due to the presence of multiple fuel products.

F-20 - Result for Diesel is estimated due to overlap from Gasoline Range Organics or other VOCs.

U - The analyte was analyzed for, but was not detected above the analytical laboratory's limit of quantitation.

Footnotes:

(a) Risk-Based Concentrations are referenced from the May 2018 update to the DEQ's Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites guidance document dated September 2003.

(b) This pathway is applicable anytime someone is likely to come into contact with contaminated soil. For the occupational scenario, exposure to contaminated soils should be considered for all contaminants found in the top three feet of soil.

(c) This pathway is applicable whenever vadose zone soils are contaminated with volatile compounds.

(d) This pathway is applicable whenever vadose zone soils contaminated with volatile compounds are located beneath or within 10 feet of a commercial building or beneath or within 50 feet of a residential

(e) This pathway is applicable whenever vadose zone contamination is found overlying an aquifer that is currently used or is reasonably likely to be used in the future for drinking water.

(f) The soil in the location of MA1&3 sample was removed during the UST decommissioning activities and disposed of at Dry Creek Landfill in November 2018.

Symbols/Acronyms:

bgs - below ground surface

CONST. WORKER - construction worker receptor

>Csat - The soil RBC exceeds the limit of three-phase equilibrium partitioning. Soil concentrations in excess of this value indicate free product might be present.

DEQ - Department of Environmental Quality

EXC. WORKER - excavation worker receptor

ft - feet

>Max - The constituent RBC for this pathway is greater than 1,000,000 mg/Kg or 1,000,000 mg/L. Therefore, these substances are not expected to pose risks in the scenario shown.

mg/kg - milligrams per kilogram

NA - Sample was not analyzed for this analyte.

RBC - risk-based concentration

OCC. - occupational receptors

URB. RES. - residential receptors

UST - underground storage tank

Table 2. Soil Samples Analytical Results - Polycyclic Aromatic Hydrocarbons (PAHs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	DEQ Risk-Based Concentrations for Soil (a)										Test Pit Samples				
	Ingestion, Dermal Contact and Inhalation (b)				Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Leaching to Groundwater (e)		MA1&3 (f)	MA2	MA4	MA5	MA6
											NE corner	NE Area	NE Area	W of Restaurant	W Adjacent Restaurant
											(1.0-2.5 ft bgs)	(1.0-4.5 ft bgs)	(1.0-4.0 ft bgs)	(0.0-2.5 ft bgs)	(2.0-5.0 ft bgs)
Parameter	URB. RES.	OCC.	CONST. WORKER	EXC. WORKER	URB. RES.	OCC.	URB. RES.	OCC.	URB. RES.	OCC.	09/21/18	09/21/18	09/21/18	09/21/18	09/21/18
PAHs (mg/kg) USEPA Method 8270D SIM															
Acenaphthene	9,400	70,000	21,000	590,000	>Max	>Max	>Max	>Max	>Csat	>Csat	0.0541U	NA	NA	NA	NA
Acenaphthylene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0541U	NA	NA	NA	NA
Anthracene	47,000	350,000	110,000	>Max	>Max	>Max	>Max	>Max	>Csat	>Csat	0.0541U	NA	NA	NA	NA
Benz(a)anthracene	2.5	21	170	4,800	>Csat	>Csat	>Csat	>Csat	6.0	>Csat	0.0541U	NA	NA	NA	NA
Benzo(a)pyrene	0.25	2.1	17	490	NV	NV	NV	NV	>Csat	>Csat	0.0541U	NA	NA	NA	NA
Benzo(b)fluoranthene	2.5	21	170	4,900	NV	NV	NV	NV	>Csat	>Csat	0.0541U	NA	NA	NA	NA
Benzo(k)fluoranthene	11	210	1,700	49,000	NV	NV	NV	NV	>Csat	>Csat	0.0541U	NA	NA	NA	NA
Benzo(g,h,i)perylene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0541U	NA	NA	NA	NA
Carbazole	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
Chrysene	250	2,100	17,000	490,000	NV	NV	NV	NV	>Csat	>Csat	0.0541U	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.25	2.1	17	490	NV	NV	NV	NV	>Csat	>Csat	0.0541U	NA	NA	NA	NA
Dibenzofuran	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0541U	NA	NA	NA	NA
Fluoranthene	4,800	30,000	10,000	280,000	NV	NV	NV	NV	>Csat	>Csat	0.0541U	NA	NA	NA	NA
Fluorene	6,300	47,000	14,000	390,000	>Max	>Max	>Max	>Max	>Csat	>Csat	0.0541U	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	2.5	21	170	4,900	NV	NV	NV	NV	>Csat	>Csat	0.0541U	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	**1.51**	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	**2.58**	NA	NA	NA	NA
Naphthalene	25	23	580	16,000	15	83	15	83	0.37	0.34	**4.73**	NA	NA	NA	NA
Phenanthrene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0541U	NA	NA	NA	NA
Pyrene	1,800	23,000	7,500	210,000	>Csat	>Csat	>Csat	>Csat	>Csat	>Csat	0.0541U	NA	NA	NA	NA

See notes on next page.

Table 2. Soil Samples Analytical Results - Polycyclic Aromatic Hydrocarbons (PAHs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	Push-Probe Samples										
	SB1	SB2	SB3	SB4	SB5	SB6	SB7	SB8	SB9	SB9-12	SB10
	W Adjacent Restaurant	SE Corner	South-Central Area	SW Corner	Along W Boundary	NW Corner	Along N Boundary	NE Area Along E Boundary	NE Corner	NE Corner	NE Area
	(4.0-6.0 ft bgs)	(11.0-12.0 ft bgs)	(9.75-11.0 ft bgs)	(18.0-19.0 ft bgs)	(6.0-8.0 ft bgs)	(17.0-18.0 ft bgs)	(13.0-14.0 ft bgs)	(8.5-9.5 ft bgs)	(9.0-10.0 ft bgs)	(10.0-12.0 ft bgs)	(9.0-11.0 ft bgs)
Parameter	10/01/18	10/01/18	10/01/18	10/01/18	10/01/18	10/02/18	10/02/18	10/02/18	10/02/18	10/02/18	10/02/18
PAHs (mg/kg) USEPA Method 8270D SIM											
Acenaphthene	0.00974U	NA	NA	NA	0.0105U	0.0108U	NA	0.662U, R-02	0.0263U, R-02	0.0123U	0.00934U
Acenaphthylene	0.00974U	NA	NA	NA	0.0105U	0.0108U	NA	0.305U, R-02	0.0186U, R-02	0.0123U	0.00934U
Anthracene	0.00974U	NA	NA	NA	0.0105U	0.0108U	NA	0.147U, R-02	0.0110U	0.0123U	0.00934U
Benz(a)anthracene	0.00974U	NA	NA	NA	0.0105U	0.0108U	NA	0.0105U	0.0110U	0.0123U	0.00934U
Benzo(a)pyrene	0.00974U	NA	NA	NA	0.0105U	0.0108U	NA	0.0105U	0.0110U	0.0123U	0.00934U
Benzo(b)fluoranthene	0.00974U	NA	NA	NA	0.0105U	0.0108U	NA	0.0105U	0.0110U	0.0123U	0.00934U
Benzo(k)fluoranthene	0.00974U	NA	NA	NA	0.0105U	0.0108U	NA	0.0105U	0.0110U	0.0123U	0.00934U
Benzo(g,h,i)perylene	0.00974U	NA	NA	NA	0.0105U	0.0108U	NA	0.0105U	0.0110U	0.0123U	0.00934U
Carbazole	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	0.00974U	NA	NA	NA	0.0105U	0.0108U	NA	0.0263U, R-02	0.0110U	0.0123U	0.00934U
Dibenz(a,h)anthracene	0.00974U	NA	NA	NA	0.0105U	0.0108U	NA	0.0105U	0.0110U	0.0123U	0.00934U
Dibenzofuran	0.00974U	NA	NA	NA	0.0105U	0.0108U	NA	0.336U, R-02	0.0110U	0.0123U	0.00934U
Fluoranthene	0.00974U	NA	NA	NA	0.0105U	0.0108U	NA	**0.0742**	0.0110U	0.0123U	0.00934U
Fluorene	0.00974U	NA	NA	NA	0.0105U	0.0108U	NA	**1.34**	**0.0459**	0.0123U	0.00934U
Indeno(1,2,3-cd)pyrene	0.00974U	NA	NA	NA	0.0105U	0.0108U	NA	0.0105U	0.0110U	0.0123U	0.00934U
1-Methylnaphthalene	0.00974U	NA	NA	NA	0.0105U	0.0108U	NA	**2.26**	**2.88**	0.0123U	0.00934U
2-Methylnaphthalene	0.00974U	NA	NA	NA	0.0105U	0.0108U	NA	**0.337**	**5.32**	0.0123U	0.00934U
Naphthalene	0.00974U	NA	NA	NA	0.0105U	0.0108U	NA	0.210U, R-02	**5.00**	0.0123U	0.00934U
Phenanthrene	0.00974U	NA	NA	NA	0.0105U	0.0108U	NA	**1.12**	**0.0704**	0.0123U	0.00934U
Pyrene	0.00974U	NA	NA	NA	0.0105U	0.0108U	NA	**0.0857 M-02**	0.0110U	0.0123U	0.00934U

See notes on next page.

Table 2. Soil Samples Analytical Results - Polycyclic Aromatic Hydrocarbons (PAHs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	Push-Probe Samples			
	SB11	SB12	SB12-DUP	SB13
	ROW, to the north of the former USTs	ROW, to the northeast of the former USTs	ROW, to the northeast of the former USTs	ROW, to the east of the former USTs
	(8.0-8.5 ft bgs)	(7.5-8.0 ft bgs)	(7.5-8.0 ft bgs)	(7.5-8.0 ft bgs)
Parameter	08/19/20	08/19/20	08/19/20	08/19/20
PAHs (mg/kg) USEPA Method 8270D SIM				
Acenaphthene	0.00298U	0.275U, R-02	0.273U. R-02	0.604U, R-02
Acenaphthylene	0.00298U	0.122U	0.182U, R-02	0.302U, R-02
Anthracene	0.00298U	0.122U	0.121U	0.124U
Benz(a)anthracene	0.00298U	0.122U	0.121U	0.124U
Benzo(a)pyrene	0.00447U	0.183U	0.182U, R-02	0.186
Benzo(b)fluoranthene	0.00447U	0.183U	0.182U, R-02	0.186
Benzo(k)fluoranthene	0.00447U	0.183U	0.182U, R-02	0.186
Benzo(g,h,i)perylene	0.00298U	0.122U	0.121U	0.124U
Carbazole	0.00447U	0.183U	0.182U	0.186U
Chrysene	0.00298U	0.122U	0.121U	0.124U
Dibenz(a,h)anthracene	0.00298U	0.122U	0.121U	0.124U
Dibenzofuran	0.00298U	0.183U, R-02	0.182U, R-02	0.418U, R-02
Fluoranthene	**0.00427**	0.122U	0.121U	0.124U
Fluorene	0.00298U	**0.209**	**0.219**	0.124U
Indeno(1,2,3-cd)pyrene	0.00298U	0.122U	0.121U	0.124U
1-Methylnaphthalene	0.00595U	**1.07**	**0.946**	**8.23**
2-Methylnaphthalene	0.00595U	**0.306**	**0.260**	**5.69**
Naphthalene	0.00595U	0.244U	0.242U	**0.651U, R-02**
Phenanthrene	**0.0167**	**0.969**	**1.00**	**2.13**
Pyrene	**0.00394**	0.122U	0.121U	0.124U

See notes on next page.

Table 2. Soil Samples Analytical Results - Polycyclic Aromatic Hydrocarbons (PAHs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

Analytical data in bold font indicates that the value exceeds the laboratory's method reporting limit.

The laboratory method reporting limits that exceed one or more RBCs are indicated with bold blue font.

Analytical data highlighted in yellow indicates the value exceeded a generic RBC.

Sample highlighted in grey indicates the soil in that location was excavated and disposed of at Dry Creek Landfill.

Data Qualifiers:

M-02 - Due to matrix interference, this analyte cannot be accurately quantified. The reported result is estimated.

R-02 - The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.

U - The analyte was analyzed for, but was not detected above the analytical laboratory method reporting limit.

Footnotes:

(a) Risk-Based Concentrations are referenced from the May 2018 update to the DEQ's Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites guidance document dated September 2003.

(b) This pathway is applicable anytime someone is likely to come into contact with contaminated soil. For the occupational scenario, exposure to contaminated soils should be considered for all contaminants found in the top three feet of soil.

(c) This pathway is applicable whenever vadose zone soils are contaminated with volatile compounds.

(d) This pathway is applicable whenever vadose zone soils contaminated with volatile compounds are located beneath or within 10 feet of a commercial building or beneath or within 50 feet of a residential building.

(e) This pathway is applicable whenever vadose zone contamination is found overlying an aquifer that is currently used or is reasonably likely to be used in the future for drinking water.

(f) The soil in the location of MA1&3 sample was removed during the UST decommissioning activities and disposed of at Dry Creek Landfill in November 2018.

Symbols/Acronyms:

bgs - below ground surface

CONST. WORKER - construction worker receptor

>Csat - The soil RBC exceeds the limit of three-phase equilibrium partitioning. Soil concentrations in excess of this value indicate free product might be present.

DEQ - Department of Environmental Quality

EXC. WORKER - excavation worker receptor

ft - feet

>Max - The constituent RBC for this pathway is greater than 1,000,000 mg/Kg or 1,000,000 mg/L. Therefore, these substances are not expected to pose risks in the scenario sh

mg/kg - milligrams per kilogram

NA - Sample was not analyzed for this analyte.

NE - No RBC levels are established for this chemical.

RBC - risk-based concentration

OCC. - occupational receptors

URB. RES. - urban residential

USEPA - United States Environmental Protection Agency

UST - underground storage tank

Table 3. Soil Samples Analytical Results - Volatile Organic Compounds (VOCs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	DEQ Risk-Based Concentrations for Soil (a)										Test Pit Samples				
	Ingestion, Dermal Contact and Inhalation (b)				Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Leaching to Groundwater (e)		MA1&3 (f)	MA2	MA4	MA5	MA6
											NE corner	NE Area	NE Area	W of Restaurant	W Adjacent Restaurant
											(1.0-2.5 ft bgs)	(1.0-4.5 ft bgs)	(1.0-4.0 ft bgs)	(0.0-2.5 ft bgs)	(2.0-5.0 ft bgs)
Parameter	URB. RES.	OCC.	CONST. WORKER	EXC. WORKER	URB. RES.	OCC.	URB. RES.	OCC.	URB. RES.	OCC.	09/21/18	09/21/18	09/21/18	09/21/18	09/21/18
VOCs (mg/kg) **USEPA Method 8260B**															
Acetone	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	19.3U	NA	NA	NA	NA
Acrylonitrile	2.5	4.0	40	1,100	3.1	5.8	0.19	1.0	0.0016	0.0017	**5.80U, R-02**	NA	NA	NA	NA
Benzene	24	37	380	11,000	27	50	0.38	2.1	0.10	0.10	**6.19**	NA	NA	NA	NA
Bromobenzene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.483U	NA	NA	NA	NA
Bromochloromethane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.967U	NA	NA	NA	NA
Bromodichloromethane	12	15	230	6,300	5.7	11	0.096	0.53	0.0091	0.0088	**0.967U**	NA	NA	NA	NA
Bromoform	57	260	2,700	74,000	81	360	8.2	110	0.046	0.22	**1.93U**	NA	NA	NA	NA
Bromomethane	92	750	370	10,000	170	700	1.3	17	0.30	0.40	**9.67U**	NA	NA	NA	NA
2-Butanone (MEK)	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	11.6U, R-02	NA	NA	NA	NA
n-Butylbenzene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	**4.17 M-02**	NA	NA	NA	NA
sec-Butylbenzene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	**2.03**	NA	NA	NA	NA
tert-Butylbenzene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.967U	NA	NA	NA	NA
Carbon disulfide	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	9.67U	NA	NA	NA	NA
Carbon tetrachloride	21	34	320	8,900	35	65	0.28	1.6	0.055	0.058	**0.967U**	NA	NA	NA	NA
Chlorobenzene	1,100	8,700	4,700	130,000	>Csat	>Csat	77	>Csat	22	27	0.483U	NA	NA	NA	NA
Chloroethane (ethyl chloride)	320,000	>Max	>Max	>Max	>Csat	>Max	>Csat	>Csat	1,100	1,300	9.67U	NA	NA	NA	NA
Chloroform	22	26	410	11,000	9.2	17	0.074	0.41	0.016	0.015	**0.967U**	NA	NA	NA	NA
Chloromethane	2,900	25,000	25,000	700,000	>Csat	>Csat	24	300	7.9	9.1	**4.83U**	NA	NA	NA	NA
2-Chlorotoluene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.967U	NA	NA	NA	NA
4-Chlorotoluene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.967U	NA	NA	NA	NA
Dibromochloromethane	12	17	210	5,800	7.8	14	0.53	2.9	0.0110	0.011	**1.93U**	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	4.83U	NA	NA	NA	NA
1,2-dibromoethane (EDB)	0.53	0.73	9.0	250	0.35	0.65	0.028	0.16	0.00056	0.00056	**0.967U**	NA	NA	NA	NA
Dibromomethane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.967U	NA	NA	NA	NA
1,2-Dichlorobenzene	4,400	36,000	20,000	560,000	>Csat	>Csat	>Csat	>Csat	140	160	0.483U	NA	NA	NA	NA
1,3-Dichlorobenzene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.483U	NA	NA	NA	NA
1,4-Dichlorobenzene	62	64	1,300	36,000	19	36	2.3	13	0.27	0.25	**0.483U**	NA	NA	NA	NA
Dichlorodifluoromethane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	1.93U	NA	NA	NA	NA
1,1-Dichloroethane	190	260	3,200	89,000	130	240	1.1	5.9	0.20	0.20	**0.483U**	NA	NA	NA	NA
1,2-dichloroethane (EDC)	12	16	200	5,600	8.1	15	0.18	1.0	0.013	0.013	**0.483U**	NA	NA	NA	NA
1,1-Dichloroethene	3,500	29,000	13,000	370,000	>Csat	>Csat	54	680	25	32	0.483U	NA	NA	NA	NA
cis-1,2-Dichloroethene	310	2,300	710	20,000	>Max	>Max	>Max	>Max	2.4	4.5	0.483U	NA	NA	NA	NA
trans-1,2-Dichloroethene	3,100	23,000	7,100	200,000	>Max	>Max	>Max	>Max	27	51	0.483U	NA	NA	NA	NA
1,2-Dichloropropane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.483U	NA	NA	NA	NA
1,3-Dichloropropane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.967U	NA	NA	NA	NA

Table 3. Soil Samples Analytical Results - Volatile Organic Compounds (VOCs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	DEQ Risk-Based Concentrations for Soil (a)										Test Pit Samples				
	Ingestion, Dermal Contact and Inhalation (b)				Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Leaching to Groundwater (e)		MA1&3 (f)	MA2	MA4	MA5	MA6
											NE corner	NE Area	NE Area	W of Restaurant	W Adjavent Restaurant
											(1.0-2.5 ft bgs)	(1.0-4.5 ft bgs)	(1.0-4.0 ft bgs)	(0.0-2.5 ft bgs)	(2.0-5.0 ft bgs)
Parameter	URB. RES.	OCC.	CONST. WORKER	EXC. WORKER	URB. RES.	OCC.	URB. RES.	OCC.	URB. RES.	OCC.	09/21/18	09/21/18	09/21/18	09/21/18	09/21/18
VOCs (mg/kg) USEPA Method 8260B															
2,2-Dichloropropane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.967U	NA	NA	NA	NA
1,1-Dichloropropene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.967U	NA	NA	NA	NA
cis-1,3-Dichloropropene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.967U	NA	NA	NA	NA
trans-1,3-Dichloropropene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.967U	NA	NA	NA	NA
Ethylbenzene	110	150	1,700	49,000	85	150	3.0	17	0.94	0.90	**35.0**	NA	NA	NA	NA
Hexachlorobutadiene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	1.93U	NA	NA	NA	NA
2-Hexanone	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	9.67U	NA	NA	NA	NA
iso-Propylbenzene (cumene)	7,000	57,000	27,000	750,000	>Csat	>Csat	>Csat	>Csat	>Csat	>Csat	**4.66**	NA	NA	NA	NA
4-Isopropyltoluene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	**1.22 M-02**	NA	NA	NA	NA
Methylene chloride	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	**4.83U**	NA	NA	NA	NA
4-Methyl-2-pentanone (MiBK)	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	9.67U	NA	NA	NA	NA
methyl t-butyl ether (MTBE)	730	1,100	12,000	320,000	810	1,500	20	110	0.50	0.54	**0.967U**	NA	NA	NA	NA
Naphthalene	25	23	580	16,000	15	83	15	83	0.37	0.34	**11.2**	NA	NA	NA	NA
n-Propylbenzene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	**16.2**	NA	NA	NA	NA
Styrene	16,000	130,000	56,000	>Max	>Csat	>Csat	>Csat	>Csat	640	800	0.967U	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.483U	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.967U	NA	NA	NA	NA
Tetrachloroethene (PCE)	540	1,000	10,000	280,000	>Csat	>Csat	6.6	36	1.9	1.9	0.483U	NA	NA	NA	NA
Toluene	5,800	88,000	28,000	770,000	>Csat	>Csat	>Csat	>Csat	150	490	**56.1**	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	4.83U	NA	NA	NA	NA
1,2,4-Trichlorobenzene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	4.83U	NA	NA	NA	NA
1,1,1-Trichloroethane	110,000	870,000	470,000	>Max	>Csat	>Csat	>Csat	>Csat	710	880	0.483U	NA	NA	NA	NA
1,1,2-Trichloroethane	6.3	26	320	8,900	6.7	24	0.38	4.2	0.029	0.029	**0.483U**	NA	NA	NA	NA
Trichloroethene (TCE)	17.0	51	470	13,000	33	96	0.26	2.3	0.053	0.087	**0.483U**	NA	NA	NA	NA
Trichlorofluoromethane	15,000	130,000	69,000	>Max	>Csat	>Csat	190	>Csat	230	280	1.93U	NA	NA	NA	NA
1,2,3-Trichloropropane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.967U	NA	NA	NA	NA
1,2,4-Trimethylbenzene	860	6,900	2,900	81,000	>Csat	>Csat	140	>Csat	43	48	**88.9**	NA	NA	NA	NA
1,3,5-Trimethylbenzene	860	6,900	2,900	81,000	>Csat	>Csat	98	>Csat	45	53	**31.5**	NA	NA	NA	NA
Vinyl chloride	0.80	4.4	34	950	6.5	89	0.053	2.2	0.0014	0.010	**0.483U**	NA	NA	NA	NA
m,p-Xylene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	**127**	NA	NA	NA	NA
o-Xylene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	**46.1**	NA	NA	NA	NA
Xylenes	2,900	25,000	20,000	560,000	>Csat	>Csat	160	>Csat	87	100	**173.1**	NA	NA	NA	NA

See notes on next page.

Table 3. Soil Samples Analytical Results - Volatile Organic Compounds (VOCs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	Push-Probe Samples										
	SB1	SB2	SB3	SB4	SB5	SB6	SB7	SB8	SB9	SB9-12	SB10
	W Adjacent Restaurant	SE Corner	South-Central Area	SW Corner	Along W Boundary	NW Corner	Along N Boundary	NE Area Along E Boundary	NE Corner	NE Corner	NE Area
	(4.0-6.0 ft bgs)	(11.0-12.0 ft bgs)	(9.75-11.0 ft bgs)	(18.0-19.0 ft bgs)	(6.0-8.0 ft bgs)	(17.0-18.0 ft bgs)	(13.0-14.0 ft bgs)	(8.5-9.5 ft bgs)	(9.0-10.0 ft bgs)	(10.0-12.0 ft bgs)	(9.0-11.0 ft bgs)
Parameter	10/01/18	10/01/18	10/01/18	10/01/18	10/01/18	10/02/18	10/02/18	10/02/18	10/02/18	10/02/18	10/02/18
VOCs (mg/kg) USEPA Method 8260B											
Acetone	1.12U	NA	NA	NA	1.21U	1.06U	NA	2.06U	20.0U	1.30U	1.06U
Acrylonitrile	**0.112U**	NA	NA	NA	**0.121U**	**0.106U**	NA	**0.206U**	**3.00U, R-02**	**0.130U**	**0.106U**
Benzene	0.0112U	NA	NA	NA	0.0121U	0.0106U	NA	0.0206U	**1.60**	**0.153**	0.0106U
Bromobenzene	0.0279U	NA	NA	NA	0.0301U	0.0265U	NA	0.0515U	0.500U	0.0324U	0.0265U
Bromochloromethane	0.0558U	NA	NA	NA	0.0603U	0.0530U	NA	0.103U	1.00U	0.0649U	0.0530U
Bromodichloromethane	**0.0558U**	NA	NA	NA	**0.0603U**	**0.0530U**	NA	**0.103U**	**1.00U**	**0.0649U**	**0.0530U**
Bromoform	**0.112U**	NA	NA	NA	**0.121U**	**0.106U**	NA	**0.206U**	**2.00U**	**0.130U**	**0.106U**
Bromomethane	**0.558U**	NA	NA	NA	**0.603U**	**0.530U**	NA	**1.03U**	**10.0U**	**0.649U**	**0.530U**
2-Butanone (MEK)	0.558U	NA	NA	NA	0.603U	0.530U	NA	1.03U	10.0U	0.649U	0.530U
n-Butylbenzene	0.0558U	NA	NA	NA	0.0603U	0.0530U	NA	**0.217**	**7.85 M-02**	0.0649U	0.0530U
sec-Butylbenzene	0.0558U	NA	NA	NA	0.0603U	0.0530U	NA	**0.128**	**2.32**	0.0649U	0.0530U
tert-Butylbenzene	0.0558U	NA	NA	NA	0.0603U	0.0530U	NA	0.103U	1.00U	0.0649U	0.0530U
Carbon disulfide	0.558U	NA	NA	NA	0.603U	0.530U	NA	1.03U	10.0U	0.649U	0.530U
Carbon tetrachloride	**0.0558U**	NA	NA	NA	**0.0603U**	**0.0530U**	NA	**0.103U**	**1.00U**	**0.0649U**	**0.0530U**
Chlorobenzene	0.0279U	NA	NA	NA	0.0301U	0.0265U	NA	0.0515U	0.500U	0.0324U	0.0265U
Chloroethane (ethyl chloride)	0.558U	NA	NA	NA	0.603U	0.530U	NA	1.03U	10.0U	0.649U	0.530U
Chloroform	**0.0558U**	NA	NA	NA	**0.0603U**	**0.0530U**	NA	**0.103U**	**1.00U**	**0.0649U**	**0.0530U**
Chloromethane	0.279U	NA	NA	NA	0.301U	0.265U	NA	0.515U	**5.00U**	0.324U	0.265U
2-Chlorotoluene	0.0558U	NA	NA	NA	0.0603U	0.0530U	NA	0.103U	1.00U	0.0649U	0.0530U
4-Chlorotoluene	0.0558U	NA	NA	NA	0.0603U	0.0530U	NA	0.103U	1.00U	0.0649U	0.0530U
Dibromochloromethane	**0.112U**	NA	NA	NA	**0.121U**	**0.106U**	NA	**0.206U**	**2.00U**	**0.130U**	**0.106U**
1,2-Dibromo-3-chloropropane	0.279U	NA	NA	NA	0.301U	0.265U	NA	0.515U	5.00U	0.324U	0.265U
1,2-dibromoethane (EDB)	**0.0558U**	NA	NA	NA	**0.0603U**	**0.0530U**	NA	**0.103U**	**1.00U**	**0.0649U**	**0.0530U**
Dibromomethane	0.0558U	NA	NA	NA	0.0603U	0.0530U	NA	0.103U	1.00U	0.0649U	0.0530U
1,2-Dichlorobenzene	0.0279U	NA	NA	NA	0.0301U	0.0265U	NA	0.0515U	0.500U	0.0324U	0.0265U
1,3-Dichlorobenzene	0.0279U	NA	NA	NA	0.0301U	0.0265U	NA	0.0515U	0.500U	0.0324U	0.0265U
1,4-Dichlorobenzene	0.0279U	NA	NA	NA	0.0301U	0.0265U	NA	0.0515U	**0.500U**	0.0324U	0.0265U
Dichlorodifluoromethane	0.112U	NA	NA	NA	0.121U	0.106U	NA	0.206U	2.00U	0.130U	0.106U
1,1-Dichloroethane	0.0279U	NA	NA	NA	0.0301U	0.0265U	NA	0.0515U	**0.500U**	0.0324U	0.0265U
1,2-dichloroethane (EDC)	**0.0279U**	NA	NA	NA	**0.0301U**	**0.0265U**	NA	**0.0515U**	**0.500U**	**0.0324U**	**0.0265U**
1,1-Dichloroethene	0.0279U	NA	NA	NA	0.0301U	0.0265U	NA	0.0515U	0.500U	0.0324U	0.0265U
cis-1,2-Dichloroethene	0.0279U	NA	NA	NA	0.0301U	0.0265U	NA	0.0515U	0.500U	0.0324U	0.0265U
trans-1,2-Dichloroethene	0.0279U	NA	NA	NA	0.0301U	0.0265U	NA	0.0515U	0.500U	0.0324U	0.0265U
1,2-Dichloropropane	0.0279U	NA	NA	NA	0.0301U	0.0265U	NA	0.0515U	0.500U	0.0324U	0.0265U
1,3-Dichloropropane	0.0558U	NA	NA	NA	0.0603U	0.0530U	NA	0.103U	1.00U	0.0649U	0.0530U

Table 3. Soil Samples Analytical Results - Volatile Organic Compounds (VOCs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	Push-Probe Samples										
	SB1	SB2	SB3	SB4	SB5	SB6	SB7	SB8	SB9	SB9-12	SB10
	W Adjacent Restaurant	SE Corner	South-Central Area	SW Corner	Along W Boundary	NW Corner	Along N Boundary	NE Area Along E Boundary	NE Corner	NE Corner	NE Area
	(4.0-6.0 ft bgs)	(11.0-12.0 ft bgs)	(9.75-11.0 ft bgs)	(18.0-19.0 ft bgs)	(6.0-8.0 ft bgs)	(17.0-18.0 ft bgs)	(13.0-14.0 ft bgs)	(8.5-9.5 ft bgs)	(9.0-10.0 ft bgs)	(10.0-12.0 ft bgs)	(9.0-11.0 ft bgs)
Parameter	10/01/18	10/01/18	10/01/18	10/01/18	10/01/18	10/02/18	10/02/18	10/02/18	10/02/18	10/02/18	10/02/18
VOCs (mg/kg) USEPA Method 8260B											
2,2-Dichloropropane	0.0558U	NA	NA	NA	0.0603U	0.0530U	NA	0.103U	1.00U	0.0649U	0.0530U
1,1-Dichloropropene	0.0558U	NA	NA	NA	0.0603U	0.0530U	NA	0.103U	1.00U	0.0649U	0.0530U
cis-1,3-Dichloropropene	0.0558U	NA	NA	NA	0.0603U	0.0530U	NA	0.103U	1.00U	0.0649U	0.0530U
trans-1,3-Dichloropropene	0.0558U	NA	NA	NA	0.0603U	0.0530U	NA	0.103U	1.00U	0.0649U	0.0530U
Ethylbenzene	0.0279U	NA	NA	NA	0.0301U	0.0265U	NA	0.0515U	**11.3**	**0.0677**	0.0265U
Hexachlorobutadiene	0.112U	NA	NA	NA	0.121U	0.106U	NA	0.206U	2.00U	0.130U	0.106U
2-Hexanone	0.558U	NA	NA	NA	0.603U	0.530U	NA	1.03U	10.0U	0.649U	0.530U
iso-Propylbenzene (cumene)	0.0558U	NA	NA	NA	0.0603U	0.0530U	NA	0.103U	**2.92**	0.0649U	0.0530U
4-Isopropyltoluene	0.0558U	NA	NA	NA	0.0603U	0.0530U	NA	0.103U	**1.17 M-02**	0.0649U	0.0530U
Methylene chloride	0.279U	NA	NA	NA	0.301U	0.265U	NA	0.515U	5.00U	0.324U	0.265U
4-Methyl-2-pentanone (MiBK)	0.558U	NA	NA	NA	0.603U	0.530U	NA	1.03U	10.0U	0.649U	0.530U
methyl t-butyl ether (MTBE)	0.0558U	NA	NA	NA	0.0603U	0.0530U	NA	0.103U	**1.00U**	0.0649U	0.0530U
Naphthalene	0.112U	NA	NA	NA	0.121U	0.106U	NA	0.309U, R-02	**8.29**	0.130U	0.106U
n-Propylbenzene	0.0279U	NA	NA	NA	0.0301U	0.0265U	NA	0.0515U	**13.0**	**0.0534**	0.0265U
Styrene	0.0558U	NA	NA	NA	0.0603U	0.0530U	NA	0.103U	1.00U	0.0649U	0.0530U
1,1,1,2-Tetrachloroethane	0.0279U	NA	NA	NA	0.0301U	0.0265U	NA	0.0515U	0.500U	0.0324U	0.0265U
1,1,2,2-Tetrachloroethane	0.0558U	NA	NA	NA	0.0603U	0.0530U	NA	0.103U	1.00U	0.0649U	0.0530U
Tetrachloroethene (PCE)	0.0279U	NA	NA	NA	0.0301U	0.0265U	NA	0.0515U	0.500U	0.0324U	0.0265U
Toluene	0.0558U	NA	NA	NA	0.0603U	0.0530U	NA	0.103U	1.00U	0.0649U	0.0530U
1,2,3-Trichlorobenzene	0.279U	NA	NA	NA	0.301U	0.265U	NA	0.515U	5.00U	0.324U	0.265U
1,2,4-Trichlorobenzene	0.279U	NA	NA	NA	0.301U	0.265U	NA	0.515U	5.00U	0.324U	0.265U
1,1,1-Trichloroethane	0.0279U	NA	NA	NA	0.0301U	0.0265U	NA	0.0515U	0.500U	0.0324U	0.0265U
1,1,2-Trichloroethane	0.0279U	NA	NA	NA	**0.0301U**	0.0265U	NA	**0.0515U**	**0.500U**	**0.0324U**	0.0265U
Trichloroethene (TCE)	0.0279U	NA	NA	NA	0.0301U	0.0265U	NA	0.0515U	**0.500U**	0.0324U	0.0265U
Trichlorofluoromethane	0.112U	NA	NA	NA	0.121U	0.106U	NA	0.206U	2.00U	0.130U	0.106U
1,2,3-Trichloropropane	0.0558U	NA	NA	NA	0.0603U	0.0530U	NA	0.103U	1.00U	0.0649U	0.0530U
1,2,4-Trimethylbenzene	0.0558U	NA	NA	NA	0.0603U	0.0530U	NA	0.103U	**50.4**	0.0649U	0.0530U
1,3,5-Trimethylbenzene	0.0558U	NA	NA	NA	0.0603U	0.0530U	NA	0.103U	**16.9**	0.0649U	0.0530U
Vinyl chloride	**0.0279U**	NA	NA	NA	**0.0301U**	**0.0265U**	NA	**0.0515U**	**0.500U**	**0.0324U**	**0.0265U**
m,p-Xylene	0.0558U	NA	NA	NA	0.0603U	0.0530U	NA	0.103U	**13.0**	0.0649U	0.0530U
o-Xylene	0.0279U	NA	NA	NA	0.0301U	0.0265U	NA	0.0515U	**0.516**	0.0324U	0.0265U
Xylenes	0.0558U	NA	NA	NA	0.0603U	0.0530U	NA	0.103U	**13.516**	0.0649U	0.0530U

See notes on next page.

Table 3. Soil Samples Analytical Results - Volatile Organic Compounds (VOCs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	Push-Probe Samples			
	SB11	SB12	SB12-DUP	SB13
	ROW, to the north of the former USTs	ROW, to the northeast of the former USTs	ROW, to the northeast of the former USTs	ROW, to the east of the former USTs
	(8.0-8.5 ft bgs)	(7.5-8.0 ft bgs)	(7.5-8.0 ft bgs)	(7.5-8.0 ft bgs)
Parameter	08/19/20	08/19/20	08/19/20	08/19/20
VOCs (mg/kg) USEPA Method 8260B				
Acetone	0.913U	9.180U	1.130U	1.370U
Acrylonitrile	**0.0913U**	**0.918U**	**0.480U, R-02**	**0.137U**
Benzene	0.00913U	0.0918U	**0.0203**	0.0137U
Bromobenzene	0.0228U	0.230U	0.0282U	0.0342U
Bromochloromethane	0.0457U	0.459U	0.0564U	0.0684U
Bromodichloromethane	**0.0457U**	**0.459U**	**0.0564U**	**0.0684U**
Bromoform	**0.0913U**	**0.918U**	0.113U	0.137U
Bromomethane	**0.457U**	**4.590U**	**0.564U**	**0.684U**
2-Butanone (MEK)	0.457U	4.590U	4.230U, R-02	0.684U
n-Butylbenzene	0.0457U	**1.480**	**1.190**	**0.220**
sec-Butylbenzene	0.0457U	**0.825**	**0.568**	**0.101**
tert-Butylbenzene	0.0457U	0.459U	0.0564U	0.0684U
Carbon disulfide	0.457U	4.590U	0.564U	0.684U
Carbon tetrachloride	0.0457U	**0.459U**	**0.0564U**	**0.0684U**
Chlorobenzene	0.0228U	0.230U	0.0282U	0.0342U
Chloroethane (ethyl chloride)	0.457U	4.590U	0.564U	0.684U
Chloroform	**0.0457U**	**0.459U**	**0.0705U, R-02**	**0.0684U**
Chloromethane	0.228U	2.300U	0.282U	0.342U
2-Chlorotoluene	0.0457U	0.459U	0.0564U	0.0684U
4-Chlorotoluene	0.0457U	0.459U	0.0564U	0.0684U
Dibromochloromethane	**0.0913U**	**0.918U**	**0.113U**	**0.137U**
1,2-Dibromo-3-chloropropane	0.228U	2.300U	0.282U	0.342U
1,2-dibromoethane (EDB)	**0.0457U**	**0.459U**	**0.0564U**	**0.0684U**
Dibromomethane	0.0457U	0.459U	0.0564U	0.0684U
1,2-Dichlorobenzene	0.0228U	0.230U	0.0282U	0.0342U
1,3-Dichlorobenzene	0.0228U	0.230U	0.0282U	0.0342U
1,4-Dichlorobenzene	0.0228U	0.230U	0.0282U	0.0342U
Dichlorodifluoromethane	0.0913U	0.918U	0.113U	0.137U
1,1-Dichloroethane	0.0228U	**0.230U**	0.0282U	0.0342U
1,2-dichloroethane (EDC)	**0.0228U**	**0.230U**	**0.0282U**	**0.0342U**
1,1-Dichloroethene	0.0228U	0.230U	0.0282U	0.0342U
cis-1,2-Dichloroethene	0.0228U	0.230U	0.0282U	0.0342U
trans-1,2-Dichloroethene	0.0228U	0.230U	0.0282U	0.0342U
1,2-Dichloropropane	0.0228U	0.230U	0.0282U	0.0342U
1,3-Dichloropropane	0.0457U	0.459U	0.0564U	0.0684U

Table 3. Soil Samples Analytical Results - Volatile Organic Compounds (VOCs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	Push-Probe Samples			
	SB11	SB12	SB12-DUP	SB13
	ROW, to the north of the former USTs	ROW, to the northeast of the former USTs	ROW, to the northeast of the former USTs	ROW, to the east of the former USTs
	(8.0-8.5 ft bgs)	(7.5-8.0 ft bgs)	(7.5-8.0 ft bgs)	(7.5-8.0 ft bgs)
Parameter	08/19/20	08/19/20	08/19/20	08/19/20
VOCs (mg/kg) USEPA Method 8260B				
2,2-Dichloropropane	0.0457U	0.459U	0.0564U	0.0684U
1,1-Dichloropropene	0.0457U	0.459U	0.0564U	0.0684U
cis-1,3-Dichloropropene	0.0457U	0.459U	0.0564U	0.0684U
trans-1,3-Dichloropropene	0.0457U	0.459U	0.0564U	0.0684U
Ethylbenzene	0.0228U	0.230U	0.0282U	0.0342U
Hexachlorobutadiene	0.0913U	0.918U	0.113U	0.137U
2-Hexanone	0.457U	4.590U	0.564U	0.684U
iso-Propylbenzene (cumene)	0.0457U	0.459U	**0.0898**	0.0684U
4-Isopropyltoluene	0.0457U	0.459U	0.0564U	0.0684U
Methylene chloride	0.457U	4.590U	0.564U	0.684U
4-Methyl-2-pentanone (MiBK)	0.457U	7.800U	2.650U, R-02	0.684U
methyl t-butyl ether (MTBE)	0.0457U	0.459U	0.0564U	0.0684U
Naphthalene	0.0913U	**0.918U**	0.197U, R-02	**0.737**
n-Propylbenzene	0.0228U	0.230U	**0.192**	**0.0533**
Styrene	0.0457U	0.459U	0.0564U	0.0684U
1,1,1,2-Tetrachloroethane	0.0228U	0.230U	0.0282U	0.0342U
1,1,2,2-Tetrachloroethane	0.0457U	0.459U	0.141U, R-02	0.0855U, R-02
Tetrachloroethene (PCE)	0.0228U	0.230U	0.0282U	0.0342U
Toluene	0.0457U	0.459U	0.0564U	0.0684U
1,2,3-Trichlorobenzene	0.228U	2.300U	0.282U	0.342U
1,2,4-Trichlorobenzene	0.228U	2.300U	0.282U	0.342U
1,1,1-Trichloroethane	0.0228U	0.230U	0.0282U	0.0342U
1,1,2-Trichloroethane	0.0228U	**0.230U**	0.0282U	0.0342U
Trichloroethene (TCE)	0.0228U	**0.230U**	0.0282U	0.0342U
Trichlorofluoromethane	0.0913U	0.918U	0.113U	0.137U
1,2,3-Trichloropropane	0.0457U	0.459U	0.0564U	0.0684U
1,2,4-Trimethylbenzene	0.0457U	0.459U	0.0564U	0.0684U
1,3,5-Trimethylbenzene	0.0457U	0.459U	0.0564U	0.0684U
Vinyl chloride	**0.0228U**	**0.230U**	**0.0282U**	**0.0342U**
m,p-Xylene	0.0457U	0.459U	0.0564U	0.0684U
o-Xylene	0.0228U	0.230U	0.0282U	0.0342U
Xylenes	0.0457U	0.459U	0.0564U	0.0684U

See notes on next page.

Table 3. Soil Samples Analytical Results - Volatile Organic Compounds (VOCs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

Analytical data in bold font indicates that the value exceeds the laboratory's method reporting limit.
The laboratory method reporting limits that exceed one or more RBCs are indicated with bold blue font.
Analytical data highlighted in yellow indicates the value exceeded a generic RBC.
Sample highlighted in grey indicates the soil in that location was excavated and disposed of at Dry Creek Landfill.

Data Qualifiers:

M-02 - Due to matrix interference, this analyte cannot be accurately quantified. The reported result is estimated.
R-02 - The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.
U - The analyte was analyzed for, but was not detected above the analytical laboratory method reporting limit.

Footnotes:

(a) Risk-Based Concentrations are referenced from the May 2018 update to the DEQ's Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites guidance document dated September 2003.
(b) This pathway is applicable anytime someone is likely to come into contact with contaminated soil. For the occupational scenario, exposure to contaminated soils should be considered for all
(c) This pathway is applicable whenever vadose zone soils are contaminated with volatile compounds.
(d) This pathway is applicable whenever vadose zone soils contaminated with volatile compounds are located beneath or within 10 feet of a commercial building or beneath or within 50 feet of a residential
(e) This pathway is applicable whenever vadose zone contamination is found overlying an aquifer that is currently used or is reasonably likely to be used in the future for drinking water.
(f) The soil in the location of MA1&3 sample was removed during the UST decommissioning activities and disposed of at Dry Creek Landfill in November 2018.

Symbols/Acronyms:

bgs - below ground surface
CONST. WORKER - construction worker receptor
>Csat - The soil RBC exceeds the limit of three-phase equilibrium partitioning. Soil concentrations in excess of this value indicate free product might be present.
DEQ - Department of Environmental Quality
EXC. WORKER - excavation worker receptor
ft - feet
>Max - The constituent RBC for this pathway is greater than 1,000,000 mg/Kg or 1,000,000 mg/L. Therefore, these substances are not expected to pose risks in the scenario shown.
mg/kg - milligrams per kilogram
NA - Sample was not analyzed for this analyte.
NE - No RBC levels are established for this chemical.
RBC - risk-based concentration
OCC. - occupational receptors
URB. RES. - urban residential
USEPA - United States Environmental Protection Agency
UST - underground storage tank

Table 4. Soil Samples Analytical Results - Polychlorinated Biphenyls (PCBs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	DEQ Risk-Based Concentrations for Soil (a)										Test Pit Samples				
	Ingestion, Dermal Contact and Inhalation (b)				Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Leaching to Groundwater (e)		MA1&3 (g)	MA2	MA4	MA5	MA6
											NE corner	NE Area	NE Area	W of Restaurant	W Adjacent Restaurant
											(1.0-2.5 ft bgs)	(1.0-4.5 ft bgs)	(1.0-4.0 ft bgs)	(0.0-2.5 ft bgs)	(2.0-5.0 ft bgs)
Parameter	URB. RES.	OCC.	CONST. WORKER	EXC. WORKER	URB. RES.	OCC.	URB. RES.	OCC.	URB. RES.	OCC.	09/21/18	09/21/18	09/21/18	09/21/18	09/21/18
PCBs (mg/kg) USEPA Method 8082A															
Aroclor 1016	0.33 (f)	0.59 (f)	4.9 (f)	140 (f)	>Csat (f)	>Csat (f)	>Csat (f)	>Csat (f)	1.1 (f)	1.1 (f)	0.0102U, C-07	NA	NA	NA	NA
Aroclor 1221	0.33 (f)	0.59 (f)	4.9 (f)	140 (f)	>Csat (f)	>Csat (f)	>Csat (f)	>Csat (f)	1.1 (f)	1.1 (f)	0.0102U, C-07	NA	NA	NA	NA
Aroclor 1232	0.33 (f)	0.59 (f)	4.9 (f)	140 (f)	>Csat (f)	>Csat (f)	>Csat (f)	>Csat (f)	1.1 (f)	1.1 (f)	0.0102U, C-07	NA	NA	NA	NA
Aroclor 1242	0.33 (f)	0.59 (f)	4.9 (f)	140 (f)	>Csat (f)	>Csat (f)	>Csat (f)	>Csat (f)	1.1 (f)	1.1 (f)	0.0102U, C-07	NA	NA	NA	NA
Aroclor 1248	0.33 (f)	0.59 (f)	4.9 (f)	140 (f)	>Csat (f)	>Csat (f)	>Csat (f)	>Csat (f)	1.1 (f)	1.1 (f)	0.0102U, C-07	NA	NA	NA	NA
Aroclor 1254	0.33 (f)	0.59 (f)	4.9 (f)	140 (f)	>Csat (f)	>Csat (f)	>Csat (f)	>Csat (f)	1.1 (f)	1.1 (f)	0.0102U, C-07	NA	NA	NA	NA
Aroclor 1260	0.33 (f)	0.59 (f)	4.9 (f)	140 (f)	>Csat (f)	>Csat (f)	>Csat (f)	>Csat (f)	1.1 (f)	1.1 (f)	0.0164U, C-07, R-02	NA	NA	NA	NA

See notes on next page.

Table 4. Soil Samples Analytical Results - Polychlorinated Biphenyls (PCBs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	Push-Probe Samples										
	SB1	SB2	SB3	SB4	SB5	SB6	SB7	SB8	SB9	SB9-12	SB10
	W Adjacent Restaurant	SE Corner	South-Central Area	SW Corner	Along W Boundary	NW Corner	Along N Boundary	NE Area Along E Boundary	NE Corner	NE Corner	NE Area
	(4.0-6.0 ft bgs)	(11.0-12.0 ft bgs)	(9.75-11.0 ft bgs)	(18.0-19.0 ft bgs)	(6.0-8.0 ft bgs)	(17.0-18.0 ft bgs)	(13.0-14.0 ft bgs)	(8.5-9.5 ft bgs)	(9.0-10.0 ft bgs)	(10.0-12.0 ft bgs)	(9.0-11.0 ft bgs)
Parameter	10/01/18	10/01/18	10/01/18	10/01/18	10/01/18	10/02/18	10/02/18	10/02/18	10/02/18	10/02/18	10/02/18
PCBs (mg/kg) USEPA Method 8082A											
Aroclor 1016	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See notes on next pag

Table 4. Soil Samples Analytical Results - Polychlorinated Biphenyls (PCBs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	Push-Probe Samples			
	SB11	SB12	SB12-DUP	SB13
	ROW, to the north of the former USTs	ROW, to the northeast of the former	ROW, to the northeast of the former	ROW, to the east of the former USTs
	(8.0-8.5 ft bgs)	(7.5-8.0 ft bgs)	(7.5-8.0 ft bgs)	(7.5-8.0 ft bgs)
Parameter	08/19/20	08/19/20	08/19/20	08/19/20
PCBs (mg/kg) USEPA Method 8082A				
Aroclor 1016	NA	NA	NA	NA
Aroclor 1221	NA	NA	NA	NA
Aroclor 1232	NA	NA	NA	NA
Aroclor 1242	NA	NA	NA	NA
Aroclor 1248	NA	NA	NA	NA
Aroclor 1254	NA	NA	NA	NA
Aroclor 1260	NA	NA	NA	NA

See notes on next pag

Table 4. Soil Samples Analytical Results - Polychlorinated Biphenyls (PCBs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

Sample highlighted in grey indicates the soil in that location was excavated and disposed of at Dry Creek Landfill.

Data Qualifiers:

C-07 - Extract has undergone Sulfuric Acid Cleanup by EPA 3665A, Sulfur Cleanup by EPA 3660B, and Florisil Cleanup by EPA 3620B in order to minimize matrix interference.

R-02 -The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.

U - The analyte was analyzed for, but was not detected above the analytical laboratory's method reporting limit.

Footnotes:

(a) Risk-Based Concentrations are referenced from theMay 2018 update to the DEQ's Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites guidance document dated September 2003.

(b) This pathway is applicable anytime someone is likely to come into contact with contaminated soil. For the occupational scenario, exposure to contaminated soils should be considered for all contaminants found in the top three feet of soil.

(c) This pathway is applicable whenever vadose zone soils are contaminated with volatile compounds.

(d) This pathway is applicable whenever vadose zone soils contaminated with volatile compounds are located beneath or within 10 feet of a commercial building or beneath or within 50 feet of a residential building.

(e) This pathway is applicable whenever vadose zone contamination is found overlying an aquifer that is currently used or is reasonably likely to be used in the future for drinking water.

(f) RBCs are for total of PCBs Aroclors.

(g) The soil in the location of MA1&3 sample was removed during the UST decommissioning activities and disposed of at Dry Creek Landfill in November 2018.

Symbols/Acronyms:

bgs - below ground surface

CONST. WORKER - construction worker receptor

>Csat - The soil RBC exceeds the limit of three-phase equilibrium partitioning. Soil concentrations in excess of this value indicate free product might be present.

DEQ - Department of Environmental Quality

EXC. WORKER - excavation worker receptor

ft - feet

>Max - The constituent RBC for this pathway is greater than 1,000,000 mg/Kg or 1,000,000 mg/L. Therefore, these substances are not expected to pose risks in the scenario shown.

mg/kg - milligrams per kilogram

NA - Sample was not analyzed for this analyte.

NE - No RBC levels are established for this chemical.

RBC - risk-based concentration

OCC. - occupational receptors

URB. RES. - urban residential

USEPA - United States Environmental Protection Agency

UST - underground storage tank

Table 5. Soil Samples Analytical Results - Total Metals
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	DEQ Risk-Based Concentrations for Soil (a)											Test Pit Samples				
	Ingestion, Dermal Contact and Inhalation (b)				Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Leaching to Groundwater (e)		DEQ's Background Concentrations in Soil (f)	MA1&3 (g)	MA2	MA4	MA5	MA6
												NE corner	NE Area	NE Area	W of Restaurant	W Adjacent Restaurant
												(1.0-2.5 ft bgs)	(1.0-4.5 ft bgs)	(1.0-4.0 ft bgs)	(0.0-2.5 ft bgs)	(2.0-5.0 ft bgs)
Parameter	URB. RES.	OCC.	CONST. WORKER	EXC. WORKER	URB. RES.	OCC.	URB. RES.	OCC.	URB. RES.	OCC.		09/21/18	09/21/18	09/21/18	09/21/18	09/21/18
Total Metals (mg/kg) USEPA 6020 (ICPMS)																
Arsenic	1.0	1.9	15	420	NV	NV	NV	NV	*	*	12	NA	NA	NA	NA	NA
Barium	31,000	220,000	69,000	>Max	NV	NV	NV	NV	*	*	630	NA	NA	NA	NA	NA
Cadmium	160	1,100	350	9,700	NV	NV	NV	NV	*	*	0.52	NA	NA	NA	NA	NA
Chromium (III)	230,000	>Max	530,000	>Max	NV	NV	NV	NV	*	*	890	NA	NA	NA	NA	NA
Lead	400	800	800	800	NV	NV	NV	NV	30	30	36	NA	NA	NA	NA	NA
Mercury	47	350	110	2,900	NV	NV	NV	NV	*	*	0.17	NA	NA	NA	NA	NA
Selenium	NE	NE	NE	NE	NV	NE	NV	NE	NE	NE	0.8	NA	NA	NA	NA	NA
Silver	780	5,800	1,800	49,000	NV	NV	NV	NV	*	*	0.16	NA	NA	NA	NA	NA

See notes on next page.

Table 5. Soil Samples Analytical Results - Total Metals
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	Push-Probe Samples										
	SB1	SB2	SB3	SB4	SB5	SB6	SB7	SB8	SB9	SB9-12	SB10
	W Adjacent Restaurant	SE Corner	South-Central Area	SW Corner	Along W Boundary	NW Corner	Along N Boundary	NE Area Along E Boundary	NE Corner	NE Corner	NE Area
	(4.0-6.0 ft bgs)	(11.0-12.0 ft bgs)	(9.75-11.0 ft bgs)	(18.0-19.0 ft bgs)	(6.0-8.0 ft bgs)	(17.0-18.0 ft bgs)	(13.0-14.0 ft bgs)	(8.5-9.5 ft bgs)	(9.0-10.0 ft bgs)	(10.0-12.0 ft bgs)	(9.0-11.0 ft bgs)
Parameter	10/01/18	10/01/18	10/01/18	10/01/18	10/01/18	10/02/18	10/02/18	10/02/18	10/02/18	10/02/18	10/02/18
Total Metals (mg/kg) USEPA 6020 (ICPMS)											
Arsenic	**5.20**	**18.6**	**4.48**	**8.25**	**5.74**	**4.78**	**8.14**	**3.43**	**2.63**	**8.92**	**3.68**
Barium	**387**	**189**	**249**	**274 Q-42**	**204**	**315**	**243**	**182**	**137**	**398**	**195**
Cadmium	1.14U	1.19U	1.20U	1.16U	1.24U	1.16U	1.23U	1.17U	1.20U	1.34U	1.12U
Chromium (III)	**44.0**	**53.3**	**158**	**87.5 Q-42**	**66.6**	**68.2**	**48.0**	**38.9**	**28.3**	**92.7**	**48.8**
Lead	**3.18**	**3.93**	**4.05**	**22 Q-17**	**2.62**	**2.83**	**3.97**	**3.40**	**4.44**	**6.08**	**2.66**
Mercury	**0.179**	**0.236**	**0.106**	0.0924U, Q-17	**0.110**	0.0931U	**0.146**	0.0936U	0.0961U	**0.148**	**0.101**
Selenium	1.14U	1.19U	1.20U	1.16U	1.24U	1.16U	1.23U	1.17U	1.20U	1.34U	1.12U
Silver	0.227U	0.239U	0.240U	0.231U	0.247U	0.233U	0.245U	0.234U	0.240U	0.268U	0.225U

See notes on next pa

Table 5. Soil Samples Analytical Results - Total Metals
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	Push-Probe Samples			
	SB11	SB12	SB12-DUP	SB13
	ROW, to the north of the former USTs	ROW, to the northeast of the former USTs	ROW, to the northeast of the former USTs	ROW, to the east of the former USTs
	(8.0-8.5 ft bgs)	(7.5-8.0 ft bgs)	(7.5-8.0 ft bgs)	(7.5-8.0 ft bgs)
Parameter	08/19/20	08/19/20	08/19/20	08/19/20
Total Metals (mg/kg) USEPA 6020 (ICPMS)				
Arsenic	NA	NA	NA	NA
Barium	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA
Chromium (III)	NA	NA	NA	NA
Lead	**2.41**	**2.63**	**2.80**	**2.01**
Mercury	NA	NA	NA	NA
Selenium	NA	NA	NA	NA
Silver	NA	NA	NA	NA

See notes on next pa

Table 5. Soil Samples Analytical Results - Total Metals
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

Analytical data in bold font indicates that the value exceeds the laboratory's method reporting limit.

Analytical data or DEQ background concentrations data highlighted in yellow indicates the value exceeded a generic RBC.

Sample highlighted in grey indicates the soil in that location was excavated and disposed of at Dry Creek Landfill.

* - Leaching to groundwater RBCs are not provided for inorganic chemicals. If this pathway is of concern, then site-specific leaching tests must be performed.

Data Qualifiers:

Q-17 - RPD between original and duplicate sample is outside of established control limits.

Q-42 - Matrix Spike and/or Duplicate analysis was performed on this sample. % Recovery or RPD for this analyte is outside laboratory control limits. (Refer to the QC Section of Analytical Report.)

U - The analyte was analyzed for, but was not detected above the analytical laboratory's method reporting limit.

Footnotes:

(a) Risk-Based Concentrations are referenced from the May 2018 update to the DEQ's Risk-Based Decision Making (RBDM) for the Remediation of Petroleum-Contaminated Sites guidance document dated September 2003.

(b) This pathway is applicable anytime someone is likely to come into contact with contaminated soil. For the occupational scenario, exposure to contaminated soils should be considered for all contaminants found in the top three feet of soil.

(c) This pathway is applicable whenever vadose zone soils are contaminated with volatile compounds.

(d) This pathway is applicable whenever vadose zone soils contaminated with volatile compounds are located beneath or within 10 feet of a commercial building or beneath or within 50 feet of a residential building.

(e) This pathway is applicable whenever vadose zone contamination is found overlying an aquifer that is currently used or is reasonably likely to be used in the future for drinking water.

(f) DEQ's Background Concentrations in Soil are referenced from the DEQ's Development of Oregon Background Metals Concentrations in Soil technical report dated March 2013. The background concentrations included in this table are 95% Upper Prediction Limit (UPL) for the Klamath Mountain region, which includes the Talent area and the Site.

(g) The soil in the location of MA1&3 sample was removed during the UST decommissioning activities and disposed of at Dry Creek Landfill in November 2018.

Symbols/Acronyms:

bgs - below ground surface

CONST. WORKER - construction worker receptor

DEQ - Department of Environmental Quality

EXC. WORKER - excavation worker receptor

ft - feet

>Max - The constituent RBC for this pathway is greater than 1,000,000 mg/Kg or 1,000,000 mg/L. Therefore, these substances are not expected to pose risks in the scenario shown.

mg/kg - milligrams per kilogram

NA - Sample was not analyzed for this analyte.

NE - No RBC levels are established for this chemical.

NV - The chemical is considered "nonvolatile" for the purposes of the exposure calculations.

RBC - risk-based concentration

OCC. - occupational receptors

URB. RES. - urban residential

USEPA - United States Environmental Protection Agency

UST - underground storage tank

Table 6. Groundwater Samples Analytical Results - Total Petroleum Hydrocarbons (TPHs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	DEQ Risk-Based Concentrations for Groundwater (a)							Temporary Wells Groundwater Samples									
	Ingestion and Inhalation from Tapwater (b)		Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Groundwater in Excavation (e)	GW-SB1	GW-SB2	GW-SB3	GW-SB4	GW-SB5	GW-SB6	GW-SB7	GW-SB8	GW-SB9	GW-SB10
								W Adjacent Restaurant	SE Corner	South-Central Area	SW Corner	Along W Boundary	NW Corner	Along N Boundary	NE Area Along E Boundary	NE Corner	NE Area
Parameter	URB. RES.	OCC.	URB. RES.	OCC	URB. RES.	OCC	CONST.& EXC. WORKER	10/02/18	10/01/18	10/02/18	10/02/18	10/01/18	10/02/18	10/03/18	10/03/18	10/03/18	10/03/18
TPHs (µg/L) **DEQ Method NWTPH-Dx & NWTPH-Gx**																	
Diesel-range	100	430	>S	>S	>S	>S	>S	**208U**	**194U**	**189U**	**215U**	**211U**	**196U**	**217UJ**	**3,130 J**	**211UJ**	**227UJ**
Oil-range	100	430	>S	>S	>S	>S	>S	**417U**	**388U**	**377U**	**430U**	**421U**	**392U**	**435UJ**	**412UJ**	**421UJ**	**455UJ**
Gasoline-range	110	450	>S	>S	22,000	>S	14,000	100U	100U	100U	100U	100U	100U	100UJ	**373 J**	**5,840 J**	100UJ

See notes on next page.

Table 6. Groundwater Samples Analytical Results - Total Petroleum Hydrocarbons (TPHs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	Temporary Wells Groundwater Samples				
	GW-SB11	GW-SB12	GW-SB12-DUP	GW-SB13	RB
	ROW, to the north of the former USTs	ROW, to the northeast of the former USTs	ROW, to the northeast of the former USTs	ROW, to the east of the former USTs	Rinsate Blank
Parameter	08/19/20	08/19/20	08/19/20	08/19/20	08/19/20
TPHs (µg/L) DEQ Method NWTPH-Dx & NWTPH-Gx					
Diesel-range	81.6U	**63,400**	**5,440**	**93,500**	76.2U
Oil-range	**244**	**4,650U**	**178U**	**16,300U**	**152U**
Gasoline-range	100U	**795**	**754**	**6,380**	100U

See notes on next page.

Table 6. Groundwater Samples Analytical Results - Total Petroleum Hydrocarbons (TPHs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

Analytical data in bold font indicates that the value exceeds the laboratory's method reporting limit.

Analytical data highlighted in yellow indicates the value exceeded a generic RBC.

The laboratory method reporting limits that exceed one or more RBCs are indicated with bold blue font.

Data Qualifiers:

J - Estimated concentration. Samples were received outside of recommended temperature. Samples were received in two coolers at 9.9°C and 8.7°C, which exceeds the regulatory and/or laboratory requirements for proper storage at less than or equal to 6°C.

U - The analyte was analyzed for, but was not detected above the analytical laboratory method reporting limit.

Footnotes:

(a) Risk-Based Concentrations are referenced from the May 2018 update to the DEQ's Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites guidance document dated September 2003.

(b) This pathway is applicable anytime groundwater contamination is found in an aquifer that is currently used or is reasonably likely to be used for drinking water.

(c) This pathway is applicable whenever the groundwater is contaminated with volatile compounds.

(d) This pathway is applicable whenever volatile compounds in groundwater are located beneath or within 10 feet of a commercial building, or beneath or within 50 feet of a residential building, or may be in such a location in the future.

(e) This pathway is applicable in cases where construction or excavation workers may come into contact with contaminated groundwater in a semi-enclosed space such as an excavation.

Symbols/Acronyms:

bgs - below ground surface

CONST.& EXC. WORKER - construction and excavation worker receptor

DEQ - Department of Environmental Quality

ft - feet

NA - Sample was not analyzed for this analyte.

µg/L - micrograms per liter

OCC. - occupational receptor

RBC - risk-based concentration

>S - This groundwater RBC exceeds the solubility limit. Groundwater concentrations in excess of S indicate that free product may be present.

URB. RES. - urban residential

Table 7. Groundwater Samples Analytical Results - Polycyclic Aromatic Hydrocarbons (PAHs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	DEQ Risk-Based Concentrations for Groundwater (a)							Temporary Wells Groundwater Samples									
	Ingestion and Inhalation from Tapwater (b)		Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Groundwater in Excavation (e)	GW-SB1	GW-SB2	GW-SB3	GW-SB4	GW-SB5	GW-SB6	GW-SB7	GW-SB8	GW-SB9	GW-SB10
								W Adjacent Restaurant	SE Corner	South-Central Area	SW Corner	Along W Boundary	NW Corner	Along N Boundary	NE Area Along E Boundary	NE Corner	NE Area
Parameter	URB. RES.	OCC.	URB. RES.	OCC	URB. RES.	OCC	CONST.& EXC. WORKER	10/02/18	10/01/18	10/02/18	10/02/18	10/01/18	10/02/18	10/03/18	10/03/18	10/03/18	10/03/18
PAHs (µg/L) USEPA Method 8270D SIM																	
Acenaphthene	2,400	2,500	>S	>S	>S	>S	>S	0.0392U	NA	NA	NA	0.0404U	0.0430U	NA	1.03UJ, R-02	0.0632UJ, R-02	0.0430UJ
Acenaphthylene	NE	NE	NE	NE	NE	NE	NE	0.0392U	NA	NA	NA	0.0404U	0.0430U	NA	0.262UJ, R-02	0.0421UJ	0.0430UJ
Anthracene	>S	>S	>S	>S	>S	>S	>S	0.0392U	NA	NA	NA	0.0404U	0.0430U	NA	0.0935UJ, R-02	0.0421UJ	0.0430UJ
Benz(a)anthracene	0.11	0.38	>S	>S	>S	>S	>S	0.0392U	NA	NA	NA	0.0404U	0.0430U	NA	0.0467UJ, R-02	0.0421UJ	0.0430UJ
Benzo(a)pyrene	0.080	0.47	NV	NV	NV	NV	>S	0.0392U	NA	NA	NA	0.0404U	0.0430U	NA	0.0374UJ	0.0421UJ	0.0430UJ
Benzo(b)fluoranthene	>S	>S	NV	NV	NV	NV	>S	0.0392U	NA	NA	NA	0.0404U	0.0430U	NA	0.0374UJ	0.0421UJ	0.0430UJ
Benzo(k)fluoranthene	>S	>S	NV	NV	NV	NV	>S	0.0392U	NA	NA	NA	0.0404U	0.0430U	NA	0.0374UJ	0.0421UJ	0.0430UJ
Benzo(g,h,i)perylene	NE	NE	NE	NE	NE	NE	NE	0.0392U	NA	NA	NA	0.0404U	0.0430U	NA	0.0374UJ	0.0421UJ	0.0430UJ
Chrysene	>S	>S	NV	NV	NV	NV	>S	0.0392U	NA	NA	NA	0.0404U	0.0430U	NA	0.0467UJ, R-02	0.0421UJ	0.0430UJ
Dibenz(a,h)anthracene	0.080	0.47	NV	NV	NV	NV	>S	0.0392U	NA	NA	NA	0.0404U	0.0430U	NA	0.0374UJ	0.0421UJ	0.0430UJ
Dibenzofuran	NE	NE	NE	NE	NE	NE	NE	0.0392U	NA	NA	NA	0.0404U	0.0430U	NA	0.757UJ, R-02	0.0421UJ	0.0430UJ
Fluoranthene	>S	>S	NV	NV	NV	NV	>S	0.0392U	NA	NA	NA	0.0404U	0.0430U	NA	**0.0497 J**	0.0421UJ	0.0430UJ
Fluorene	1,400	1,300	>S	>S	>S	>S	>S	0.0392U	NA	NA	NA	0.0404U	0.0430U	NA	**2.00 J**	0.0421UJ	0.0430UJ
Indeno(1,2,3-cd)pyrene	>S	>S	NV	NV	NV	NV	>S	0.0392U	NA	NA	NA	0.0404U	0.0430U	NA	0.0374UJ	0.0421UJ	0.0430UJ
1-Methylnaphthalene	NE	NE	NE	NE	NE	NE	NE	0.0784U	NA	NA	NA	0.0808U	0.0860U	NA	**26.2 J**	**9.74 J**	0.0860UJ
2-Methylnaphthalene	NE	NE	NE	NE	NE	NE	NE	0.0784U	NA	NA	NA	0.0808U	0.0860U	NA	**13.3 J**	**16.7 J**	0.0860UJ
Naphthalene	0.78	0.72	8,500	16,000	2,000	11,000	500	0.0784U	NA	NA	NA	0.0808U	0.0860U	NA	**2.42 J, M-02**	**73.3 J**	0.0860UJ
Phenanthrene	NE	NE	NE	NE	NE	NE	NE	0.0392U	NA	NA	NA	0.0404U	0.0430U	NA	**2.30 J**	**0.134 J**	0.0430UJ
Pyrene	>S	>S	>S	>S	>S	>S	>S	0.0392U	NA	NA	NA	0.0404U	0.0430U	NA	**0.0645 J, M-02**	0.0421UJ	0.0430UJ

See notes on next page.

Table 7. Groundwater Samples Analytical Results - Polycyclic Aromatic Hydrocarbons (PAHs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	Temporary Wells Groundwater Samples				
	GW-SB11	GW-SB12	GW-SB12-DUP	GW-SB13	RB
	ROW, to the north of the former USTs	ROW, to the northeast of the former USTs	ROW, to the northeast of the former USTs	ROW, to the east of the former USTs	Rinsate Blank
Parameter	08/19/20	08/19/20	08/19/20	08/19/20	08/19/20
PAHs (µg/L) USEPA Method 8270D SIM					
Acenaphthene	0.0202U	3.30U, R-02	2.00U. R-02	28.0U, R-02	0.0196U
Acenaphthylene	0.0202U	0.825U	0.800U	10.0U, R-02	0.0196U
Anthracene	0.0202U	0.825U	0.800U	4.00U, R-02	0.0196U
Benz(a)anthracene	0.0202U	**0.825U**	**0.800U**	**0.800U**	0.0196U
Benzo(a)pyrene	0.0303U	**1.24U**	**1.20U**	**1.20U**	0.0294U
Benzo(b)fluoranthene	0.0303U	1.24U	1.20U	1.20U	0.0294U
Benzo(k)fluoranthene	0.0303U	1.24U	1.20U	1.20U	0.0294U
Benzo(g,h,i)perylene	0.0202U	0.825U	0.800U	0.800U	0.0196U
Chrysene	0.0202U	0.825U	0.800U	0.800U	0.0196U
Dibenz(a,h)anthracene	0.0202U	**0.825U**	**0.800U**	**0.800U**	0.0196U
Dibenzofuran	0.0202U	**1.69**	**1.43**	**15.1**	0.0196U
Fluoranthene	0.0202U	0.825U	0.800U	**1.48**	0.0196U
Fluorene	0.0202U	**4.14**	**3.63**	**54.5**	0.0196U
Indeno(1,2,3-cd)pyrene	0.0202U	0.825U	0.800U	0.800U	0.0196U
1-Methylnaphthalene	**0.157**	**46.8**	**44.1**	**449**	0.0392U
2-Methylnaphthalene	**0.0754**	**41.7**	**38.1**	**487**	0.0392U
Naphthalene	**0.126**	**19.3**	**17.7**	**207**	0.0392U
Phenanthrene	0.0202U	**4.39**	**3.31**	**61.7**	0.0196U
Pyrene	0.0202U	0.825U	0.800U	**1.81**	0.0196U

See notes on next page.

Table 7. Groundwater Samples Analytical Results - Polycyclic Aromatic Hydrocarbons (PAHs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

Analytical data in bold font indicates that the value exceeds the laboratory's method reporting limit.

The laboratory method reporting limits that exceed one or more RBCs are indicated with bold blue font.

Analytical data highlighted in yellow indicates the value exceeded a generic RBC.

Data Qualifiers:

J - Estimated concentration. Samples were received outside of recommended temperature. Samples were received in two coolers at 9.9°C and 8.7°C, which exceeds the regulatory and/or laboratory requirements for proper storage at less than or equal to 6°C.

R-02 - The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.

M-02 - Due to matrix interference, this analyte cannot be accurately quantified. The reported result is estimated.

U - The analyte was analyzed for, but was not detected above the analytical laboratory method reporting limit.

Footnotes:

(a) Risk-Based Concentrations are referenced from the May 2018 update to the DEQ's Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites guidance document dated September 2003.

(b) This pathway is applicable anytime groundwater contamination is found in an aquifer that is currently used or is reasonably likely to be used for drinking water.

(c) This pathway is applicable whenever the groundwater is contaminated with volatile compounds.

(d) This pathway is applicable whenever volatile compounds in groundwater are located beneath or within 10 feet of a commercial building, or beneath or within 50 feet of a residential building, or may be in such a location in the future.

(e) This pathway is applicable in cases where construction or excavation workers may come into contact with contaminated groundwater in a semi-enclosed space such as an excavation.

Symbols/Acronyms:

bgs - below ground surface

CONST.& EXC. WORKER - construction and excavation worker receptor

DEQ - Department of Environmental Quality

ft - feet

NA - Sample was not analyzed for this analyte.

NE - No RBC levels are established for this chemical.

µg/L - micrograms per liter

OCC. - occupational receptor

RBC - risk-based concentration

>S - This groundwater RBC exceeds the solubility limit. Groundwater concentrations in excess of S indicate that free product may be present.

URB. RES. - urban residential

USEPA - United States Environmental Protection Agency

Table 8. Groundwater Samples Analytical Results - Volatile Organic Compounds (VOCs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

Parameter	DEQ Risk-Based Concentrations for Groundwater (a)							Temporary Wells Groundwater Samples									
	Ingestion and Inhalation from Tapwater (b)		Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Groundwater in Excavation (e)	GW-SB1	GW-SB2	GW-SB3	GW-SB4	GW-SB5	GW-SB6	GW-SB7	GW-SB8	GW-SB9	GW-SB10
								W Adjacent Restaurant	SE Corner	South-Central Area	SW Corner	Along W Boundary	NW Corner	Along N Boundary	NE Area Along E Boundary	NE Corner	NE Area
	URB. RES.	OCC.	URB. RES.	OCC	URB. RES.	OCC	CONST.& EXC. WORKER	10/02/18	10/01/18	10/02/18	10/02/18	10/01/18	10/02/18	10/03/18	10/03/18	10/03/18	10/03/18
VOCs (µg/L) USEPA Method 8260B																	
Acetone	NE	NE	NE	NE	NE	NE	NE	20.0U	NA	NA	NA	20.0U	20.0U	NA	20.0UJ	**23.6 J**	20.0UJ
Acrylonitrile	0.23	0.25	5300	9800	1700	9,200	250	**2.00U**	NA	NA	NA	**2.00U**	**2.00U**	NA	**4.00UJ, R-02**	**29.0UJ, R-02**	**2.00UJ**
Benzene	2.0	2.1	7,400	14,000	510	2,800	1,800	0.200U	NA	NA	NA	0.200U	0.200U	NA	**0.206 J**	**197 J**	0.200UJ
Bromobenzene	NE	NE	NE	NE	NE	NE	NE	0.500U	NA	NA	NA	0.500U	0.500U	NA	0.500UJ	0.500UJ	0.500UJ
Bromochloromethane	NE	NE	NE	NE	NE	NE	NE	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	1.00UJ	1.00UJ
Bromodichloromethane	0.62	0.60	3,200	6,000	420	2,300	450	**1.00U**	NA	NA	NA	**1.00U**	**1.00U**	NA	**1.00UJ**	**1.00UJ**	**1.00UJ**
Bromoform	15	16	300,000	550,000	85,000	470,000	14,000	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	1.00UJ	1.00UJ
Bromomethane	28	36	32,000	130,000	2,100	27,000	1,200	5.00U	NA	NA	NA	5.00U	5.00U	NA	5.00UJ, ESTa	5.00UJ, ESTa	5.00UJ, ESTa
2-Butanone (MEK)	NE	NE	NE	NE	NE	NE	NE	10.0U	NA	NA	NA	10.0U	10.0U	NA	10.0UJ	21.0UJ, R-02	10.0UJ
n-Butylbenzene	NE	NE	NE	NE	NE	NE	NE	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	**6.48 J, M-02**	1.00UJ
sec-Butylbenzene	NE	NE	NE	NE	NE	NE	NE	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	**2.36 J**	1.00UJ
tert-Butylbenzene	NE	NE	NE	NE	NE	NE	NE	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	1.00UJ	1.00UJ
Carbon disulfide	NE	NE	NE	NE	NE	NE	NE	10.0U	NA	NA	NA	10.0U	10.0U	NA	10.0UJ	10.0UJ	10.0UJ
Carbon tetrachloride	2.0	2.1	4,200	7,700	220	1,200	1,800	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	1.00UJ	1.00UJ
Chlorobenzene	290	350	>S	>S	67,000	>S	10,000	0.500U	NA	NA	NA	0.500U	0.500U	NA	**1.79 J**	0.500UJ	0.500UJ
Chloroethane (ethyl chloride)	76,000	88,000	>S	>S	2,800,000	>S	2,400,000	5.00U	NA	NA	NA	5.00U	5.00U	NA	5.00UJ	5.00UJ	5.00UJ
Chloroform	1.0	0.98	3,400	6,300	290	1,600	720	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	1.00UJ	1.00UJ
Chloromethane	690	790	440,000	1,800,000	26,000	330,000	22,000	5.00U	NA	NA	NA	5.00U	5.00U	NA	5.00UJ	5.00UJ	5.00UJ
2-Chlorotoluene	NE	NE	NE	NE	NE	NE	NE	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	1.00UJ	1.00UJ
4-Chlorotoluene	NE	NE	NE	NE	NE	NE	NE	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	1.00UJ	1.00UJ
Chlorodibromomethane	0.77	0.77	9,300	17,000	2,300	13,000	610	**1.00U**	NA	NA	NA	**1.00U**	**1.00U**	NA	**1.00UJ**	**1.00UJ**	**1.00UJ**
1,2-Dibromo-3-chloropropane	NE	NE	NE	NE	NE	NE	NE	5.00U	NA	NA	NA	5.00U	5.00U	NA	5.00UJ	5.00UJ	5.00UJ
1,2-dibromoethane (EDB)	0.034	0.034	430	790	110	590	27	**0.500U**	NA	NA	NA	**0.500U**	**0.500U**	NA	**0.500UJ**	**0.500UJ**	**0.500UJ**
Dibromoethane	NE	NE	NE	NE	NE	NE	NE	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	1.00UJ	1.00UJ
1,2-Dichlorobenzene	1,200	1,400	>S	>S	>S	>S	37,000	0.500U	NA	NA	NA	0.500U	0.500U	NA	0.500UJ	0.500UJ	0.500UJ
1,3-Dichlorobenzene	NE	NE	NE	NE	NE	NE	NE	0.500U	NA	NA	NA	0.500U	0.500U	NA	0.500UJ	0.500UJ	0.500UJ
1,4-Dichlorobenzene	2.3	2.1	12,000	21,000	1,300	7,100	1,500	0.500U	NA	NA	NA	0.500U	0.500U	NA	0.500UJ	0.500UJ	0.500UJ
Dichlorodifluoromethane	NE	NE	NE	NE	NE	NE	NE	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	1.00UJ	1.00UJ
1,1-Dichloroethane	13	13	37,000	68,000	2,600	14,000	10,000	0.400U	NA	NA	NA	0.400U	0.400U	NA	0.400UJ	0.400UJ	0.400UJ
1,2-dichloroethane (EDC)	0.78	0.78	4,900	9,000	700	3,900	630	0.400U	NA	NA	NA	0.400U	0.400U	NA	0.400UJ	0.500UJ, R-02	0.400UJ
1,1-Dichloroethene	1,100	1,400	570,000	2,400,000	29,000	360,000	44,000	0.400U	NA	NA	NA	0.400U	0.400U	NA	0.400UJ	0.400UJ	0.400UJ
cis-1,2-Dichloroethene	140	260	>S	>S	>S	>S	18,000	0.400U	NA	NA	NA	0.400U	0.400U	NA	0.400UJ	0.400UJ	0.400UJ
trans-1,2-Dichloroethene	1,400	2,600	>S	>S	>S	>S	180,000	0.400U	NA	NA	NA	0.400U	0.400U	NA	0.400UJ	0.400UJ	0.400UJ
1,2-Dichloropropane	NE	NE	NE	NE	NE	NE	NE	0.500U	NA	NA	NA	0.500U	0.500U	NA	0.500UJ	1.60UJ, R-02	0.500UJ
1,3-Dichloropropane	NE	NE	NE	NE	NE	NE	NE	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	1.00UJ	1.00UJ
2,2-Dichloropropane	NE	NE	NE	NE	NE	NE	NE	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	1.00UJ	1.00UJ
1,1-Dichloropropene	NE	NE	NE	NE	NE	NE	NE	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	1.00UJ	1.00UJ
cis-1,3-Dichloropropene	NE	NE	NE	NE	NE	NE	NE	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	1.00UJ	1.00UJ
trans-1,3-Dichloropropene	NE	NE	NE	NE	NE	NE	NE	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	1.00UJ	1.00UJ
Ethylbenzene	6.7	6.4	23,000	43,000	1,500	8,200	4,500	0.500U	NA	NA	NA	0.500U	0.500U	NA	0.500UJ	**179 J**	0.500UJ
Hexachlorobutadiene	NE	NE	NE	NE	NE	NE	NE	5.00U	NA	NA	NA	5.00U	5.00U	NA	5.00UJ	5.00UJ	5.00UJ
2-Hexanone	NE	NE	NE	NE	NE	NE	NE	10.0U	NA	NA	NA	10.0U	10.0U	NA	10.0UJ	10.0UJ	10.0UJ
iso-Propylbenzene (cumene)	1,800	2,000	>S	>S	>S	>S	51,000	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	**11.5 J**	1.00UJ

Table 8. Groundwater Samples Analytical Results - Volatile Organic Compounds (VOCs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	DEQ Risk-Based Concentrations for Groundwater (a)							Temporary Wells Groundwater Samples									
	Ingestion and Inhalation from Tapwater (b)		Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Groundwater in Excavation (e)	GW-SB1	GW-SB2	GW-SB3	GW-SB4	GW-SB5	GW-SB6	GW-SB7	GW-SB8	GW-SB9	GW-SB10
								W Adjacent Restaurant	SE Corner	South-Central Area	SW Corner	Along W Boundary	NW Corner	Along N Boundary	NE Area Along E Boundary	NE Corner	NE Area
Parameter	RES.	OCC.	RES.	OCC	RES.	OCC	CONST.& EXC.	10/02/18	10/01/18	10/02/18	10/02/18	10/01/18	10/02/18	10/03/18	10/03/18	10/03/18	10/03/18
VOCs (µg/L) USEPA Method 8260B																	
4-Isopropyltoluene	NE	NE	NE	NE	NE	NE	NE	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	1.00UJ	1.00UJ
Methylene chloride	NE	NE	NE	NE	NE	NE	NE	3.00U	NA	NA	NA	3.00U	3.00U	NA	3.00UJ	3.00UJ	3.00UJ
4-Methyl-2-pentanone (MiBK)	NE	NE	NE	NE	NE	NE	NE	10.0U	NA	NA	NA	10.0U	10.0U	NA	10.0UJ	10.0UJ	10.0UJ
methyl t-butyl ether (MTBE)	64	68	830,000	1,500,000	160,000	870,000	63,000	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	1.00UJ	1.00UJ
Naphthalene	0.78	0.72	8,500	16,000	2,000	11,000	500	**2.00U**	NA	NA	NA	**2.00U**	**2.00U**	NA	**4.29 J**	**89.7 J**	**2.00UJ**
n-Propylbenzene	NE	NE	NE	NE	NE	NE	NE	0.500U	NA	NA	NA	0.500U	0.500U	NA	**0.972 J**	**39.7 J**	0.500UJ
Styrene	4,600	5,700	>S	>S	>S	>S	170,000	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	1.00UJ	1.00UJ
1,1,1,2-Tetrachloroethane	NE	NE	NE	NE	NE	NE	NE	0.400U	NA	NA	NA	0.400U	0.400U	NA	0.400UJ	0.400UJ	0.400UJ
1,1,2,2-Tetrachloroethane	NE	NE	NE	NE	NE	NE	NE	0.500U	NA	NA	NA	0.500U	0.500U	NA	0.500UJ	0.500UJ	0.500UJ
Tetrachloroethene (PCE)	49	48	150,000	>S	8,700	48,000	34,000	0.400U	NA	NA	NA	0.400U	0.400U	NA	0.400UJ	0.400UJ	0.400UJ
Toluene	4,400	6,300	>S	>S	>S	>S	220,000	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	**30.8 J**	1.00UJ
1,2,3-Trichlorobenzene	NE	NE	NE	NE	NE	NE	NE	2.00U	NA	NA	NA	2.00U	2.00U	NA	2.00UJ	2.00UJ	2.00UJ
1,2,4-Trichlorobenzene	NE	NE	NE	NE	NE	NE	NE	2.00U	NA	NA	NA	2.00U	2.00U	NA	2.00UJ	2.00UJ	2.00UJ
1,1,1-Trichloroethane	30,000	37,000	>S	>S	>S	>S	1,100,000	0.400U	NA	NA	NA	0.400U	0.400U	NA	0.400UJ	0.400UJ	0.400UJ
1,1,2-Trichloroethane	1.3	1.3	5,600	21,000	1,000	11,000	1,000	0.500U	NA	NA	NA	0.500U	0.500U	NA	0.500UJ	0.500UJ	0.500UJ
Trichloroethene (TCE)	2.0	3.3	6,900	20,000	430	3,700	3,000	0.400U	NA	NA	NA	0.400U	0.400U	NA	0.400UJ	0.400UJ	0.400UJ
Trichlorofluoromethane	4,200	5,200	780,000	>S	36,000	460,000	160,000	2.00U	NA	NA	NA	2.00U	2.00U	NA	2.00UJ	2.00UJ	2.00UJ
1,2,3-Trichloropropane	NE	NE	NE	NE	NE	NE	NE	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	1.00UJ	1.00UJ
1,2,4-Trimethylbenzene	230	250	>S	>S	50,000	>S	6,300	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	**190 J**	1.00UJ
1,3,5-Trimethylbenzene	240	280	>S	>S	36,000	>S	7,500	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	**53.1, J**	1.00UJ
Vinyl chloride	0.066	0.49	430	5,900	21	880	960	**0.400U**	NA	NA	NA	**0.400U**	**0.400U**	NA	**0.400UJ**	**0.400UJ**	**0.400UJ**
o-Xylene	NE	NE	NE	NE	NE	NE	NE	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	**355 J**	1.00UJ
m,p-Xylene	NE	NE	NE	NE	NE	NE	NE	0.500U	NA	NA	NA	0.500U	0.500U	NA	0.500UJ	**24.3 J**	0.500UJ
Xylenes	710	830	>S	>S	86,000	>S	23,000	1.00U	NA	NA	NA	1.00U	1.00U	NA	1.00UJ	**379.3 J**	1.00UJ

See notes on next page.

Table 8. Groundwater Samples Analytical Results - Volatile Organic Compounds (VOCs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	Temporary Wells Groundwater Samples					Trip Blank
	GW-SB11	GW-SB12	GW-SB12-DUP	GW-SB13	RB	
	ROW, to the north of the former USTs	ROW, to the northeast of the former USTs	ROW, to the northeast of the former USTs	ROW, to the east of the former USTs	Rinsate Blank	
Parameter	08/19/20	08/19/20	08/19/20	08/19/20	08/19/20	8/19/2020
VOCs (µg/L) USEPA Method 8260B						
Acetone	20.0U	20.0U	20.0U	200U	20.0U	20.0U
Acrylonitrile	**2.00U**	**9.00U, R-02**	**9.00U, R-02**	**30.0U, R-02**	**2.00U**	**2.00U**
Benzene	0.200U	**8.61**	**8.88**	**4.9**	0.200U	0.200U
Bromobenzene	0.500U	0.500U	0.500U	5.00U	0.500U	0.500U
Bromochloromethane	1.00U	1.00U	1.00U	10.0U	1.00U	1.00U
Bromodichloromethane	**1.00U**	**1.00U**	**1.00U**	**10.0U**	**1.00U**	**1.00U**
Bromoform	1.00U	1.00U	1.00U	10.0U	1.00U	1.00U
Bromomethane	5.00U	5.00U	5.00U	**50.0U**	5.00U	5.00U
2-Butanone (MEK)	10.0U	10.0U	10.0U	100U	10.0U	10.0U
n-Butylbenzene	1.00U	**2.01**	**2.00**	**18.1**	1.00U	1.00U
sec-Butylbenzene	1.00U	**1.38**	**1.36**	**10.2**	1.00U	1.00U
tert-Butylbenzene	1.00U	1.00U	1.00U	10.0U	1.00U	1.00U
Carbon disulfide	10.0U	10.0U	10.0U	100U	10.0U	10.0U
Carbon tetrachloride	1.00U	1.00U	1.00U	**10.0U**	1.00U	1.00U
Chlorobenzene	0.500U	0.500U	0.500U	5.00U	0.500U	0.500U
Chloroethane (ethyl chloride)	5.00U	5.00U, EST	5.00U, EST	50.0U	5.00U	5.00U
Chloroform	1.00U	1.00U	1.00U	**10.0U**	1.00U	1.00U
Chloromethane	5.00U	5.00U	5.00U	50.0U	5.00U	5.00U
2-Chlorotoluene	1.00U	1.00U	1.00U	10.0U	1.00U	1.00U
4-Chlorotoluene	1.00U	1.00U	1.00U	10.0U	1.00U	1.00U
Chlorodibromomethane	**1.00U**	**1.00U**	**1.00U**	**10.0U**	**1.00U**	**1.00U**
1,2-Dibromo-3-chloropropane	5.00U	5.00U	5.00U	50.0U	5.00U	5.00U
1,2-dibromoethane (EDB)	**0.500U**	**0.500U**	**0.500U**	**5.00U**	**0.500U**	**0.500U**
Dibromoethane	1.00U	1.00U	1.00U	10.0U	1.00U	1.00U
1,2-Dichlorobenzene	0.500U	0.500U	0.500U	5.00U	0.500U	0.500U
1,3-Dichlorobenzene	0.500U	0.500U	0.500U	5.00U	0.500U	0.500U
1,4-Dichlorobenzene	0.500U	0.500U	0.500U	**5.00U**	0.500U	0.500U
Dichlorodifluoromethane	1.00U	1.00U	1.00U	10.0U	1.00U	1.00U
1,1-Dichloroethane	0.400U	0.400U	0.400U	4.00U	0.400U	0.400U
1,2-dichloroethane (EDC)	0.400U	0.400U	0.400U	**4.00U**	0.400U	0.400U
1,1-Dichloroethene	0.400U	0.400U	0.400U	4.00U	0.400U	0.400U
cis-1,2-Dichloroethene	0.400U	0.400U	0.400U	4.00U	0.400U	0.400U
trans-1,2-Dichloroethene	0.400U	0.400U	0.400U	4.00U	0.400U	0.400U
1,2-Dichloropropane	0.500U	0.500U	0.500U	5.00U	0.500U	0.500U
1,3-Dichloropropane	1.00U	1.00U	1.00U	10.0U	1.00U	1.00U
2,2-Dichloropropane	1.00U	1.00U	1.00U	10.0U	1.00U	1.00U
1,1-Dichloropropene	1.00U	1.00U	1.00U	10.0U	1.00U	1.00U
cis-1,3-Dichloropropene	1.00U	1.00U	1.00U	10.0U	1.00U	1.00U
trans-1,3-Dichloropropene	1.00U	1.00U	1.00U	10.0U	1.00U	1.00U
Ethylbenzene	0.500U	0.500U	0.500U	5.00U	0.500U	0.500U
Hexachlorobutadiene	5.00U	5.00U	5.00U	50.0U	5.00U	5.00U
2-Hexanone	10.0U	10.0U	10.0U	100U	10.0U	10.0U
iso-Propylbenzene (cumene)	1.00U	**3.83**	**3.75**	**14.6**	1.00U	1.00U

Table 8. Groundwater Samples Analytical Results - Volatile Organic Compounds (VOCs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	Temporary Wells Groundwater Samples					
	GW-SB11	GW-SB12	GW-SB12-DUP	GW-SB13	RB	Trip Blank
	ROW, to the north of the former USTs	ROW, to the northeast of the former USTs	ROW, to the northeast of the former USTs	ROW, to the east of the former USTs	Rinsate Blank	
Parameter	08/19/20	08/19/20	08/19/20	08/19/20	08/19/20	8/19/2020
VOCs (µg/L) USEPA Method 8260B						
4-Isopropyltoluene	1.00U	1.00U	1.00U	10.0U	1.00U	1.00U
Methylene chloride	10.0U	10.0U	10.0U	100U	10.0U	10.0U
4-Methyl-2-pentanone (MiBK)	10.0U	10.0U	10.0U	100U	10.0U	10.0U
methyl t-butyl ether (MTBE)	1.00U	1.00U	1.00U	10.0U	1.00U	1.00U
Naphthalene	**2.00U**	**29.7**	**29.4**	**528**	**2.00U**	**2.00U**
n-Propylbenzene	0.500U	**5.43**	**5.35**	**35.5**	0.500U	0.500U
Styrene	1.00U	1.00U	1.00U	10.0U	1.00U	1.00U
1,1,1,2-Tetrachloroethane	0.400U	0.400U	0.400U	4.00U	0.400U	0.400U
1,1,2,2-Tetrachloroethane	0.500U	0.500U	0.500U	5.00U	0.500U	0.500U
Tetrachloroethene (PCE)	0.400U	0.400U	0.400U	4.00U	0.400U	0.400U
Toluene	1.00U	1.00U	1.00U	10.0U	1.00U	1.00U
1,2,3-Trichlorobenzene	2.00U	2.00U	2.00U	20.0U	2.00U	2.00U
1,2,4-Trichlorobenzene	2.00U	2.00U	2.00U	20.0U	2.00U	2.00U
1,1,1-Trichloroethane	0.400U	0.400U	0.400U	4.00U	0.400U	0.400U
1,1,2-Trichloroethane	0.500U	0.500U	0.500U	**5.00U**	0.500U	0.500U
Trichloroethene (TCE)	0.400U	0.400U	0.400U	4.00U	0.400U	0.400U
Trichlorofluoromethane	2.00U	2.00U	2.00U	20.0U	2.00U	2.00U
1,2,3-Trichloropropane	1.00U	1.00U	1.00U	10.0U	1.00U	1.00U
1,2,4-Trimethylbenzene	1.00U	1.00U	1.00U	**104**	1.00U	1.00U
1,3,5-Trimethylbenzene	1.00U	1.00U	1.00U	**28.5**	1.00U	1.00U
Vinyl chloride	**0.400U**	**0.400U**	**0.400U**	**4.00U**	**0.400U**	**0.400U**
o-Xylene	1.00U	1.00U	1.00U	**37.6**	1.00U	1.00U
m,p-Xylene	0.500U	0.500U	0.500U	**9.30**	0.500U	0.500U
Xylenes	1.00U	1.00U	1.00U	**46.9**	1.00U	1.00U

See notes on next page.

Table 8. Groundwater Samples Analytical Results - Volatile Organic Compounds (VOCs)
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

Analytical data in bold font indicates that the value exceeds the laboratory's method reporting limit.

The laboratory method reporting limits that exceed one or more RBCs are indicated with bold blue font.

Analytical data highlighted in yellow indicates the value exceeded a generic RBC.

Data Qualifiers:

ESTa - Result reported as an Estimated Value. Compound failed initial calibration criteria.

J - Estimated concentration. Samples were received outside of recommended temperature. Samples were received in two coolers at 9.9°C and 8.7°C, which exceeds the regulatory and/or laboratory requirements for proper storage at less than or equal to 6°C.

M-02 - Due to matrix interference, this analyte cannot be accurately quantified. The reported result is estimated.

R-02 - The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.

U - The analyte was analyzed for, but was not detected above the analytical laboratory method reporting limit.

Footnotes:

(a) Risk-Based Concentrations are referenced from the May 2018 update to the DEQ's Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites guidance document dated September 2003.

(b) This pathway is applicable anytime groundwater contamination is found in an aquifer that is currently used or is reasonably likely to be used for drinking water.

(c) This pathway is applicable whenever the groundwater is contaminated with volatile compounds.

(d) This pathway is applicable whenever volatile compounds in groundwater are located beneath or within 10 feet of a commercial building, or beneath or within 50 feet of a residential building, or may be in such a location in the future.

(e) This pathway is applicable in cases where construction or excavation workers may come into contact with contaminated groundwater in a semi-enclosed space such as an excavation.

Symbols/Acronyms:

bgs - below ground surface

CONST.& EXC. WORKER - construction and excavation worker receptor

DEQ - Department of Environmental Quality

ft - feet

NA - Sample was not analyzed for this analyte.

NE - No RBC levels are established for this chemical.

µg/L - micrograms per liter

OCC. - occupational receptor

RBC - risk-based concentration

>S - This groundwater RBC exceeds the solubility limit. Groundwater concentrations in excess of S indicate that free product may be present.

URB. RES. - urban residential

USEPA - United States Environmental Protection Agency

Table 9. Groundwater Samples Analytical Results - Total Metals
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	DEQ Risk-Based Concentrations for Groundwater (a)							Temporary Wells Groundwater Samples									
	Ingestion and Inhalation from Tapwater (b)		Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Groundwater in Excavation (e)	GW-SB1	GW-SB2	GW-SB3	GW-SB4	GW-SB5	GW-SB6	GW-SB7	GW-SB8	GW-SB9	GW-SB10
								W Adjacent Restaurant	SE Corner	South-Central Area	SW Corner	Along W Boundary	NW Corner	Along N Boundary	NE Area Along E Boundary	NE Corner	NE Area
Parameter	URB. RES.	OCC.	URB. RES.	OCC	URB. RES.	OCC	CONST.& EXC. WORKER	10/02/18	10/01/18	10/02/18	10/02/18	10/01/18	10/02/18	10/03/18	10/03/18	10/03/18	10/03/18
Total Metals (µg/L) **USEPA Method 6020 (ICPMS)**																	
Arsenic	0.21	0.31	NV	NV	NV	NV	6,300	**1.54**	**1.01**	**2.95**	**2.22**	**14.9**	**1.56**	**5.24**	**4.23**	**11.2**	**1.25**
Barium	15,000	33,000	NV	NV	NV	NV	>S	**193**	**221**	**309**	**329**	**1,230**	**557**	**885**	**1,060**	**651**	**252**
Cadmium	73	160	NV	NV	NV	NV	130,000	0.200U	0.200U	0.200U	0.200U	**0.440**	0.200U	**0.329**	0.200U	**0.293**	0.200U
Chromium (III)	110,000	250,000	NV	NV	NV	NV	>S	**15.4**	**10.9**	**64.9**	**28.7**	**269**	**25.4**	**64.4**	**6.18**	**49.9**	**9.30**
Lead	15	15	NV	NV	NV	NV	>S	**2.51**	**0.661**	**5.31**	**3.49**	**27.1**	**1.28**	**7.48**	**0.763**	**10.5**	**0.947**
Mercury	22	49	NV	NV	NV	NV	>S	0.0800U	0.0800U	0.0800U	0.0800U	**0.283**	0.0800U	**0.11**	0.160U, R-0	**0.133**	0.160U
Selenium	NE	NE	NE	NE	NE	NE	NE	1.00U	1.00U	1.00U	1.00U	1.00U	1.00U	1.00U	1.00U	1.00U	1.00U
Silver	370	820	NV	NV	NV	NV	1,100,000	0.200U	0.200U	0.200U	0.200U	**0.387**	0.200U	0.200U	0.200U	0.200U	0.200U
Dissolved Metals (µg/L) **USEPA Method 6020 (ICPMS)**																	
Arsenic	0.21	0.31	NV	NV	NV	NV	6,300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	15,000	33,000	NV	NV	NV	NV	>S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	73	160	NV	NV	NV	NV	130,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium (III)	110,000	250,000	NV	NV	NV	NV	>S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	15	15	NV	NV	NV	NV	>S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	22	49	NV	NV	NV	NV	>S	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	370	820	NV	NV	NV	NV	1,100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See notes on next page.

Table 9. Groundwater Samples Analytical Results - Total Metals
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

	Temporary Wells Groundwater Samples				
	GW-SB11	GW-SB12	GW-SB12-DUP	GW-SB13	RB
	ROW, to the north of the former USTs	ROW, to the northeast of the former USTs	ROW, to the northeast of the former USTs	ROW, to the east of the former USTs	Rinsate Blank
Parameter	08/19/20	08/19/20	08/19/20	08/19/20	08/19/20
Total Metals (µg/L) USEPA Method 6020 (ICPMS)					
Arsenic	NA	NA	NA	NA	NA
Barium	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA
Chromium (III)	NA	NA	NA	NA	NA
Lead	**26.2**	**46.0**	**35.6**	**18.7**	0.200U
Mercury	NA	NA	NA	NA	NA
Selenium	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA
Dissolved Metals (µg/L) USEPA Method 6020 (ICPMS)					
Arsenic	NA	NA	NA	NA	NA
Barium	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA
Chromium (III)	NA	NA	NA	NA	NA
Lead	0.200U	0.200U	0.200U	0.200U	0.200U
Mercury	NA	NA	NA	NA	NA
Selenium	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA

See notes on next page.

Table 9. Groundwater Samples Analytical Results - Total Metals
Phase II Environmental Site Assessment and Supplemental Investigation - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

Analytical data in bold font indicates that the value exceeds the laboratory's method reporting limit.

Analytical data highlighted in yellow indicates the value exceeded a generic RBC.

Data Qualifiers:

R-01 - The Reporting Limit for this analyte has been raised to account for matrix interference.

U - The analyte was analyzed for, but was not detected above the analytical laboratory method reporting limit.

Footnotes:

(a) Risk-Based Concentrations are referenced from the May 2018 update to the DEQ's Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites guidance document dated September 2003.

(b) This pathway is applicable anytime groundwater contamination is found in an aquifer that is currently used or is reasonably likely to be used for drinking water.

(c) This pathway is applicable whenever the groundwater is contaminated with volatile compounds.

(d) This pathway is applicable whenever volatile compounds in groundwater are located beneath or within 10 feet of a commercial building, or beneath or within 50 feet of a residential building, or may be in such a location in the future.

(e) This pathway is applicable in cases where construction or excavation workers may come into contact with contaminated groundwater in a semi-enclosed space such as an excavation.

Symbols/Acronyms:

bgs - below ground surface

CONST.& EXC. WORKER - construction and excavation worker receptor

DEQ - Department of Environmental Quality

ft - feet

NA - Sample was not analyzed for this analyte.

NE - No RBC levels are established for this chemical.

NV - The chemical is considered "nonvolatile" for the purposes of the exposure calculations.

µg/L - micrograms per liter

OCC. - occupational receptor

RBC - risk-based concentration

>S - This groundwater RBC exceeds the solubility limit. Groundwater concentrations in excess of S indicate that free product may be present.

TCLP - toxicity characteristic leaching procedure

URB. RES. - urban residential

USEPA - United States Environmental Protection Agency

Table 10. UST Liquid Samples Analytical Results - Total Petroleum Hydrocarbons (TPHs)
UST Pre-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

Parameter	USTs Liquid Samples	
	E UST	W UST
	E UST NE Corner	W UST NE Corner
	09/21/18	09/21/18
TPHs (µg/L) DEQ Method NWTPH-Dx & NWTPH-Gx		
Diesel-range	NA	NA
Oil-range	NA	NA
Gasoline-range	**317,000 V-20**	**414,000 V-20**

See notes on next page.

Table 10. UST Liquid Samples Analytical Results - Total Petroleum Hydrocarbons (TPHs)
UST Pre-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

Analytical data in bold font indicates that the value exceeds the laboratory's method reporting limit.

Data Qualifiers:

V-20 - Appropriate containers for volatiles analysis were not provided by the client. VOA vials were poured off in the laboratory from Unpreserved container.

Footnotes:

Symbols/Acronyms:

bgs - below ground surface
DEQ - Department of Environmental Quality
ft - feet
NA - Sample was not analyzed for this analyte.
µg/L - micrograms per liter
>S - This groundwater RBC exceeds the solubility limit. Groundwater concentrations in excess of S indicate that free product may be present.
UST - underground storage tank

Table 11. UST Liquid Samples Analytical Results - Volatile Organic Compounds (VOCs)
UST Pre-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

Parameter	USTs Liquid Samples	
	E UST	W UST
	E UST NE Corner	W UST NE Corner
	09/21/18	09/21/18
VOCs (µg/L) USEPA Method 8260B		
Acetone	4,000U, V-20a	5,000U, V-20a
Acrylonitrile	400U, V-20a	500U, V-20a
Benzene	**21,300 V-20a**	**33,800 V-20a**
Bromobenzene	100U, V-20a	125U, V-20a
Bromochloromethane	200U, V-20a	250U, V-20a
Bromodichloromethane	200U, V-20a	250U, V-20a
Bromoform	200U, V-20a	250U, V-20a
Bromomethane	1,000U, V-20a	1,250U, V-20a
2-Butanone (MEK)	2,000U, V-20a	2,860, V-20a
n-Butylbenzene	200U, V-20a	250U, V-20a
sec-Butylbenzene	200U, V-20a	250U, V-20a
tert-Butylbenzene	200U, V-20a	250U, V-20a
Carbon disulfide	2,000U, V-20a	2,500U, V-20a
Carbon tetrachloride	200U, V-20a	250U, V-20a
Chlorobenzene	100U, V-20a	125U, V-20a
Chloroethane (ethyl chloride)	1,000U, V-20a	1,250U, V-20a
Chloroform	200U, V-20a	250U, V-20a
Chloromethane	1,000U, V-20a	1,250U, V-20a
2-Chlorotoluene	200U, V-20a	250U, V-20a
4-Chlorotoluene	200U, V-20a	250U, V-20a
Chlorodibromomethane	200U, V-20a	250U, V-20a
1,2-Dibromo-3-chloropropane	1,000U, V-20a	1,250U, V-20a
1,2-dibromoethane (EDB)	100U, V-20a	125U, V-20a
Dibromoethane	200U, V-20a	250U, V-20a
1,2-Dichlorobenzene	100U, V-20a	125U, V-20a
1,3-Dichlorobenzene	100U, V-20a	125U, V-20a
1,4-Dichlorobenzene	100U, V-20a	125U, V-20a
Dichlorodifluoromethane	200U, V-20a	250U, V-20a
1,1-Dichloroethane	80.0U, V-20a	100U, V-20a
1,2-dichloroethane (EDC)	**1,670 V-20a**	**2,910 V-20a**
1,1-Dichloroethene	80.0U, V-20a	100U, V-20a
cis-1,2-Dichloroethene	80.0U, V-20a	100U, V-20a
trans-1,2-Dichloroethene	80.0U, V-20a	100U, V-20a
1,2-Dichloropropane	100U, V-20a	125U, V-20a
1,3-Dichloropropane	200U, V-20a	250U, V-20a
2,2-Dichloropropane	200U, V-20a	250U, V-20a
1,1-Dichloropropene	200U, V-20a	250U, V-20a
cis-1,3-Dichloropropene	200U, V-20a	250U, V-20a
trans-1,3-Dichloropropene	200U, V-20a	250U, V-20a
Ethylbenzene	**4,520 V-20a**	**4,530 V-20a**
Hexachlorobutadiene	1,000U, V-20a	1,250U, V-20a
2-Hexanone	2,000U, V-20a	2,500U, V-20a
iso-Propylbenzene (cumene)	200U, V-20a	250U, V-20a

Table 11. UST Liquid Samples Analytical Results - Volatile Organic Compounds (VOCs)
UST Pre-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

Parameter	USTs Liquid Samples	
	E UST	W UST
	E UST NE Corner	W UST NE Corner
	09/21/18	09/21/18
VOCs (µg/L) USEPA Method 8260B		
4-Isopropyltoluene	200U, V-20a	250U, V-20a
Methylene chloride	600U, V-20a	750U, V-20a
4-Methyl-2-pentanone (MiBK)	2,000U, V-20a	2,500U, V-20a
methyl t-butyl ether (MTBE)	200U, V-20a	250U, V-20a
Naphthalene	**726 V-20a**	**888 V-20a**
n-Propylbenzene	**442 V-20a**	**605 V-20a**
Styrene	200U, V-20a	250U, V-20a
1,1,1,2-Tetrachloroethane	80.0U, V-20a	100U, V-20a
1,1,2,2-Tetrachloroethane	100U, V-20a	125U, V-20a
Tetrachloroethene (PCE)	80.0U, V-20a	100U, V-20a
Toluene	**36,400 V-20a**	**45,200 V-20a**
1,2,3-Trichlorobenzene	400U, V-20a	500U, V-20a
1,2,4-Trichlorobenzene	400U, V-20a	500U, V-20a
1,1,1-Trichloroethane	80.0U, V-20a	100U, V-20a
1,1,2-Trichloroethane	100U, V-20a	125U, V-20a
Trichloroethene (TCE)	80.0U, V-20a	100U, V-20a
Trichlorofluoromethane (Freon 11)	400U, V-20a	500U, V-20a
1,2,3-Trichloropropane	200U, V-20a	250U, V-20a
1,2,4-Trimethylbenzene	**3,010 V-20a**	**3,940 V-20a**
1,3,5-Trimethylbenzene	**736 V-20a**	**1,100 V-20a**
Vinyl chloride	80.0U, V-20a	100U, V-20a
o-Xylene	**16,500 V-20a**	**16,500 V-20a**
m,p-Xylene	**7,050 V-20a**	**6,760 V-20a**
Xylenes	**23,550 V-20a**	**23,260 V-20a**

See notes on next page.

Table 11. UST Liquid Samples Analytical Results - Volatile Organic Compounds (VOCs)
UST Pre-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

Analytical data in bold font indicates that the value exceeds the laboratory's method reporting limit.

Data Qualifiers:

U - The analyte was analyzed for, but was not detected above the analytical laboratory method reporting limit.

V-20a - Appropriate containers for volatiles analysis were not provided by the client. VOA vials were poured off in the laboratory from Unpreserved container.

Footnotes:

Symbols/Acronyms:

bgs - below ground surface

DEQ - Department of Environmental Quality

ft - feet

NE - No RBC levels are established for this chemical.

µg/L - micrograms per liter

>S - This groundwater RBC exceeds the solubility limit. Groundwater concentrations in excess of S indicate that free product may be present.

USEPA - United States Environmental Protection Agency

UST - underground storage tank

Table 12. UST Liquid Samples Analytical Results - Polychlorinated Biphenyls (PCBs)
UST Pre-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

Parameter	USTs Liquid Samples	
	E UST	W UST
	E UST NE Corner	W UST NE Corner
	09/21/18	09/21/18
PCBs (µg/L) USEPA Method 8082A		
Aroclor 1016	0.137U, C-07	0.128U, C-07
Aroclor 1221	0.137U, C-07	0.128U, C-07
Aroclor 1232	0.137U, C-07	0.128U, C-07
Aroclor 1242	0.137U, C-07	0.128U, C-07
Aroclor 1248	0.137U, C-07	0.128U, C-07
Aroclor 1254	0.137U, C-07	0.128U, C-07
Aroclor 1260	0.137U, C-07	0.128U, C-07

See notes on next page.

Table 12. UST Liquid Samples Analytical Results - Polychlorinated Biphenyls (PCBs)
UST Pre-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

Data Qualifiers:

C-07 - Extract has undergone Sulfuric Acid Cleanup by EPA 3665A, Sulfur Cleanup by EPA 3660B, and Florisil Cleanup by EPA 3620B in order to minimize matrix interference.

Footnotes:

Symbols/Acronyms:

bgs - below ground surface
DEQ - Department of Environmental Quality
ft - feet
µg/L - micrograms per liter
RBC - risk-based concentration
>S - This groundwater RBC exceeds the solubility limit. Groundwater concentrations in excess of S indicate that free product may be present.
USEPA - United States Environmental Protection Agency
UST - underground storage tank

Table 13. Soil and UST Liquid Samples Analytical Results - Toxicity Characteristic Leaching Procedure Metals
UST Pre-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

Parameter	USEPA's Maximum Concentration of Contamination for the "toxicity" Chatacrteristic (a)	Test Pit Soil Sample	USTs Liquid Samples (c)	
		MA1&3 (b)	#1 W UST	#2 E UST
		NE corner (1.0-2.5 ft bgs)	W UST NE Corner	E UST NE Corner
		09/21/18	11/9/2018	11/9/2018
TCLP Metals (µg/L) USEPA 6020 AND 6020A (ICPMS)				
Arsenic	5,000.0	NA	100U	100U
Barium	100,000.0	NA	5000U	5000U
Cadmium	1,000.0	50.0U	100U	100U
Chromium (III)	5,000.0	100U	100U	100U
Lead	5,000.0	**284**	**447**	**289**
Mercury	200.0	NA	7.00U	7.00U
Selenium	1,000.0	NA	100U	100U
Silver	5,000.0	NA	100U	100U

See notes on next page.

Table 13. Soil and UST Liquid Samples Analytical Results - Toxicity Characteristic Leaching Procedure Metals
UST Pre-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

Analytical data in bold font indicates that the value exceeds the laboratory's method reporting limit.
Sample highlighted in grey indicates the soil in that location was excavated and disposed of at Dry Creek Landfill.

Data Qualifiers:

U - The analyte was analyzed for, but was not detected above the analytical laboratory method reporting limit.

Footnotes:

(a) The USEPA 's TCLP limits are used to define whether a waste is hazardous or non-hazardous.
(b) Sample MA1&3 is a soil sample. The soil in the MA1&3 area was removed during the UST decommissioning activities and disposed of at Dry Creek Landfill in November 2018.
(c) Suspended particles or sludge.

Symbols/Acronyms:

bgs - below ground surface
ft - feet
NA - Sample was not analyzed for this analyte.
µg/L - micrograms per liter
TCLP - toxicity characteristic leaching procedure
USEPA - United States Environmental Protection Agency
UST - underground storage tank

Table 14. Confirmatory Soil Samples Analytical Results - Total Petroleum Hydrocarbons (TPHs)
UST Post-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

	DEQ Risk-Based Concentrations for Soil (a)										UST Pit Samples				
	Ingestion, Dermal Contact and Inhalation (b)				Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Leaching to Groundwater (e)		SS1-D1	SS2-D2	SS3-D3	SS4-BNW	SS5-BSW
											Dispenser 1	Dispenser 2	Dispnser 3	UST Pit Bottom Northwest	UST Pit Bottom Southwest
											(1.9 -2.0 ft bgs)	(1.8-2.0 ft bgs)	(1.8-2.0 bgs)	(10.5-11.0 ft bgs)	(10.5-11.0 ft bgs)
Parameter	URB. RES.	OCC.	CONST. WORKER	EXC. WORKER	URB. RES.	OCC.	URB. RES.	OCC.	URB. RES.	OCC.	11/16/08	11/16/08	11/16/08	11/16/08	11/16/08
TPHs (mg/kg) DEQ Method NWTPH-Dx & NWTPH-Gx															
Diesel-range	2,500	14,000	4,600	>Max	>Max	>Max	>Max	>Max	9,500	>Max	25U	25U	25U	25U	25U
Oil-range	2,500	14,000	4,600	>Max	>Max	>Max	>Max	>Max	9500	>Max	50.0U	50.0U	50.0U	50.0U	50.0U
Gasoline-range	2,500	20,000	9,700	>Max	5,900	69,000	94	>Max	31	130	7.16U	6.93U	6.22U	5.81U	6.49U

See notes on next page.

Table 14. Confirmatory Soil Samples Analytical Results - Total Petroleum Hydrocarbons (TPHs)
UST Post-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

	UST Pit Samples									
	SS6-BNE	SS7-BSE	SS8-WN	SS9-WS	SS10-WW	SS11-WE	SS12-WN-3	SS13-WS-3	SS14-FL1	SS15-FL2+3
	UST Pit Bottom Northeast	UST Pit Bottom Southeast	UST PIT Wall North	UST PIT Wall South	UST PIT Wall West	UST PIT Wall East	UST PIT Wall North	UST PIT Wall South	UST Fuel Line 1	UST Fuel Lines 2 & 3
	(11.5-12.0 ft bgs)	(11.5-12.0 ft bgs)	(9.0-10.5 ft bgs)	(9.0-10.5 ft bgs)	(9.0-10.5 ft bgs)	(9.0-10.5 ft bgs)	(0-3.0 Ft bgs)	(0-3.0 Ft bgs)	(5.0-5.5 ft bgs)	(2.5-2.7 ft bgs)
Parameter	11/16/08	11/16/08	11/19/18	11/19/18	11/19/18	11/19/18	11/19/18	11/19/18	11/19/18	11/19/18
TPHs (mg/kg) DEQ Method NWTPH-Dx & NWTPH-Gx										
Diesel-range	25U	25U	25U	25U	25U	25U	25U	25U	25U	25U
Oil-range	50.0U	50.0U	50.0U	50.0U	50.0U	50.0U	50.0U	**193**	50.0U	51.0U
Gasoline-range	8.12U	7.99U	**7.60**	**32.6**	5.98U	7.17U	6.00U	**17.1**	8.55U	5.47U

See notes on next page.

Table 14. Confirmatory Soil Samples Analytical Results - Total Petroleum Hydrocarbons (TPHs)
UST Post-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

Analytical data in bold font indicates that the value exceeds the laboratory's method reporting limit.
Analytical data highlighted in yellow indicates the value exceeded a generic RBC.

Data Qualifiers:

U - The analyte was analyzed for, but was not detected above the analytical laboratory's limit of quantitation.

Footnotes:

(a) Risk-Based Concentrations are referenced from the May 2018 update to the DEQ's Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites guidance document dated September 2003.

(b) This pathway is applicable anytime someone is likely to come into contact with contaminated soil. For the occupational scenario, exposure to contaminated soils should be considered for all contaminants found in the top three feet of soil.

(c) This pathway is applicable whenever vadose zone soils are contaminated with volatile compounds.

(d) This pathway is applicable whenever vadose zone soils contaminated with volatile compounds are located beneath or within 10 feet of a commercial building or beneath or within 50 feet of a residential building.

(e) This pathway is applicable whenever vadose zone contamination is found overlying an aquifer that is currently used or is reasonably likely to be used in the future for drinking water.

(f) The soil in the location of MA1&3 sample was removed during the UST decommissioning activities and disposed of at Dry Creek Landfill in November 2018.

Symbols/Acronyms:

bgs - below ground surface
CONST. WORKER - construction worker receptor
>Csat - The soil RBC exceeds the limit of three-phase equilibrium partitioning. Soil concentrations in excess of this value indicate free product might be present.
DEQ - Department of Environmental Quality
EXC. WORKER - excavation worker receptor
ft - feet
>Max - The constituent RBC for this pathway is greater than 1,000,000 mg/Kg or 1,000,000 mg/L. Therefore, these substances are not expected to pose risks in the scenario shown.
mg/kg - milligrams per kilogram
NA - Sample was not analyzed for this analyte.
RBC - risk-based concentration
OCC - occupational receptors
URB. RES. - urban residential
UST - underground storage tank

Table 15. Confirmatory Soil Samples Analytical Results - Polycyclic Aromatic Hydrocarbons (PAHs)
UST Post-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

	DEQ Risk-Based Concentrations for Soil (a)										UST Pit Samples				
											SS1-D1	SS2-D2	SS3-D3	SS4-BNW	SS5-BSW
	Ingestion, Dermal Contact and Inhalation (b)				Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Leaching to Groundwater (e)		Dispenser 1	Dispenser 2	Dispnser 3	UST Pit Bottom Northwest	UST Pit Bottom Southwest
											(1.9 -2.0 ft bgs)	(1.8-2.0 ft bgs)	(1.8-2.0 bgs)	(10.5-11.0 ft bgs)	(10.5-11.0 ft bgs)
Parameter	URB. RES.	OCC.	CONST. WORKER	EXC. WORKER	URB. RES.	OCC.	URB. RES.	OCC.	URB. RES.	OCC.	11/16/08	11/16/08	11/16/08	11/16/08	11/16/08
PAHs (mg/kg) USEPA Method 8270D SIM															
Acenaphthene	9,400	70,000	21,000	590,000	>Max	>Max	>Max	>Max	>Csat	>Csat	NA	NA	NA	NA	NA
Acenaphthylene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
Anthracene	47,000	350,000	110,000	>Max	>Max	>Max	>Max	>Max	>Csat	>Csat	NA	NA	NA	NA	NA
Benz(a)anthracene	2.5	21	170	4,800	>Csat	>Csat	>Csat	>Csat	6.0	>Csat	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.25	2.1	17	490	NV	NV	NV	NV	>Csat	>Csat	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	2.5	21	170	4,900	NV	NV	NV	NV	>Csat	>Csat	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	11	210	1,700	49,000	NV	NV	NV	NV	>Csat	>Csat	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
Chrysene	250	2,100	17,000	490,000	NV	NV	NV	NV	>Csat	>Csat	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.25	2.1	17	490	NV	NV	NV	NV	>Csat	>Csat	NA	NA	NA	NA	NA
Dibenzofuran	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
Fluoranthene	4,800	30,000	10,000	280,000	NV	NV	NV	NV	>Csat	>Csat	NA	NA	NA	NA	NA
Fluorene	6,300	47,000	14,000	390,000	>Max	>Max	>Max	>Max	>Csat	>Csat	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	2.5	21	170	4,900	NV	NV	NV	NV	>Csat	>Csat	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
Naphthalene	25	23	580	16,000	15	83	15	83	0.37	0.34	NA	NA	NA	NA	NA
Phenanthrene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
Pyrene	1,800	23,000	7,500	210,000	>Csat	>Csat	>Csat	>Csat	>Csat	>Csat	NA	NA	NA	NA	NA

See notes on next page.

Table 15. Confirmatory Soil Samples Analytical Results - Polycyclic Aromatic Hydrocarbons (PAHs)
UST Post-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

	UST Pit Samples									
	SS6-BNE	SS7-BSE	SS8-WN	SS9-WS	SS10-WW	SS11-WE	SS12-WN-3	SS13-WS-3	SS14-FL1	SS15-FL2+3
	UST Pit Bottom Northeast	UST Pit Bottom Southeast	UST PIT Wall North	UST PIT Wall South	UST PIT Wall West	UST PIT Wall East	UST PIT Wall North	UST PIT Wall South	UST Fuel Line 1	UST Fuel Lines 2 & 3
	(11.5-12.0 ft bgs)	(11.5-12.0 ft bgs)	(9.0-10.5 ft bgs)	(9.0-10.5 ft bgs)	(9.0-10.5 ft bgs)	(9.0-10.5 ft bgs)	(0-3.0 Ft bgs)	(0-3.0 Ft bgs)	(5.0-5.5 ft bgs)	(2.5-2.7 ft bgs)
Parameter	11/16/08	11/16/08	11/19/18	11/19/18	11/19/18	11/19/18	11/19/18	11/19/18	11/19/18	11/19/18
PAHs (mg/kg) USEPA Method 8270D SIM										
Acenaphthene	NA	NA	NA	NA	NA	0.0117U	NA	0.00997U	NA	NA
Acenaphthylene	NA	NA	NA	NA	NA	0.0117U	NA	0.00997U	NA	NA
Anthracene	NA	NA	NA	NA	NA	0.0117U	NA	0.00997U	NA	NA
Benz(a)anthracene	NA	NA	NA	NA	NA	0.0117U	NA	0.00997U	NA	NA
Benzo(a)pyrene	NA	NA	NA	NA	NA	0.0117U	NA	0.00997U	NA	NA
Benzo(b)fluoranthene	NA	NA	NA	NA	NA	0.0117U	NA	0.00997U	NA	NA
Benzo(k)fluoranthene	NA	NA	NA	NA	NA	0.0117U	NA	0.00997U	NA	NA
Benzo(g,h,i)perylene	NA	NA	NA	NA	NA	0.0117U	NA	0.00997U	NA	NA
Chrysene	NA	NA	NA	NA	NA	0.0117U	NA	0.00997U	NA	NA
Dibenz(a,h)anthracene	NA	NA	NA	NA	NA	0.0117U	NA	0.00997U	NA	NA
Dibenzofuran	NA	NA	NA	NA	NA	0.0117U	NA	0.00997U	NA	NA
Fluoranthene	NA	NA	NA	NA	NA	0.0117U	NA	0.00997U	NA	NA
Fluorene	NA	NA	NA	NA	NA	0.0117U	NA	0.00997U	NA	NA
Indeno(1,2,3-cd)pyrene	NA	NA	NA	NA	NA	0.0117U	NA	0.00997U	NA	NA
1-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	NA	NA	NA	NA	NA	0.0117U	NA	**0.0176**	NA	NA
Phenanthrene	NA	NA	NA	NA	NA	0.0117U	NA	0.00997U	NA	NA
Pyrene	NA	NA	NA	NA	NA	0.0117U	NA	0.00997U	NA	NA

See notes on next page.

Table 15. Confirmatory Soil Samples Analytical Results - Polycyclic Aromatic Hydrocarbons (PAHs)
UST Post-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

Analytical data in bold font indicates that the value exceeds the laboratory's method reporting limit.

Data Qualifiers:

U - The analyte was analyzed for, but was not detected above the analytical laboratory method reporting limit.

Footnotes:

(a) Risk-Based Concentrations are referenced from the May 2018 update to the DEQ's Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites guidance document dated September 2003.

(b) This pathway is applicable anytime someone is likely to come into contact with contaminated soil. For the occupational scenario, exposure to contaminated soils should be considered for all contaminants found in the top three feet of soil.

(c) This pathway is applicable whenever vadose zone soils are contaminated with volatile compounds.

(d) This pathway is applicable whenever vadose zone soils contaminated with volatile compounds are located beneath or within 10 feet of a commercial building or beneath or within 50 feet of a residential building.

(e) This pathway is applicable whenever vadose zone contamination is found overlying an aquifer that is currently used or is reasonably likely to be used in the future for drinking water.

(f) The soil in the location of MA1&3 sample was removed during the UST decommissioning activities and disposed of at Dry Creek Landfill in November 2018.

Symbols/Acronyms:

bgs - below ground surface

CONST. WORKER - construction worker receptor

>Csat - The soil RBC exceeds the limit of three-phase equilibrium partitioning. Soil concentrations in excess of this value indicate free product might be present.

DEQ - Department of Environmental Quality

EXC. WORKER - excavation worker receptor

ft - feet

>Max - The constituent RBC for this pathway is greater than 1,000,000 mg/Kg or 1,000,000 mg/L. Therefore, these substances are not expected to pose risks in the scenario s

mg/kg - milligrams per kilogram

NA - Sample was not analyzed for this analyte.

NE - No RBC levels are established for this chemical.

RBC - risk-based concentration

OCC - occupational receptors

URB. RES. - urban residential

USEPA - United States Environmental Protection Agency

UST - underground storage tank

Table 16. Confirmatory Soil Samples Analytical Results - Volatile Organic Compounds (VOCs)
UST Post-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

	DEQ Risk-Based Concentrations for Soil (a)										UST Pit Samples				
	Ingestion, Dermal Contact and Inhalation (b)				Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Leaching to Groundwater (e)		SS1-D1	SS2-D2	SS3-D3	SS4-BNW	SS5-BSW
											Dispenser 1	Dispenser 2	Dispnser 3	UST Pit Bottom Northwest	UST Pit Bottom Southwest
											(1.9 -2.0 ft bgs)	(1.8-2.0 ft bgs)	(1.8-2.0 bgs)	(10.5-11.0 ft bgs)	(10.5-11.0 ft bgs)
Parameter	URB. RES.	OCC.	CONST. WORKER	EXC. WORKER	URB. RES.	OCC.	URB. RES.	OCC.	URB. RES.	OCC.	11/16/08	11/16/08	11/16/08	11/16/08	11/16/08
VOCs (mg/kg) USEPA Method 8260B															
Acetone	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
Acrylonitrile	2.5	4.0	40	1,100	3.1	5.8	0.19	1.0	0.0016	0.0017	NA	NA	NA	NA	NA
Benzene	24	37	380	11,000	27	50	0.38	2.1	0.10	0.10	NA	NA	NA	NA	NA
Bromobenzene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
Bromochloromethane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
Bromodichloromethane	12	15	230	6,300	5.7	11	0.096	0.53	0.0091	0.0088	NA	NA	NA	NA	NA
Bromoform	57	260	2,700	74,000	81	360	8.2	110	0.046	0.22	NA	NA	NA	NA	NA
Bromomethane	92	750	370	10,000	170	700	1.3	17	0.30	0.40	NA	NA	NA	NA	NA
2-Butanone (MEK)	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
n-Butylbenzene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
sec-Butylbenzene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
tert-Butylbenzene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
Carbon disulfide	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
Carbon tetrachloride	21	34	320	8,900	35	65	0.28	1.6	0.055	0.058	NA	NA	NA	NA	NA
Chlorobenzene	1,100	8,700	4,700	130,000	>Csat	>Csat	77	>Csat	22	27	NA	NA	NA	NA	NA
Chloroethane (ethyl chloride)	320,000	>Max	>Max	>Max	>Csat	>Max	>Csat	>Csat	1,100	1,300	NA	NA	NA	NA	NA
Chloroform	22	26	410	11,000	9.2	17	0.074	0.41	0.016	0.015	NA	NA	NA	NA	NA
Chloromethane	2,900	25,000	25,000	700,000	>Csat	>Csat	24	300	7.9	9.1	NA	NA	NA	NA	NA
2-Chlorotoluene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
4-Chlorotoluene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
Dibromochloromethane	12	17	210	5,800	7.8	14	0.53	2.9	0.0110	0.011	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
1,2-dibromoethane (EDB)	0.53	0.73	9.0	250	0.35	0.65	0.028	0.16	0.00056	0.00056	NA	NA	NA	NA	NA
Dibromomethane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	4,400	36,000	20,000	560,000	>Csat	>Csat	>Csat	>Csat	140	160	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	62	64	1,300	36,000	19	36	2.3	13	0.27	0.25	NA	NA	NA	NA	NA
Dichlorodifluoromethane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
1,1-Dichloroethane	190	260	3,200	89,000	130	240	1.1	5.9	0.20	0.20	NA	NA	NA	NA	NA
1,2-dichloroethane (EDC)	12	16	200	5,600	8.1	15	0.18	1.0	0.013	0.013	NA	NA	NA	NA	NA
1,1-Dichloroethene	3,500	29,000	13,000	370,000	>Csat	>Csat	54	680	25	32	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	310	2,300	710	20,000	>Max	>Max	>Max	>Max	2.4	4.5	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	3,100	23,000	7,100	200,000	>Max	>Max	>Max	>Max	27	51	NA	NA	NA	NA	NA
1,2-Dichloropropane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
1,3-Dichloropropane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA

Table 16. Confirmatory Soil Samples Analytical Results - Volatile Organic Compounds (VOCs)
UST Post-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

	DEQ Risk-Based Concentrations for Soil (a)										UST Pit Samples				
											SS1-D1	SS2-D2	SS3-D3	SS4-BNW	SS5-BSW
	Ingestion, Dermal Contact and Inhalation (b)				Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Leaching to Groundwater (e)		Dispenser 1	Dispenser 2	Dispnser 3	UST Pit Bottom Northwest	UST Pit Bottom Southwest
											(1.9 -2.0 ft bgs)	(1.8-2.0 ft bgs)	(1.8-2.0 bgs)	(10.5-11.0 ft bgs)	(10.5-11.0 ft bgs)
Parameter	URB. RES.	OCC.	CONST. WORKER	EXC. WORKER	URB. RES.	OCC.	URB. RES.	OCC.	URB. RES.	OCC.	11/16/08	11/16/08	11/16/08	11/16/08	11/16/08
VOCs (mg/kg)															
USEPA Method 8260B															
2,2-Dichloropropane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
1,1-Dichloropropene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
Ethylbenzene	110	150	1,700	49,000	85	150	3.0	17	0.94	0.90	NA	NA	NA	NA	NA
Hexachlorobutadiene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
2-Hexanone	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
iso-Propylbenzene (cumene)	7,000	57,000	27,000	750,000	>Csat	>Csat	>Csat	>Csat	>Csat	>Csat	NA	NA	NA	NA	NA
4-Isopropyltoluene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
Methylene chloride	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MiBK)	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
methyl t-butyl ether (MTBE)	730	1,100	12,000	320,000	810	1,500	20	110	0.50	0.54	NA	NA	NA	NA	NA
Naphthalene	25	23	580	16,000	15	83	15	83	0.37	0.34	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
Styrene	16,000	130,000	56,000	>Max	>Csat	>Csat	>Csat	>Csat	640	800	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
Tetrachloroethene (PCE)	540	1,000	10,000	280,000	>Csat	>Csat	6.6	36	1.9	1.9	NA	NA	NA	NA	NA
Toluene	5,800	88,000	28,000	770,000	>Csat	>Csat	>Csat	>Csat	150	490	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	110,000	870,000	470,000	>Max	>Csat	>Csat	>Csat	>Csat	710	880	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	6.3	26	320	8,900	6.7	24	0.38	4.2	0.029	0.029	NA	NA	NA	NA	NA
Trichloroethene (TCE)	17.0	51	470	13,000	33	96	0.26	2.3	0.053	0.087	NA	NA	NA	NA	NA
Trichlorofluoromethane	15,000	130,000	69,000	>Max	>Csat	>Csat	190	>Csat	230	280	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	860	6,900	2,900	81,000	>Csat	>Csat	140	>Csat	43	48	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	860	6,900	2,900	81,000	>Csat	>Csat	98	>Csat	45	53	NA	NA	NA	NA	NA
Vinyl chloride	0.80	4.4	34	950	6.5	89	0.053	2.2	0.0014	0.010	NA	NA	NA	NA	NA
m,p-Xylene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
o-Xylene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA	NA	NA
Xylenes	2,900	25,000	20,000	560,000	>Csat	>Csat	160	>Csat	87	100	NA	NA	NA	NA	NA

See notes on next page.

Table 16. Confirmatory Soil Samples Analytical Results - Volatile Organic Compounds (VOCs)
UST Post-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

	UST Pit Samples									
	SS6-BNE	SS7-BSE	SS8-WN	SS9-WS	SS10-WW	SS11-WE	SS12-WN-3	SS13-WS-3	SS14-FL1	SS15-FL2+3
	UST Pit Bottom Northeast	UST Pit Bottom Southeast	UST PIT Wall North	UST PIT Wall South	UST PIT Wall West	UST PIT Wall East	UST PIT Wall North	UST PIT Wall South	UST Fuel Line 1	UST Fuel Lines 2 & 3
	(11.5-12.0 ft bgs)	(11.5-12.0 ft bgs)	(9.0-10.5 ft bgs)	(9.0-10.5 ft bgs)	(9.0-10.5 ft bgs)	(9.0-10.5 ft bgs)	(0-3.0 Ft bgs)	(0-3.0 Ft bgs)	(5.0-5.5 ft bgs)	(2.5-2.7 ft bgs)
Parameter	11/16/08	11/16/08	11/19/18	11/19/18	11/19/18	11/19/18	11/19/18	11/19/18	11/19/18	11/19/18
VOCs (mg/kg) USEPA Method 8260B										
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NA	NA	NA	0.0149U	NA	**0.0186**	NA	0.0156U	NA	NA
Bromobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane (ethyl chloride)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-dibromoethane (EDB)	NA	NA	NA	**0.0743U**	NA	**0.0717U**	NA	**0.0780U**	NA	NA
Dibromomethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-dichloroethane (EDC)	NA	NA	NA	**0.0372U**	NA	**0.0358U**	NA	**0.0390U**	NA	NA
1,1-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 16. Confirmatory Soil Samples Analytical Results - Volatile Organic Compounds (VOCs)
UST Post-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

	UST Pit Samples									
	SS6-BNE	SS7-BSE	SS8-WN	SS9-WS	SS10-WW	SS11-WE	SS12-WN-3	SS13-WS-3	SS14-FL1	SS15-FL2+3
	UST Pit Bottom Northeast	UST Pit Bottom Southeast	UST PIT Wall North	UST PIT Wall South	UST PIT Wall West	UST PIT Wall East	UST PIT Wall North	UST PIT Wall South	UST Fuel Line 1	UST Fuel Lines 2 & 3
	(11.5-12.0 ft bgs)	(11.5-12.0 ft bgs)	(9.0-10.5 ft bgs)	(9.0-10.5 ft bgs)	(9.0-10.5 ft bgs)	(9.0-10.5 ft bgs)	(0-3.0 Ft bgs)	(0-3.0 Ft bgs)	(5.0-5.5 ft bgs)	(2.5-2.7 ft bgs)
Parameter	11/16/08	11/16/08	11/19/18	11/19/18	11/19/18	11/19/18	11/19/18	11/19/18	11/19/18	11/19/18
VOCs (mg/kg) USEPA Method 8260B										
2,2-Dichloropropane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	NA	NA	NA	0.0372U	NA	**0.0408**	NA	0.0390U	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
iso-Propylbenzene (cumene)	NA	NA	NA	0.0743U	NA	0.0717U	NA	0.0780U	NA	NA
4-Isopropyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MiBK)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
methyl t-butyl ether (MTBE)	NA	NA	NA	0.0743U	NA	0.0717U	NA	0.0780U	NA	NA
Naphthalene	NA	NA	NA	0.149U	NA	0.143U	NA	0.156U	NA	NA
n-Propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene (PCE)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	NA	NA	NA	0.0743U	NA	**0.172**	NA	0.0780U	NA	NA
1,2,3-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene (TCE)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	NA	NA	NA	0.0743	NA	0.0717U	NA	0.0780U	NA	NA
1,3,5-Trimethylbenzene	NA	NA	NA	0.0743U	NA	0.0717U	NA	0.0780U	NA	NA
Vinyl chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes	NA	NA	NA	0.111U	NA	**0.183**	NA	0.117U	NA	NA

See notes on next page.

Table 16. Confirmatory Soil Samples Analytical Results - Volatile Organic Compounds (VOCs)
UST Post-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

Analytical data in bold font indicates that the value exceeds the laboratory's method reporting limit.
The laboratory method reporting limits that exceed one or more RBCs are indicated with bold blue font.

Data Qualifiers:

U - The analyte was analyzed for, but was not detected above the analytical laboratory method reporting limit.

Footnotes:

(a) Risk-Based Concentrations are referenced from the May 2018 update to the DEQ's Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites guidance document dated September 2003.

(b) This pathway is applicable anytime someone is likely to come into contact with contaminated soil. For the occupational scenario, exposure to contaminated soils should be considered for all contaminants found in the top three feet of soil.

(c) This pathway is applicable whenever vadose zone soils are contaminated with volatile compounds.

(d) This pathway is applicable whenever vadose zone soils contaminated with volatile compounds are located beneath or within 10 feet of a commercial building or beneath or within 50 feet of a residential building.

(e) This pathway is applicable whenever vadose zone contamination is found overlying an aquifer that is currently used or is reasonably likely to be used in the future for drinking water.

(f) The soil in the location of MA1&3 sample was removed during the UST decommissioning activities and disposed of at Dry Creek Landfill in November 2018.

Symbols/Acronyms:

bgs - below ground surface
CONST. WORKER - construction worker receptor
>Csat - The soil RBC exceeds the limit of three-phase equilibrium partitioning. Soil concentrations in excess of this value indicate free product might be present.
DEQ - Department of Environmental Quality
EXC. WORKER - excavation worker receptor
ft - feet
>Max - The constituent RBC for this pathway is greater than 1,000,000 mg/Kg or 1,000,000 mg/L. Therefore, these substances are not expected to pose risks in the scenario shown.
mg/kg - milligrams per kilogram
NA - Sample was not analyzed for this analyte.
NE - No RBC levels are established for this chemical.
RBC - risk-based concentration
OCC - occupational receptors
URB. RES. - urban residential
USEPA - United States Environmental Protection Agency
UST - underground storage tank

Table 17. Confirmatory Groundwater Samples Analytical Results - Total Petroleum Hydrocarbons (TPHs)
UST Post-Decommissioning Activities -102-104 S. Pacific Highway, Talent, Oregon

Parameter	DEQ Risk-Based Concentrations for Groundwater (a)							Open Excavation
	Ingestion and Inhalation from Tapwater (b)		Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Groundwater in Excavation (e)	Pit Water / UST Excavation
	URB. RES.	OCC.	URB. RES.	OCC	URB. RES.	OCC	CONST.& EXC. WORKER	11/19/18
TPHs (µg/L) **DEQ Method NWTPH-Dx and NWTPH-Gx**								
Diesel-range	100	430	>S	>S	>S	>S	>S	**185U**
Oil-range	100	430	>S	>S	>S	>S	>S	**370U**
Gasoline-range	110	450	>S	>S	22,000	>S	14,000	**1,870**

See notes on next page.

Table 17. Confirmatory Groundwater Samples Analytical Results - Total Petroleum Hydrocarbons (TPHs)
UST Post-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

Analytical data in bold font indicates that the value exceeds the laboratory's method reporting limit.

Analytical data highlighted in yellow indicates the value exceeded a generic RBC.

The laboratory method reporting limits that exceed one or more RBCs are indicated with bold blue font.

Data Qualifiers:

U - The analyte was analyzed for, but was not detected above the analytical laboratory method reporting limit.

Footnotes:

(a) Risk-Based Concentrations are referenced from the May 2018 update to the DEQ's Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites guidance document dated September 2003.

(b) This pathway is applicable anytime groundwater contamination is found in an aquifer that is currently used or is reasonably likely to be used for drinking water.

(c) This pathway is applicable whenever the groundwater is contaminated with volatile compounds.

(d) This pathway is applicable whenever volatile compounds in groundwater are located beneath or within 10 feet of a commercial building, or beneath or within 50 feet of a residential building, or may be in such a location in the future.

(e) This pathway is applicable in cases where construction or excavation workers may come into contact with contaminated groundwater in a semi-enclosed space such as an excavation.

Symbols/Acronyms:

bgs - below ground surface

CONST.& EXC. WORKER - construction and excavation worker receptor

DEQ - Department of Environmental Quality

ft - feet

NA - Sample was not analyzed for this analyte.

µg/L - micrograms per liter

OCC. - occupational receptor

RBC - risk-based concentration

>S - This groundwater RBC exceeds the solubility limit. Groundwater concentrations in excess of S indicate that free product may be present.

URB. RES. - urban residential

UST - underground storage tank

Table 18. Confirmatory Groundwater Samples Analytical Results - Polycyclic Aromatic Hydrocarbons (PAHs)
UST Post-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

	DEQ Risk-Based Concentrations for Groundwater (a)							Open Excavation
	Ingestion and Inhalation from Tapwater (b)		Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Groundwater in Excavation (e)	Pit Water
								UST Excavation
Parameter	URB. RES.	OCC.	URB. RES.	OCC	URB. RES.	OCC	CONST.& EXC. WORKER	11/19/18
PAHs (µg/L) **USEPA Method 8270D SIM**								
Acenaphthene	2,400	2,500	>S	>S	>S	>S	>S	0.0392U
Acenaphthylene	NE	NE	NE	NE	NE	NE	NE	0.0392U
Anthracene	>S	>S	>S	>S	>S	>S	>S	0.0392U
Benz(a)anthracene	0.11	0.38	>S	>S	>S	>S	>S	0.0392U
Benzo(a)pyrene	0.080	0.47	NV	NV	NV	NV	>S	0.0392U
Benzo(b)fluoranthene	>S	>S	NV	NV	NV	NV	>S	0.0392U
Benzo(k)fluoranthene	>S	>S	NV	NV	NV	NV	>S	0.0392U
Benzo(g,h,i)perylene	NE	NE	NE	NE	NE	NE	NE	0.0392U
Chrysene	>S	>S	NV	NV	NV	NV	>S	0.0392U
Dibenz(a,h)anthracene	0.080	0.47	NV	NV	NV	NV	>S	0.0392U
Dibenzofuran	NE	NE	NE	NE	NE	NE	NE	0.0392U
Fluoranthene	>S	>S	NV	NV	NV	NV	>S	0.0392U
Fluorene	1,400	1,300	>S	>S	>S	>S	>S	**0.0673**
Indeno(1,2,3-cd)pyrene	>S	>S	NV	NV	NV	NV	>S	0.0392U
1-Methylnaphthalene	NE	NE	NE	NE	NE	NE	NE	**3.72**
2-Methylnaphthalene	NE	NE	NE	NE	NE	NE	NE	**6.17**
Naphthalene	0.78	0.72	8,500	16,000	2,000	11,000	500	**11.9**
Phenanthrene	NE	NE	NE	NE	NE	NE	NE	**0.111**
Pyrene	>S	>S	>S	>S	>S	>S	>S	0.0392U

See notes on next page.

Table 18. Confirmatory Groundwater Samples Analytical Results - Polycyclic Aromatic Hydrocarbons (PAHs)
UST Post-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

Analytical data in bold font indicates that the value exceeds the laboratory's method reporting limit.
Analytical data highlighted in yellow indicates the value exceeded a generic RBC.

Data Qualifiers:

U - The analyte was analyzed for, but was not detected above the analytical laboratory method reporting limit.

Footnotes:

(a) Risk-Based Concentrations are referenced from the May 2018 update to the DEQ's Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites guidance document dated September 2003.

(b) This pathway is applicable anytime groundwater contamination is found in an aquifer that is currently used or is reasonably likely to be used for drinking water.

(c) This pathway is applicable whenever the groundwater is contaminated with volatile compounds.

(d) This pathway is applicable whenever volatile compounds in groundwater are located beneath or within 10 feet of a commercial building, or beneath or within 50 feet of a residential building, or may be in such a location in the future.

(e) This pathway is applicable in cases where construction or excavation workers may come into contact with contaminated groundwater in a semi-enclosed space such as an excavation.

Symbols/Acronyms:

bgs - below ground surface
CONST.& EXC. WORKER - construction and excavation worker receptor
DEQ - Department of Environmental Quality
ft - feet
NA - Sample was not analyzed for this analyte.
NE - No RBC levels are established for this chemical.
µg/L - micrograms per liter
OCC. - occupational receptor
RBC - risk-based concentration
>S - This groundwater RBC exceeds the solubility limit. Groundwater concentrations in excess of S indicate that free product may be present.
URB. RES. - urban residential
USEPA - United States Environmental Protection Agency
UST - underground storage tank

Table 19. Confirmatory Groundwater Samples Analytical Results - Volatile Organic Compounds (VOCs)
UST Post-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

	DEQ Risk-Based Concentrations for Groundwater (a)							Open Excavation
	Ingestion and Inhalation from Tapwater (b)		Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Groundwater in Excavation (e)	Pit Water
								UST Excavation
Parameter	URB. RES.	OCC.	URB. RES.	OCC	URB. RES.	OCC	CONST.& EXC. WORKER	11/19/18
VOCs (µg/L) USEPA Method 8260B								
Acetone	NE	NE	NE	NE	NE	NE	NE	NA
Acrylonitrile	0.23	0.25	5300	9800	1700	9,200	250	NA
Benzene	2.0	2.1	7,400	14,000	510	2,800	1,800	**23.4 B-02**
Bromobenzene	NE	NE	NE	NE	NE	NE	NE	NA
Bromochloromethane	NE	NE	NE	NE	NE	NE	NE	NA
Bromodichloromethane	0.62	0.60	3,200	6,000	420	2,300	450	NA
Bromoform	15	16	300,000	550,000	85,000	470,000	14,000	NA
Bromomethane	28	36	32,000	130,000	2,100	27,000	1,200	NA
2-Butanone (MEK)	NE	NE	NE	NE	NE	NE	NE	NA
n-Butylbenzene	NE	NE	NE	NE	NE	NE	NE	NA
sec-Butylbenzene	NE	NE	NE	NE	NE	NE	NE	NA
tert-Butylbenzene	NE	NE	NE	NE	NE	NE	NE	NA
Carbon disulfide	NE	NE	NE	NE	NE	NE	NE	NA
Carbon tetrachloride	2.0	2.1	4,200	7,700	220	1,200	1,800	NA
Chlorobenzene	290	350	>S	>S	67,000	>S	10,000	NA
Chloroethane (ethyl chloride)	76,000	88,000	>S	>S	2,800,000	>S	2,400,000	NA
Chloroform	1.0	0.98	3,400	6,300	290	1,600	720	NA
Chloromethane	690	790	440,000	1,800,000	26,000	330,000	22,000	NA
2-Chlorotoluene	NE	NE	NE	NE	NE	NE	NE	NA
4-Chlorotoluene	NE	NE	NE	NE	NE	NE	NE	NA
Chlorodibromomethane	0.77	0.77	9,300	17,000	2,300	13,000	610	NA
1,2-Dibromo-3-chloropropane	NE	NE	NE	NE	NE	NE	NE	NA
1,2-dibromoethane (EDB)	0.034	0.034	430	790	110	590	27	**0.500U**
Dibromoethane	NE	NE	NE	NE	NE	NE	NE	NA
1,2-Dichlorobenzene	1,200	1,400	>S	>S	>S	>S	37,000	NA
1,3-Dichlorobenzene	NE	NE	NE	NE	NE	NE	NE	NA
1,4-Dichlorobenzene	2.3	2.1	12,000	21,000	1,300	7,100	1,500	NA
Dichlorodifluoromethane	NE	NE	NE	NE	NE	NE	NE	NA
1,1-Dichloroethane	13	13	37,000	68,000	2,600	14,000	10,000	NA
1,2-dichloroethane (EDC)	0.78	0.78	4,900	9,000	700	3,900	630	0.500U
1,1-Dichloroethene	1,100	1,400	570,000	2,400,000	29,000	360,000	44,000	NA
cis-1,2-Dichloroethene	140	260	>S	>S	>S	>S	18,000	NA
trans-1,2-Dichloroethene	1,400	2,600	>S	>S	>S	>S	180,000	NA
1,2-Dichloropropane	NE	NE	NE	NE	NE	NE	NE	NA
1,3-Dichloropropane	NE	NE	NE	NE	NE	NE	NE	NA
2,2-Dichloropropane	NE	NE	NE	NE	NE	NE	NE	NA
1,1-Dichloropropene	NE	NE	NE	NE	NE	NE	NE	NA
cis-1,3-Dichloropropene	NE	NE	NE	NE	NE	NE	NE	NA
trans-1,3-Dichloropropene	NE	NE	NE	NE	NE	NE	NE	NA
Ethylbenzene	6.7	6.4	23,000	43,000	1,500	8,200	4,500	**33.9**
Hexachlorobutadiene	NE	NE	NE	NE	NE	NE	NE	NA
2-Hexanone	NE	NE	NE	NE	NE	NE	NE	NA
iso-Propylbenzene (cumene)	1,800	2,000	>S	>S	>S	>S	51,000	**3.32**

Table 19. Confirmatory Groundwater Samples Analytical Results - Volatile Organic Compounds (VOCs)
UST Post-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

	DEQ Risk-Based Concentrations for Groundwater (a)							Open Excavation
	Ingestion and Inhalation from Tapwater (b)		Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Groundwater in Excavation (e)	Pit Water / UST Excavation
Parameter	URB. RES.	OCC.	URB. RES.	OCC	URB. RES.	OCC	CONST.& EXC. WORKER	11/19/18
VOCs (µg/L) USEPA Method 8260B								
4-Isopropyltoluene	NE	NE	NE	NE	NE	NE	NE	NA
Methylene chloride	NE	NE	NE	NE	NE	NE	NE	NA
4-Methyl-2-pentanone (MiBK)	NE	NE	NE	NE	NE	NE	NE	NA
methyl t-butyl ether (MTBE)	64	68	830,000	1,500,000	160,000	870,000	63,000	1.00U
Naphthalene	0.78	0.72	8,500	16,000	2,000	11,000	500	**21.4**
n-Propylbenzene	NE	NE	NE	NE	NE	NE	NE	NA
Styrene	4,600	5,700	>S	>S	>S	>S	170,000	NA
1,1,1,2-Tetrachloroethane	NE	NE	NE	NE	NE	NE	NE	NA
1,1,2,2-Tetrachloroethane	NE	NE	NE	NE	NE	NE	NE	NA
Tetrachloroethene (PCE)	49	48	150,000	>S	8,700	48,000	34,000	NA
Toluene	4,400	6,300	>S	>S	>S	>S	220,000	**6.47**
1,2,3-Trichlorobenzene	NE	NE	NE	NE	NE	NE	NE	NA
1,2,4-Trichlorobenzene	NE	NE	NE	NE	NE	NE	NE	NA
1,1,1-Trichloroethane	30,000	37,000	>S	>S	>S	>S	1,100,000	NA
1,1,2-Trichloroethane	1.3	1.3	5,600	21,000	1,000	11,000	1,000	NA
Trichloroethene (TCE)	2.0	3.3	6,900	20,000	430	3,700	3,000	NA
Trichlorofluoromethane (Freor	4,200	5,200	780,000	>S	36,000	460,000	160,000	NA
1,2,3-Trichloropropane	NE	NE	NE	NE	NE	NE	NE	NA
1,2,4-Trimethylbenzene	230	250	>S	>S	50,000	>S	6,300	**58.9**
1,3,5-Trimethylbenzene	240	280	>S	>S	3.6E+04	>S	7,500	**16.3**
Vinyl chloride	0.066	0.49	430	5,900	21	880	960	NA
o-Xylene	NE	NE	NE	NE	NE	NE	NE	NA
m,p-Xylene	NE	NE	NE	NE	NE	NE	NE	NA
Xylenes	710	830	>S	>S	86,000	>S	23,000	**90.2**

See notes on next page.

Table 19. Confirmatory Groundwater Samples Analytical Results - Volatile Organic Compounds (VOCs)
UST Post-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

Analytical data in bold font indicates that the value exceeds the laboratory's method reporting limit.

The laboratory method reporting limits that exceed one or more RBCs are indicated with bold blue font.

Analytical data highlighted in yellow indicates the value exceeded a generic RBC.

Data Qualifiers:

B-02 - Analyte detected in an associated blank at a level between one-half the MRL and the MRL. (See Notes and Conventions below.)

U - The analyte was analyzed for, but was not detected above the analytical laboratory method reporting limit.

Footnotes:

(a) Risk-Based Concentrations are referenced from the May 2018 update to the DEQ's Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites guidance document dated September 2003.

(b) This pathway is applicable anytime groundwater contamination is found in an aquifer that is currently used or is reasonably likely to be used for drinking water.

(c) This pathway is applicable whenever the groundwater is contaminated with volatile compounds.

(d) This pathway is applicable whenever volatile compounds in groundwater are located beneath or within 10 feet of a commercial building, or beneath or within 50 feet of a residential building, or may be in such a location in the future.

(e) This pathway is applicable in cases where construction or excavation workers may come into contact with contaminated groundwater in a semi-enclosed space such as an excavation.

Symbols/Acronyms:

bgs - below ground surface

CONST.& EXC. WORKER - construction and excavation worker receptor

DEQ - Department of Environmental Quality

ft - feet

NA - Sample was not analyzed for this analyte.

NE - No RBC levels are established for this chemical.

µg/L - micrograms per liter

OCC. - occupational receptor

RBC - risk-based concentration

>S - This groundwater RBC exceeds the solubility limit. Groundwater concentrations in excess of S indicate that free product may be present.

URB. RES. - urban residential

USEPA - United States Environmental Protection Agency

UST - underground storage tank

Table 20. Confirmatory Groundwater Samples Analytical Results - Total and Dissolved Metals
UST Post-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

	DEQ Risk-Based Concentrations for Groundwater (a)							Open Excavation
	Ingestion and Inhalation from Tapwater (b)		Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Groundwater in Excavation (e)	Pit Water
								UST Excavation
Parameter	URB. RES.	OCC.	URB. RES.	OCC	URB. RES.	OCC	CONST.& EXC. WORKER	11/19/18
Total Metals (µg/L) USEPA Method 200.8 (ICPMS)								
Arsenic	0.21	0.31	NV	NV	NV	NV	6,300	NA
Barium	15,000	33,000	NV	NV	NV	NV	>S	NA
Cadmium	73	160	NV	NV	NV	NV	130,000	NA
Chromium (III)	110,000	250,000	NV	NV	NV	NV	>S	NA
Lead	15	15	NV	NV	NV	NV	>S	**1.71**
Mercury	22	49	NV	NV	NV	NV	>S	NA
Selenium	NE	NE	NE	NE	NE	NE	NE	NA
Silver	370	820	NV	NV	NV	NV	1,100,000	NA
Dissolved Metals (µg/L) USEPA Method 200.8(ICPMS)								
Arsenic	0.21	0.31	NV	NV	NV	NV	6,300	NA
Barium	15,000	33,000	NV	NV	NV	NV	>S	NA
Cadmium	73	160	NV	NV	NV	NV	130,000	NA
Chromium (III)	110,000	250,000	NV	NV	NV	NV	>S	NA
Lead	15	15	NV	NV	NV	NV	>S	**1.18**
Mercury	22	49	NV	NV	NV	NV	>S	NA
Selenium	NE	NE	NE	NE	NE	NE	NE	NA
Silver	370	820	NV	NV	NV	NV	1,100,000	NA

See notes on next page.

Table 20. Confirmatory Groundwater Samples Analytical Results - Total Metals
UST Post-Decommissioning Activities - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

Analytical data in bold font indicates that the value exceeds the laboratory's method reporting limit.

Data Qualifiers:

U - The analyte was analyzed for, but was not detected above the analytical laboratory method reporting limit.

Footnotes:

(a) Risk-Based Concentrations are referenced from the May 2018 update to the DEQ's Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites guidance document dated September 2003.
(b) This pathway is applicable anytime groundwater contamination is found in an aquifer that is currently used or is reasonably likely to be used for drinking water.
(c) This pathway is applicable whenever the groundwater is contaminated with volatile compounds.
(d) This pathway is applicable whenever volatile compounds in groundwater are located beneath or within 10 feet of a commercial building, or beneath or within 50 feet of a residential building, or may be in such a location in the future.
(e) This pathway is applicable in cases where construction or excavation workers may come into contact with contaminated groundwater in a semi-enclosed space such as an excavation.

Symbols/Acronyms:

bgs - below ground surface
CONST.& EXC. WORKER - construction and excavation worker receptor
DEQ - Department of Environmental Quality
ft - feet
NA - Sample was not analyzed for this analyte.
NE - No RBC levels are established for this chemical.
NV - The chemical is considered "nonvolatile" for the purposes of the exposure calculations.
µg/L - micrograms per liter
OCC. - occupational receptor
RBC - risk-based concentration
>S - This groundwater RBC exceeds the solubility limit. Groundwater concentrations in excess of S indicate that free product may be present.
TCLP - toxicity characteristic leaching procedure
URB. RES. - urban residential
USEPA - United States Environmental Protection Agency
UST - underground storage tank

Table 21. Soil Samples Analytical Results - Total Petroleum Hydrocarbons (TPHs)
Demolition Activities - 102-104 S. Pacific Highway, Talent, Oregon

	DEQ Risk-Based Concentrations for Soil (a)										Oil-Water Separator Pit Samples		
	Ingestion, Dermal Contact and Inhalation (b)				Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Leaching to Groundwater (e)		SS1	SS2	SS3 (f)
											W pit	E Pit	Composite
											(2.0-2.5 ft bgs)	(2.0-2.5 ft bgs)	(0.0-2.5 ft bgs)
Parameter	URB. RES.	OCC.	CONST. WORKER	EXC. WORKER	URB. RES.	OCC.	URB. RES.	OCC.	URB. RES.	OCC.	05/07/19	05/07/19	05/07/19
TPHs (mg/kg) **DEQ Method NWTPH-Dx and NWTPH-Gx**													
Diesel-range	2,500	14,000	4,600	>Max	>Max	>Max	>Max	>Max	9,500	>Max	13.6U	15.0U	13.6U
Oil-range	2,500	14,000	4,600	>Max	>Max	>Max	>Max	>Max	9500	>Max	27.2U	29.9U	**41.1**
Gasoline-range	2,500	20,000	9,700	>Max	5,900	69,000	94	>Max	31	130	NA	NA	NA

See notes on next page.

Table 21. Soil Samples Analytical Results - Total Petroleum Hydrocarbons (TPHs)
Oil-Water Separator Pit Samples - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

Analytical data in bold font indicates that the value exceeds the laboratory's method reporting limit.

Sample highlighted in grey indicates the soil in that location was excavated and disposed of at Dry Creek Landfill.

Data Qualifiers:

U - The analyte was analyzed for, but was not detected above the analytical laboratory's limit of quantitation.

Footnotes:

(a) Risk-Based Concentrations are referenced from the May 2018 update to the DEQ's Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites guidance document dated September 2003.

(b) This pathway is applicable anytime someone is likely to come into contact with contaminated soil. For the occupational scenario, exposure to contaminated soils should be considered for all contaminants found in the top three feet of soil.

(c) This pathway is applicable whenever vadose zone soils are contaminated with volatile compounds.

(d) This pathway is applicable whenever vadose zone soils contaminated with volatile compounds are located beneath or within 10 feet of a commercial building or beneath or within 50 feet of a residential building.

(e) This pathway is applicable whenever vadose zone contamination is found overlying an aquifer that is currently used or is reasonably likely to be used in the future for drinking water.

(f) The composite soil sample SS3 was collected from the soil excavated from the oil-water separator areas SS1 and SS2. The excavated soil was disposed of at Dry Creek Landfill in August 2019.

Symbols/Acronyms:

bgs - below ground surface

CONST. WORKER - construction worker receptor

>Csat - The soil RBC exceeds the limit of three-phase equilibrium partitioning. Soil concentrations in excess of this value indicate free product might be present.

DEQ - Department of Environmental Quality

EXC. WORKER - excavation worker receptor

ft - feet

>Max - The constituent RBC for this pathway is greater than 1,000,000 mg/Kg or 1,000,000 mg/L. Therefore, these substances are not expected to pose risks in the scenario shown.

mg/kg - milligrams per kilogram

NA - Sample was not analyzed for this analyte.

RBC - risk-based concentration

OCC - occupational receptors

URB. RES. - urban residential

Table 22. Soil Samples Analytical Results - Polycyclic Aromatic Hydrocarbons (PAHs)
Demolition Activities - 102-104 S. Pacific Highway, Talent, Oregon

Parameter	DEQ Risk-Based Concentrations for Soil (a)										Oil-Water Separator Pit Samples		
	Ingestion, Dermal Contact and Inhalation (b)				Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Leaching to Groundwater (e)		SS1	SS2	SS3 (f)
											W pit	E Pit	Composite
											(2.0-2.5 ft bgs)	(2.0-2.5 ft bgs)	(0.0-2.5 ft bgs)
	URB. RES.	OCC.	CONST. WORKER	EXC. WORKER	URB. RES.	OCC.	URB. RES.	OCC.	URB. RES.	OCC.	05/07/19	05/07/19	05/07/19
PAHs (mg/kg) **USEPA Method 8270D SIM**													
Acenaphthene	9,400	70,000	21,000	590,000	>Max	>Max	>Max	>Max	>Csat	>Csat	0.0106U	0.0112U	0.0106U
Acenaphthylene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0106U	0.0112U	0.0106U
Anthracene	47,000	350,000	110,000	>Max	>Max	>Max	>Max	>Max	>Csat	>Csat	0.0106U	0.0112U	0.0106U
Benz(a)anthracene	2.5	21	170	4,800	>Csat	>Csat	>Csat	>Csat	6.0	>Csat	0.0106U	0.0112U	0.0106U
Benzo(a)pyrene	0.25	2.1	17	490	NV	NV	NV	NV	>Csat	>Csat	0.0106U	0.0112U	0.0106U
Benzo(b)fluoranthene	2.5	21	170	4,900	NV	NV	NV	NV	>Csat	>Csat	0.0106U	0.0112U	0.0106U
Benzo(k)fluoranthene	11	210	1,700	49,000	NV	NV	NV	NV	>Csat	>Csat	0.0106U	0.0112U	0.0106U
Benzo(g,h,i)perylene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0106U	0.0112U	0.0106U
Chrysene	250	2,100	17,000	490,000	NV	NV	NV	NV	>Csat	>Csat	0.0106U	0.0112U	0.0106U
Dibenz(a,h)anthracene	0.25	2.1	17	490	NV	NV	NV	NV	>Csat	>Csat	0.0106U	0.0112U	0.0106U
Dibenzofuran	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA
Fluoranthene	4,800	30,000	10,000	280,000	NV	NV	NV	NV	>Csat	>Csat	0.0106U	0.0112U	0.0106U
Fluorene	6,300	47,000	14,000	390,000	>Max	>Max	>Max	>Max	>Csat	>Csat	0.0106U	0.0112U	0.0106U
Indeno(1,2,3-cd)pyrene	2.5	21	170	4,900	NV	NV	NV	NV	>Csat	>Csat	0.0106U	0.0112U	0.0106U
1-Methylnaphthalene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA
2-Methylnaphthalene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA
Naphthalene	25	23	580	16,000	15	83	15	83	0.37	0.34	0.0106U	0.0112U	0.0106U
Phenanthrene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0106U	0.0112U	0.0106U
Pyrene	1,800	23,000	7,500	210,000	>Csat	>Csat	>Csat	>Csat	>Csat	>Csat	0.0106U	0.0112U	0.0106U

See notes on next page.

Table 22. Soil Samples Analytical Results - Polycyclic Aromatic Hydrocarbons (PAHs)
Oil-Water Separator Pit Samples - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

Sample highlighted in grey indicates the soil in that location was excavated and disposed of at Dry Creek Landfill.

Data Qualifiers:

U - The analyte was analyzed for, but was not detected above the analytical laboratory method reporting limit.

Footnotes:

(a) Risk-Based Concentrations are referenced from the May 2018 update to the DEQ's Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites guidance document dated September 2003.

(b) This pathway is applicable anytime someone is likely to come into contact with contaminated soil. For the occupational scenario, exposure to contaminated soils should be considered for all contaminants found in the top three feet of soil.

(c) This pathway is applicable whenever vadose zone soils are contaminated with volatile compounds.

(d) This pathway is applicable whenever vadose zone soils contaminated with volatile compounds are located beneath or within 10 feet of a commercial building or beneath or within 50 feet of a residential building.

(e) This pathway is applicable whenever vadose zone contamination is found overlying an aquifer that is currently used or is reasonably likely to be used in the future for drinking water.

(b) The composite soil sample SS3 was collected from the soil excavated from the oil-water separator areas SS1 and SS2. The excavated soil was disposed of at Dry Creek Landfill in August 2019.

Symbols/Acronyms:

bgs - below ground surface

CONST. WORKER - construction worker receptor

>Csat - The soil RBC exceeds the limit of three-phase equilibrium partitioning. Soil concentrations in excess of this value indicate free product might be present.

DEQ - Department of Environmental Quality

EXC. WORKER - excavation worker receptor

ft - feet

>Max - The constituent RBC for this pathway is greater than 1,000,000 mg/Kg or 1,000,000 mg/L. Therefore, these substances are not expected to pose risks in the scenario s

mg/kg - milligrams per kilogram

NA - Sample was not analyzed for this analyte.

NE - No RBC levels are established for this chemical.

RBC - risk-based concentration

OCC - occupational receptors

URB. RES. - urban residential

USEPA - United States Environmental Protection Agency

Table 23. Soil Samples Analytical Results - Volatile Organic Compounds (VOCs)
Demolition Activities - 102-104 S. Pacific Highway, Talent, Oregon

Parameter	DEQ Risk-Based Concentrations for Soil (a)										Oil-Water Separator Pit Samples		
	Ingestion, Dermal Contact and Inhalation (b)				Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Leaching to Groundwater (e)		SS1	SS2	SS3 (f)
											W pit	E Pit	Composite
											(2.0-2.5 ft bgs)	(2.0-2.5 ft bgs)	(0.0-2.5 ft bgs)
	URB. RES.	OCC.	CONST. WORKER	EXC. WORKER	URB. RES.	OCC.	URB. RES.	OCC.	URB. RES.	OCC.	05/07/19	05/07/19	05/07/19
VOCs (mg/kg) USEPA Method 8260B													
Acetone	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	1.05U	1.08U	0.929U
Acrylonitrile	2.5	4.0	40	1,100	3.1	5.8	0.19	1.0	0.0016	0.0017	NA	NA	NA
Benzene	24	37	380	11,000	27	50	0.38	2.1	0.10	0.10	0.0183U	0.0188U	0.0163U
Bromobenzene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0262U	0.0269U	0.0232U
Bromochloromethane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0262U	0.0269U	0.0232U
Bromodichloromethane	12	15	230	6,300	5.7	11	0.096	0.53	0.0091	0.0088	**0.0262U**	**0.0269U**	**0.0232U**
Bromoform	57	260	2,700	74,000	81	360	8.2	110	0.046	0.22	0.0262U	0.0269U	0.0232U
Bromomethane	92	750	370	10,000	170	700	1.3	17	0.30	0.40	0.262U	0.0269U	0.0232U
2-Butanone (MEK)	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	1.05U	1.08U	0.929U
n-Butylbenzene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0262U, MI	0.0269U	0.0232U
sec-Butylbenzene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0262U	0.0269U	0.0232U
tert-Butylbenzene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0262U	0.0269U	0.0232U
Carbon disulfide	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0655U	0.0673U	0.0580U
Carbon tetrachloride	21	34	320	8,900	35	65	0.28	1.6	0.055	0.058	0.0262U	0.0269U	0.0232U
Chlorobenzene	1,100	8,700	4,700	130,000	>Csat	>Csat	77	>Csat	22	27	0.0262U	0.0269U	0.0232U
Chloroethane (ethyl chloride)	320,000	>Max	>Max	>Max	>Csat	>Max	>Csat	>Csat	1,100	1,300	0.105U	0.108U	0.0929U
Chloroform	22	26	410	11,000	9.2	17	0.074	0.41	0.016	0.015	**0.0262U**	**0.0269U**	**0.0232U**
Chloromethane	2,900	25,000	25,000	700,000	>Csat	>Csat	24	300	7.9	9.1	0.0262U	0.0269U	0.0232U
2-Chlorotoluene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0262U	0.0269U	0.0232U
4-Chlorotoluene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0262U	0.0269U	0.0232U
Dibromochloromethane	12	17	210	5,800	7.8	14	0.53	2.9	0.0110	0.011	**0.0262U**	**0.0269U**	**0.0232U**
1,2-Dibromo-3-chloropropane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0262U	0.0269U	0.0232U
1,2-dibromoethane (EDB)	0.53	0.73	9.0	250	0.35	0.65	0.028	0.16	0.00056	0.00056	**0.0262U**	**0.0269U**	**0.0232U**
Dibromomethane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0262U	0.0269U	0.0232U
1,2-Dichlorobenzene	4,400	36,000	20,000	560,000	>Csat	>Csat	>Csat	>Csat	140	160	0.0262U	0.0269U	0.0232U
1,3-Dichlorobenzene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0262U	0.0269U	0.0232U
1,4-Dichlorobenzene	62	64	1,300	36,000	19	36	2.3	13	0.27	0.25	0.0262U	0.0269U	0.0232U
Dichlorodifluoromethane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.105U	0.108U	0.0929U
1,1-Dichloroethane	190	260	3,200	89,000	130	240	1.1	5.9	0.20	0.20	0.0262U	0.0269U	0.0232U
1,2-dichloroethane (EDC)	12	16	200	5,600	8.1	15	0.18	1.0	0.013	0.013	**0.0262U**	**0.0269U**	**0.0232U**
1,1-Dichloroethene	3,500	29,000	13,000	370,000	>Csat	>Csat	54	680	25	32	0.0262U	0.0269U	0.0232U
cis-1,2-Dichloroethene	310	2,300	710	20,000	>Max	>Max	>Max	>Max	2.4	4.5	0.0262U	0.0269U	0.0232U
trans-1,2-Dichloroethene	3,100	23,000	7,100	200,000	>Max	>Max	>Max	>Max	27	51	0.0262U	0.0269U	0.0232U
1,2-Dichloropropane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0262U	0.0269U	0.0232U
1,3-Dichloropropane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0262U	0.0269U	0.0232U

Table 23. Soil Samples Analytical Results - Volatile Organic Compounds (VOCs)
Demolition Activities - 102-104 S. Pacific Highway, Talent, Oregon

Parameter	DEQ Risk-Based Concentrations for Soil (a)										Test Pit Samples		
	Ingestion, Dermal Contact and Inhalation (b)				Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Leaching to Groundwater (e)		SS1	SS2	SS3 (f)
											W pit	E Pit	Composite
											(2.0-2.5 ft bgs)	(2.0-2.5 ft bgs)	(0.0-2.5 ft bgs)
	URB. RES.	OCC.	CONST. WORKER	EXC. WORKER	URB. RES.	OCC.	URB. RES.	OCC.	URB. RES.	OCC.	05/07/19	05/07/19	05/07/19
VOCs (mg/kg) **USEPA Method 8260B**													
2,2-Dichloropropane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0262U	0.0269U	0.0232U
1,1-Dichloropropene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0262U	0.0269U	0.0232U
cis-1,3-Dichloropropene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0262U	0.0269U	0.0232U
trans-1,3-Dichloropropene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0262U	0.0269U	0.0232U
Ethylbenzene	110	150	1,700	49,000	85	150	3.0	17	0.94	0.90	0.0262U	0.0269U	0.0232U
Hexachlorobutadiene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.262U, MI	0.0269U	0.0232U
2-Hexanone	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	1.05U	1.08U	0.929U
iso-Propylbenzene (cumene)	7,000	57,000	27,000	750,000	>Csat	>Csat	>Csat	>Csat	>Csat	>Csat	0.0262U	0.0269U	0.0232U
4-Isopropyltoluene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0262U	0.0269U	0.0232U
Methylene chloride	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.105U	0.108U	0.0929U
4-Methyl-2-pentanone (MiBK)	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	1.05U	1.08U	0.929U
methyl t-butyl ether (MTBE)	730	1,100	12,000	320,000	810	1,500	20	110	0.50	0.54	0.0262U	0.0269U	0.0232U
Naphthalene	25	23	580	16,000	15	83	15	83	0.37	0.34	0.0262U	0.0269U	0.0232U
n-Propylbenzene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0262U	0.0269U	0.0232U
Styrene	16,000	130,000	56,000	>Max	>Csat	>Csat	>Csat	>Csat	640	800	0.0262U	0.0269U	0.0232U
1,1,1,2-Tetrachloroethane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0262U	0.0269U	0.0232U
1,1,2,2-Tetrachloroethane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0262U	0.0269U	0.0232U
Tetrachloroethene (PCE)	540	1,000	10,000	280,000	>Csat	>Csat	6.6	36	1.90	1.9	0.0262U	0.0269U	0.0232U
Toluene	5,800	88,000	28,000	770,000	>Csat	>Csat	>Csat	>Csat	150	490	0.0524U	0.0539U	0.0454U
1,2,3-Trichlorobenzene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0524U, MI	0.0539U	0.0454U
1,2,4-Trichlorobenzene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.0524U	0.0539U	0.0454U
1,1,1-Trichloroethane	110,000	870,000	470,000	>Max	>Csat	>Csat	>Csat	>Csat	710	880	0.0262U	0.0269U	0.0232U
1,1,2-Trichloroethane	6.3	26	320	8,900	6.7	24	0.38	4.2	0.029	0.029	0.0262U	0.0269U	0.0232U
Trichloroethene (TCE)	17.0	51	470	13,000	33	96	0.26	2.3	0.053	0.087	0.0262U	0.0269U	0.0232U
Trichlorofluoromethane	15,000	130,000	69,000	>Max	>Csat	>Csat	190	>Csat	230	280	0.0262U	0.0269U	0.0232U
1,2,3-Trichloropropane	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	0.524U	0.539U	0.454U
1,2,4-Trimethylbenzene	860	6,900	2,900	81,000	>Csat	>Csat	140	>Csat	43	48	0.0262U	0.0269U	0.0232U
1,3,5-Trimethylbenzene	860	6,900	2,900	81,000	>Csat	>Csat	98	>Csat	45	53	0.0262U	0.0269U	0.0232U
Vinyl chloride	0.80	4.4	34	950	6.5	89	0.053	2.2	0.0014	0.010	**0.0262U**	**0.0269U**	**0.0232U**
m,p-Xylene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA
o-Xylene	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA	NA	NA
Xylenes	2,900	25,000	20,000	560,000	>Csat	>Csat	160	>Csat	87	100	0.0785U	0.0808U	0.0697U

See notes on next page.

Table 23. Soil Samples Analytical Results - Volatile Organic Compounds (VOCs)
Oil-Water Separator Pit Samples - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

The laboratory method reporting limits that exceed one or more RBCs are indicated with bold blue font.

Sample highlighted in grey indicates the soil in that location was excavated and disposed of at Dry Creek Landfill.

Data Qualifiers:

MI - Surrogate, Duplicate Sample (DUP) or Matrix Spikes recoveries are out of control limits due to matrix interference. Sample results may be biased.

U - The analyte was analyzed for, but was not detected above the analytical laboratory method reporting limit.

Footnotes:

(a) Risk-Based Concentrations are referenced from the May 2018 update to the DEQ's Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites guidance document dated September 2003.

(b) This pathway is applicable anytime someone is likely to come into contact with contaminated soil. For the occupational scenario, exposure to contaminated soils should be considered for all contaminants found in the top three feet of soil.

(c) This pathway is applicable whenever vadose zone soils are contaminated with volatile compounds.

(d) This pathway is applicable whenever vadose zone soils contaminated with volatile compounds are located beneath or within 10 feet of a commercial building or beneath or within 50 feet of a residential building.

(e) This pathway is applicable whenever vadose zone contamination is found overlying an aquifer that is currently used or is reasonably likely to be used in the future for drinking water.

(f) The composite soil sample SS3 was collected from the soil excavated from the oil-water separator areas SS1 and SS2. The excavated soil was disposed of at Dry Creek Landfill in August 2019.

Symbols/Acronyms:

bgs - below ground surface

CONST. WORKER - construction worker receptor

>Csat - The soil RBC exceeds the limit of three-phase equilibrium partitioning. Soil concentrations in excess of this value indicate free product might be present.

DEQ - Department of Environmental Quality

EXC. WORKER - excavation worker receptor

ft - feet

>Max - The constituent RBC for this pathway is greater than 1,000,000 mg/Kg or 1,000,000 mg/L. Therefore, these substances are not expected to pose risks in the scenario shown.

mg/kg - milligrams per kilogram

NA - Sample was not analyzed for this analyte.

NE - No RBC levels are established for this chemical.

RBC - risk-based concentration

OCC - occupational receptors

URB. RES. - urban residential

USEPA - United States Environmental Protection Agency

Table 24. Soil Samples Analytical Results - Polychlorinated Biphenyls (PCBs)
Demolition Activities - 102-104 S. Pacific Highway, Talent, Oregon

Parameter	DEQ Risk-Based Concentrations for Soil (a)										Oil-Water Separator Pit Samples		
	Ingestion, Dermal Contact and Inhalation (b)				Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Leaching to Groundwater (e)		SS1	SS2	SS3 (g)
											W pit	E Pit	Composite
											(2.0-2.5 ft bgs)	(2.0-2.5 ft bgs)	(0.0-2.5 ft bgs)
	URB. RES.	OCC.	CONST. WORKER	EXC. WORKER	URB. RES.	OCC.	URB. RES.	OCC.	URB. RES.	OCC.	05/07/19	05/07/19	05/07/19
PCBs (mg/kg) **USEPA Method 8082A**													
Aroclor 1016	0.33 (f)	0.59 (f)	4.9 (f)	140 (f)	>Csat (f)	>Csat (f)	>Csat (f)	>Csat (f)	1.1 (f)	1.1 (f)	0.0136U, NCU	0.0144U, NCU	0.0146U, NCU
Aroclor 1221	0.33 (f)	0.59 (f)	4.9 (f)	140 (f)	>Csat (f)	>Csat (f)	>Csat (f)	>Csat (f)	1.1 (f)	1.1 (f)	0.0136U, NCU	0.0144U, NCU	0.0146U, NCU
Aroclor 1232	0.33 (f)	0.59 (f)	4.9 (f)	140 (f)	>Csat (f)	>Csat (f)	>Csat (f)	>Csat (f)	1.1 (f)	1.1 (f)	0.0136U, NCU	0.0144U, NCU	0.0146U, NCU
Aroclor 1242	0.33 (f)	0.59 (f)	4.9 (f)	140 (f)	>Csat (f)	>Csat (f)	>Csat (f)	>Csat (f)	1.1 (f)	1.1 (f)	0.0136U, NCU	0.0144U, NCU	0.0146U, NCU
Aroclor 1248	0.33 (f)	0.59 (f)	4.9 (f)	140 (f)	>Csat (f)	>Csat (f)	>Csat (f)	>Csat (f)	1.1 (f)	1.1 (f)	0.0136U, NCU	0.0144U, NCU	0.0146U, NCU
Aroclor 1254	0.33 (f)	0.59 (f)	4.9 (f)	140 (f)	>Csat (f)	>Csat (f)	>Csat (f)	>Csat (f)	1.1 (f)	1.1 (f)	0.0136U, NCU	0.0144U, NCU	0.0146U, NCU
Aroclor 1260	0.33 (f)	0.59 (f)	4.9 (f)	140 (f)	>Csat (f)	>Csat (f)	>Csat (f)	>Csat (f)	1.1 (f)	1.1 (f)	0.0136U, NQCU	0.0144U, NQCU	0.0146U, NQCU

See notes on next page.

Table 24. Soil Samples Analytical Results - Polychlorinated Biphenyls (PCBs)
Oil-Water Separator Pit Samples - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

Sample highlighted in grey indicates the soil in that location was excavated and disposed of at Dry Creek Landfill.

Data Qualifiers:

CU - Cleanup performed as specified by method.

N - See Case Narrative on page 2 of report. (Case Narrative: Analytical Comments for PCBs, Sample 19050293-01A, Sample 19050293-02A, and Sample 19050293-03A: Report amended due to incorrect reporting limits on original report. Reporting limits were in ug/Kg-dry instead of mg/Kg-dry.)

Q - Initial calibration verification (ICV), continuing calibration verification (CCV) or laboratory control sample (LCS) exceeded high recovery limits, but associated samples are non-detect and the sample results are not affected. Data meets EPA/NELAP requirements.

U - The analyte was analyzed for, but was not detected above the analytical laboratory's method reporting limit.

Footnotes:

(a) Risk-Based Concentrations are referenced from the May 2018 update to the DEQ's Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites guidance document dated September 2003.

(b) This pathway is applicable anytime someone is likely to come into contact with contaminated soil. For the occupational scenario, exposure to contaminated soils should be considered for all contaminants found in the top three feet of soil.

(c) This pathway is applicable whenever vadose zone soils are contaminated with volatile compounds.

(d) This pathway is applicable whenever vadose zone soils contaminated with volatile compounds are located beneath or within 10 feet of a commercial building or beneath or within 50 feet of a residential building.

(e) This pathway is applicable whenever vadose zone contamination is found overlying an aquifer that is currently used or is reasonably likely to be used in the future for drinking water.

(f) RBCs are for total of PCBs Aroclors.

(g) The composite soil sample SS3 was collected from the soil excavated from the oil-water separator areas SS1 and SS2. The excavated soil was disposed of at Dry Creek Landfill in August 2019.

Symbols/Acronyms:

bgs - below ground surface

CONST. WORKER - construction worker receptor

DEQ - Department of Environmental Quality

EXC. WORKER - excavation worker receptor

ft - feet

mg/kg - milligrams per kilogram

RBC - risk-based concentration

OCC - occupational receptors

URB. RES. - urban residential

USEPA - United States Environmental Protection Agency

Table 25. Soil Samples Analytical Results - Total Metals
Demolition Activities - 102-104 S. Pacific Highway, Talent, Oregon

Parameter	DEQ Risk-Based Concentrations for Soil (a)										DEQ's Background Concentrations in Soil (f)	Oil-Water Separator Pit Samples		
	Ingestion, Dermal Contact and Inhalation (b)				Volatilization to Outdoor Air (c)		Vapor Intrusion into Buildings (d)		Leaching to Groundwater (e)			SS1	SS2	SS3 (f)
												W pit	E Pit	Composite
												(2.0-2.5 ft bgs)	(2.0-2.5 ft bgs)	(0.0-2.5 ft bgs)
	URB. RES.	OCC.	CONST. WORKER	EXC. WORKER	URB. RES.	OCC.	URB. RES.	OCC.	URB. RES.	OCC.		05/07/19	05/07/19	05/07/19
Total Metals (mg/kg) USEPA 6020 (ICPMS)														
Arsenic	1.0	1.9	15	420	NV	NV	NV	NV	*	*	12	NA	NA	NA
Barium	31,000	220,000	69,000	>Max	NV	NV	NV	NV	*	*	630	NA	NA	NA
Cadmium	160	1,100	350	9,700	NV	NV	NV	NV	*	*	0.52	**0.493**	**0.931**	**1.15**
Chromium (III)	230,000	>Max	530,000	>Max	NV	NV	NV	NV	*	*	890	**31.1**	**42.0**	**66.9**
Lead	400	800	800	800	NV	NV	NV	NV	30	30	36	**7.17**	5.68U	**9.13**
Mercury	47	350	110	2,900	NV	NV	NV	NV	*	*	0.17	NA	NA	NA
Selenium	NE	NE	NE	NE	NV	NE	NV	NE	NE	NE	0.8	NA	NA	NA
Silver	780	5,800	1,800	49,000	NV	NV	NV	NV	*	*	0.16	NA	NA	NA

See notes on next page.

Table 25. Soil Samples Analytical Results - Total Metals
Oil-Water Separator Pit Samples - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

Analytical data in bold font indicates that the value exceeds the laboratory's method reporting limit.

Analytical data or DEQ background concentrations data highlighted in yellow indicates the value exceeded a generic RBC.

Sample highlighted in grey indicates the soil in that location was excavated and disposed of at Dry Creek Landfill.

* - Leaching to groundwater RBCs are not provided for inorganic chemicals. If this pathway is of concern, then site-specific leaching tests must be performed.

Data Qualifiers:

U - The analyte was analyzed for, but was not detected above the analytical laboratory's method reporting limit.

Footnotes:

(a) Risk-Based Concentrations are referenced from the May 2018 update to the DEQ's Risk-Based Decision Making (RBDM) for the Remediation of Petroleum-Contaminated Sites guidance document dated September 2003.

(b) This pathway is applicable anytime someone is likely to come into contact with contaminated soil. For the occupational scenario, exposure to contaminated soils should be considered for all contaminants found in the top three feet of soil.

(c) This pathway is applicable whenever vadose zone soils are contaminated with volatile compounds.

(d) This pathway is applicable whenever vadose zone soils contaminated with volatile compounds are located beneath or within 10 feet of a commercial building or beneath or within 50 feet of a residential building.

(e) This pathway is applicable whenever vadose zone contamination is found overlying an aquifer that is currently used or is reasonably likely to be used in the future for drinking water.

(f) DEQ's Background Concentrations in Soil are referenced from the DEQ's Development of Oregon Background Metals Concentrations in Soil technical report dated March 2013. The background concentrations included in this table are 95% Upper Prediction Limit (UPL) for the Klamath Mountain region, which includes the Talent area and the Site.

(f) The composite soil sample SS3 was collected from the soil excavated from the oil-water separator areas SS1 and SS2. The excavated soil was disposed of at Dry Creek Landfill in August 2019.

Symbols/Acronyms:

bgs - below ground surface

CONST. WORKER - construction worker receptor

>Csat - The soil RBC exceeds the limit of three-phase equilibrium partitioning. Soil concentrations in excess of this value indicate free product might be present.

DEQ - Department of Environmental Quality

EXC. WORKER - excavation worker receptor

ft - feet

>Max - The constituent RBC for this pathway is greater than 1,000,000 mg/Kg or 1,000,000 mg/L. Therefore, these substances are not expected to pose risks in the scenario shown.

mg/kg - milligrams per kilogram

NA - Sample was not analyzed for this analyte.

NE - No RBC levels are established for this chemical.

NV - The chemical is considered "nonvolatile" for the purposes of the exposure calculations.

RBC - risk-based concentration

OCC - occupational receptors

URB. RES. - urban residential

USEPA - United States Environmental Protection Agency

Table 26. Soil Samples Analytical Results - Toxicity Characteristic Leaching Procedure Metals
Demolition Activities - 102-104 S. Pacific Highway, Talent, Oregon

Parameter	USEPA's Maximum Concentration of Contamination for the "toxicity" Characteristic (a)	Oil-Water Separator Pit Samples		
		SS1	SS2	SS3 (b)
		W pit	E Pit	Composite
		(2.0-2.5 ft bgs)	(2.0-2.5 ft bgs)	(0.0-2.5 ft bgs)
		05/07/19	05/07/19	05/07/19
TCLP Metals (µg/L) USEPA 6010B				
Arsenic	5,000.0	NA	NA	NA
Barium	100,000.0	NA	NA	NA
Cadmium	1,000.0	100U	100U	100U
Chromium (III)	5,000.0	500U	500U	500U
Lead	5,000.0	500U	500U	500U
Mercury	200.0	NA	NA	NA
Selenium	1,000.0	NA	NA	NA
Silver	5,000.0	NA	NA	NA

See notes on next page.

Table 26. Soil Samples Analytical Results - Toxicity Characteristic Leaching Procedure Metals
Oil-Water Separator Pit Samples - 102-104 S. Pacific Highway, Talent, Oregon

Notes:

Sample highlighted in grey indicates the soil in that location was excavated and disposed of at Dry Creek Landfill.

Data Qualifiers:

U - The analyte was analyzed for, but was not detected above the analytical laboratory method reporting limit.

Footnotes:

(a) The USEPA 's TCLP limits are used to define whether a waste is hazardous or non-hazardous.

(b) The composite soil sample SS3 was collected from the soil excavated from the oil-water separator areas SS1 and SS2. The excavated soil was disposed of at Dry Creek Landfill in August 2019.

Symbols/Acronyms:

bgs - below ground surface

ft - feet

NA - Sample was not analyzed for this analyte.

µg/L - micrograms per liter

TCLP - toxicity characteristic leaching procedure

USEPA - United States Environmental Protection Agency

APPENDIX 1

Boring Logs

ALPINE ENVIRONMENTAL CONSULTANTS, LLC

LOG OF BORING: SB11

Talent Urban Renewal Agency
102-104 South Pacific Highway
Talent, Oregon

Project Number: AEC2018-11

Date Started	: 8/19/20	Drilled By	: BB&A Environmental
Date Completed	: 8/19/20	Sampling Method	: Grab
Boring Diameter	: 2.25 Inch	Reference Elev.	: Ground Surface
Total Depth	: 22.0 feet bgs	Logged By	: Toby Shalcross
Drilling Method	: Geoprobe/Push Probe	Checked By	: Jonathan Williams

Water Levels
▼ Static Water Level

Location and Water Level Information
Boring Location: Northern corner
8/19/20, 8.1 ft bgs DTW after purging

Depth in Feet	Water Level	Sample I.D.	PID (ppm)	Recovery (%)	USCS	GRAPHIC	DESCRIPTION
0							0.0-0.3 ft bgs - ASPHALT.
1					ML		0.3-8.0 ft bgs - GRAVELLY SILT: Light brown, gray; 50-60% non-plastic fines; 30-50% subangular fine to coarse gravel; loose to firm; dry.
2							
3							
4			11.3				
5							
6							
7							
8	▼	SB11	108		ML		8.0-11.5 ft bgs - SILT: Gray; 60-70% non-plastic to low-plastic fines; 20-30% subangular fine to medium gravel; 10-20% fine to medium sand; firm to stiff; damp.
9							
10							
11							
12			8.5		ML		11.5-12.5 ft bgs - SANDY SILT: Gray; 50-60% non-plastic fines; 40-50% fine to coarse sand; loose; moist.
13					ML		12.5-15.0 ft bgs - SILT: Brown; 80-90% plastic fines; 10-20% fine to medium sand; firm to hard; damp.
14							
15		GW-SB11			SP		15.0-18.0 ft bgs - SILTY SAND: Light brown; 70-80% fine to coarse sand; 20-30% low-plastic fines; loose; moist. 16.0-18.0 ft bgs - Color change to gray; moisture increase to wet.
16			9.7				
17							
18					ML		18.0-22.0 ft bgs - GRAVELLY SILT: Brown; 50-60% non-plastic fines; 30-40% subangular fine to medium gravel; 10-20% fine to coarse sand; loose to firm; moist.
19							
20							
21							
22							Boring terminated at 22.0 ft bgs.

ft bgs = feet below ground surface
ppm = parts per million
DTB = depth to bottom
DTW = depth to water
PID = photoionization detector

Notes:
1. Temporary well screen was set at 9.6-19.6 ft bgs.
2. Approximately 3 gallons were purged prior to sampling.

02-15-2021

ALPINE ENVIRONMENTAL CONSULTANTS, LLC

LOG OF BORING: SB12

Talent Urban Renewal Agency
102-104 South Pacific Highway
Talent, Oregon

Project Number: AEC2018-11

Date Started	: 8/19/20	Drilled By	: BB&A Environmental
Date Completed	: 8/19/20	Sampling Method	: Grab
Boring Diameter	: 2.25 Inch	Reference Elev.	: Ground Surface
Total Depth	: 22.0 feet bgs	Logged By	: Toby Shalcross
Drilling Method	: Geoprobe/Push Probe	Checked By	: Jonathan Williams

Water Levels
▼ Static Water Level

Location and Water Level Information
Boring Location: Northern corner
8/19/20, 8.0 ft bgs DTW after purging

Depth in Feet	Water Level	Sample I.D.	PID (ppm)	Recovery (%)	USCS	GRAPHIC	DESCRIPTION
0							0.0-0.2 ft bgs - ASPHALT.
1					ML		0.2-4.0 ft bgs - SILT: Light brown, gray; 60-70% non-plastic fines; 10-20% fine to medium sand; 10-20% subangular fine to medium gravel; firm; dry.
2				80			
3							
4			30		ML		4.0-4.5 ft bgs - SILT: Brown; 80-90% non-plastic fines; 10-20% fine to medium sand; firm to stiff; damp.
5					ML		4.5-4.7 ft bgs - CONCRETE
6					ML		4.7-7.5 ft bgs - SILT: Light brown, gray; 70-80% non-plastic fines; 20-30% fine to coarse sand; firm; dry.
7				50			
8	▼	SB12 (DUPLICATE)	540		SM		7.5-9.0 ft bgs - SAND: Gray; 80-90% fine sand; 10-20% non-plastic fines; firm; damp. 7.5-10.0 ft bgs - Petroleum-like odor.
9					ML		9.0-10.0 ft bgs - SILT: Light brown, gray; 50-60% non-plastic fines; 30-40% subangular fine to medium gravel; 10-20% fine to medium sand; loose; damp. firm; moist.
10							
11			320		ML		10.0-14.0 ft bgs - SILT: Brown, gray; 80-90% low-plastic fines; 10-20% fine sand; 5-10% subangular fine to medium gravel; stiff; damp to moist.
12				75			
13							
14		GW-SB12	225		SM		14.0-15.0 ft bgs - SAND: Gray; 80-90% fine to coarse sand; 10-20% non-plastic fines; loose; damp.
15					ML		15.0-22.0 ft bgs - GRAVELLY SILT: Gray; 50-60% non-plastic fines; 30-40% angular to subangular fine to medium gravel; 10-20% fine to coarse sand; firm to stiff; wet.
16							
17			13.3	50			
18							
19							
20			20				
21				50			
22							Boring terminated at 22.0 ft bgs.

ft bgs = feet below ground surface
ppm = parts per million
DTB = depth to bottom
DTW = depth to water
PID = photoionization detector

Notes:
1. Temporary well screen was set at 9.7-19.7 ft bgs.
2. Approximately 2 gallons were purged prior to sampling.

02-15-2021

ALPINE ENVIRONMENTAL CONSULTANTS, LLC

LOG OF BORING: SB13

Talent Urban Renewal Agency
102-104 South Pacific Highway
Talent, Oregon

Project Number: AEC2018-11

Date Started	: 8/19/20	Drilled By	: BB&A Environmental
Date Completed	: 8/19/20	Sampling Method	: Grab
Boring Diameter	: 2.25 Inch	Reference Elev.	: Ground Surface
Total Depth	: 23.0 feet bgs	Logged By	: Toby Shalcross
Drilling Method	: Geoprobe/Push Probe	Checked By	: Jonathan Williams

Water Levels
▼ Static Water Level

Location and Water Level Information
Boring Location: Northern corner
8/19/20, 8.3 ft bgs DTW after purging

Depth in Feet	Water Level	Sample I.D.	PID (ppm)	Recovery (%)	USCS	GRAPHIC	DESCRIPTION
0							0.0-0.2 ft bgs - ASPHALT.
1							0.2-7.0 ft bgs - GRAVELLY SILT: Light brown, gray; 60-80% non-plastic fines; 20-30% subangular fine to medium gravel; 10-20% fine to coarse sand; loose; dry.
2				70			
3							
4			6.4		ML		
5							
6							
7				60	ML		7.0-8.0 ft bgs - SILT: Gray; 80-90% low-plastic fines; 10-20% fine to medium sand; firm to stiff; damp.
8	▼	SB13	390		SM		8.0-9.5 ft bgs - SAND: Gray; 60-70% medium to coarse sand; 30-40% non-plastic fines; loose; damp.
9							7.5-9.0 ft bgs - Slight petroleum-like odor.
10							9.5-23.0 ft bgs - GRAVELLY SILT: Gray, brown; 60-80% non-plastic fines; 20-40% angular to subangular fine to medium gravel; 10-30% fine to coarse sand; loose to stiff; moist, wet.
11							11.0 ft bgs - Core sleeve wet.
12				50			
13		GW-SB13					
14			207				
15							
16					ML		16.0 ft bgs - Color change to light brown; wet.
17				60			
18			23.6				
19							
20							
21				50			21.0 ft bgs - Color change to gray; wet.
22							
23							Boring terminated at 23.0 ft bgs.

ft bgs = feet below ground surface
ppm = parts per million
DTB = depth to bottom
DTW = depth to water
PID = photoionization detector

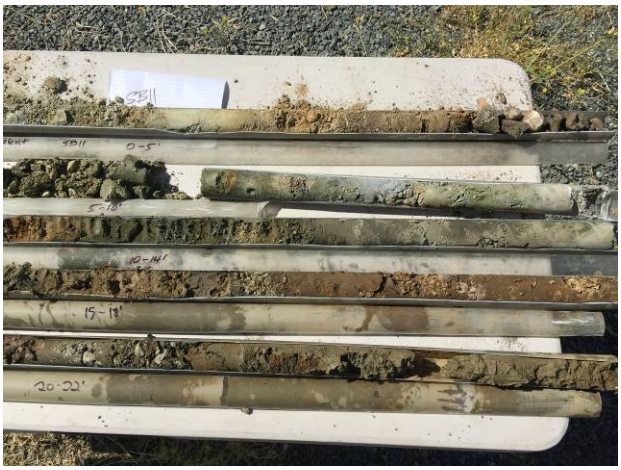
Notes:
1. Temporary well screen was set at 13.0-23.0 ft bgs.
2. Approximately 2 gallons were purged prior to sampling.

02-15-2021

APPENDIX 2

Site Photographs

1. SB11 boring location.

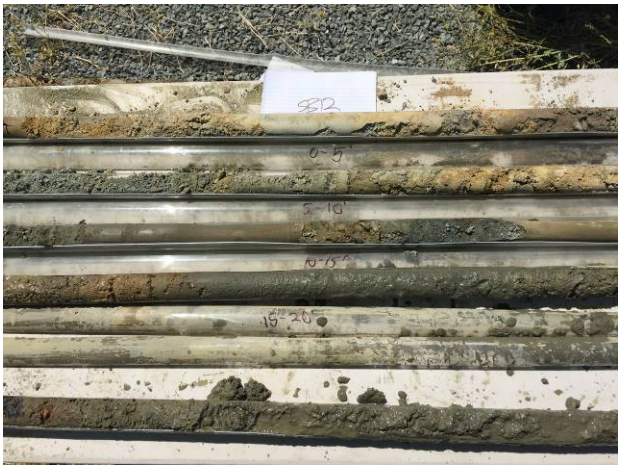


4. SB11 boring core.

2. SB11 boring core.

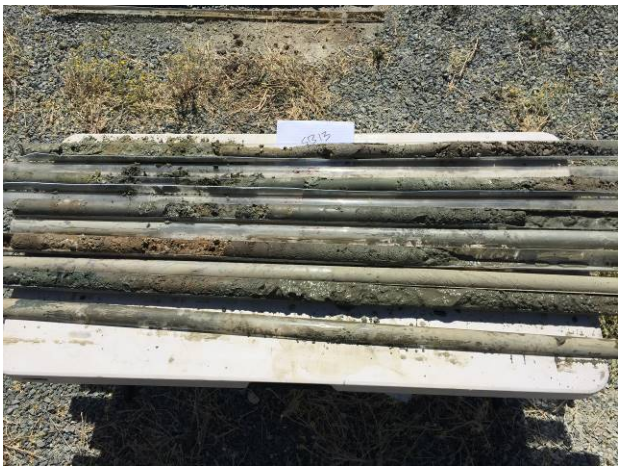
5. SB12 boring location/temporary well.

3. SB11 boring core.



6. SB12 boring core.

7. SB12 boring core.

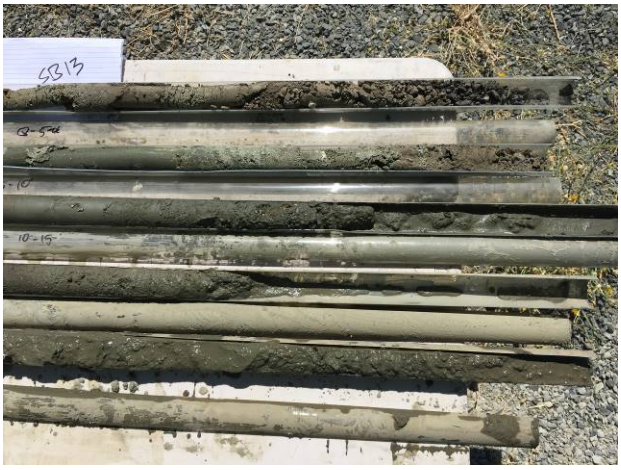


10. SB13 boring core.

8. SB12 boring core.

11. SB13 boring core.

9. SB13 boring location.



12. SB13 boring core.

APPENDIX 3

Complete Soil and Groundwater Laboratory Results

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Monday, February 15, 2021

Jonathan Williams
Alpine Environmental Consultants
12208 Antioch Road
White City, OR 97503

RE: A0H0608 - Talent Gateway SI - AEC2020-19

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A0H0608, which was received by the laboratory on 8/22/2020 at 4:25:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: dthomas@apex-labs.com, or by phone at 503-718-2323.

Please note: All samples will be disposed of within 30 days of sample receipt, unless prior arrangements have been made.

Cooler Receipt Information

(See Cooler Receipt Form for details)

Cooler#01	2.4 degC	Cooler#02	3.6 degC
Cooler#03	1.6 degC	Cooler#04	1.4 degC
Cooler#05	0.5 degC	Cooler#06	2.8 degC
Cooler#07	1.7 degC	Cooler#08	1.3 degC
Cooler#09	-0.1 degC	Cooler#10	1.1 degC

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.
All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.

Apex Laboratories

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Darwin Thomas, Business Development Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB11	A0H0608-01	Soil	08/19/20 10:30	08/22/20 16:25
SB12	A0H0608-02	Soil	08/19/20 12:30	08/22/20 16:25
SB12-DUP	A0H0608-03	Soil	08/19/20 12:35	08/22/20 16:25
SB13	A0H0608-04	Soil	08/19/20 14:05	08/22/20 16:25
GW-SB11	A0H0608-05	Water	08/19/20 12:00	08/22/20 16:25
GW-SB12	A0H0608-06	Water	08/19/20 13:15	08/22/20 16:25
GW-SB12-DUP	A0H0608-07	Water	08/19/20 13:20	08/22/20 16:25
GW-SB13	A0H0608-08	Water	08/19/20 14:30	08/22/20 16:25
RB	A0H0608-09	Water	08/19/20 11:45	08/22/20 16:25
Trip Blank	A0H0608-10	Water	08/19/20 00:00	08/22/20 16:25

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Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SB11 (A0H0608-01)				**Matrix: Soil**		**Batch: 0080855**		
Diesel	ND	---	25.0	mg/kg dry	1	08/29/20 06:32	NWTPH-Dx	
Oil	ND	---	50.0	mg/kg dry	1	08/29/20 06:32	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 90 %*		*Limits: 50-150 %*	*1*	*08/29/20 06:32*	*NWTPH-Dx*	
SB12 (A0H0608-02RE1)				**Matrix: Soil**		**Batch: 0080855**		
Diesel	**2880**	---	112	mg/kg dry	5	08/29/20 17:01	NWTPH-Dx	
Oil	ND	---	225	mg/kg dry	5	08/29/20 17:01	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 91 %*		*Limits: 50-150 %*	*5*	*08/29/20 17:01*	*NWTPH-Dx*	*S-05*
SB12-DUP (A0H0608-03RE1)				**Matrix: Soil**		**Batch: 0080855**		
Diesel	**2830**	---	112	mg/kg dry	5	08/29/20 17:21	NWTPH-Dx	
Oil	ND	---	224	mg/kg dry	5	08/29/20 17:21	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 91 %*		*Limits: 50-150 %*	*5*	*08/29/20 17:21*	*NWTPH-Dx*	*S-05*
SB13 (A0H0608-04RE1)				**Matrix: Soil**		**Batch: 0080855**		
Diesel	**4570**	---	232	mg/kg dry	10	08/29/20 17:41	NWTPH-Dx	
Oil	ND	---	465	mg/kg dry	10	08/29/20 17:41	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 87 %*		*Limits: 50-150 %*	*10*	*08/29/20 17:41*	*NWTPH-Dx*	*S-05*
GW-SB11 (A0H0608-05)				**Matrix: Water**		**Batch: 0080829**		
Diesel	ND	---	81.6	ug/L	1	08/29/20 04:33	NWTPH-Dx LL	
Oil	**244**	---	163	ug/L	1	08/29/20 04:33	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 78 %*		*Limits: 50-150 %*	*1*	*08/29/20 04:33*	*NWTPH-Dx LL*	
GW-SB12 (A0H0608-06RE1)				**Matrix: Water**		**Batch: 0080867**		
Diesel	**63400**	---	2330	ug/L	25	08/29/20 15:21	NWTPH-Dx LL	
Oil	ND	---	4650	ug/L	25	08/29/20 15:21	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: %*		*Limits: 50-150 %*	*25*	*08/29/20 15:21*	*NWTPH-Dx LL*	*S-01*
GW-SB12-DUP (A0H0608-07)				**Matrix: Water**		**Batch: 0080829**		
Diesel	**5440**	---	88.9	ug/L	1	08/29/20 04:53	NWTPH-Dx LL	
Oil	ND	---	178	ug/L	1	08/29/20 04:53	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 89 %*		*Limits: 50-150 %*	*1*	*08/29/20 04:53*	*NWTPH-Dx LL*	

Apex Laboratories

Darwin Thomas, Business Development Director

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Apex Laboratories, LLC

6700 S.W. Sandburg Street
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503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GW-SB13 (A0H0608-08RE1)				**Matrix: Water**		**Batch: 0080829**		
Diesel	**93500**	---	8160	ug/L	100	08/29/20 05:13	NWTPH-Dx LL	
Oil	ND	---	16300	ug/L	100	08/29/20 05:13	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)			*Recovery: %*	*Limits: 50-150 %*	*100*	*08/29/20 05:13*	*NWTPH-Dx LL*	*S-01*
RB (A0H0608-09)				**Matrix: Water**		**Batch: 0080829**		
Diesel	ND	---	76.2	ug/L	1	08/28/20 06:39	NWTPH-Dx LL	
Oil	ND	---	152	ug/L	1	08/28/20 06:39	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)			*Recovery: 111 %*	*Limits: 50-150 %*	*1*	*08/28/20 06:39*	*NWTPH-Dx LL*	

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12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SB11 (A0H0608-01)				**Matrix: Soil**		**Batch: 0080785**		
Gasoline Range Organics	ND	---	4.57	mg/kg dry	50	08/26/20 23:55	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 97 %*		*Limits: 50-150 %*	*1*	*08/26/20 23:55*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*96 %*	*50-150 %*	*1*	*08/26/20 23:55*	*NWTPH-Gx (MS)*	
SB12 (A0H0608-02)				**Matrix: Soil**		**Batch: 0080785**		
Gasoline Range Organics	**814**	---	45.9	mg/kg dry	500	08/27/20 01:43	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 113 %*		*Limits: 50-150 %*	*1*	*08/27/20 01:43*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*106 %*	*50-150 %*	*1*	*08/27/20 01:43*	*NWTPH-Gx (MS)*	
SB12-DUP (A0H0608-03)				**Matrix: Soil**		**Batch: 0080785**		
Gasoline Range Organics	**462**	---	5.64	mg/kg dry	50	08/27/20 00:22	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 154 %*		*Limits: 50-150 %*	*1*	*08/27/20 00:22*	*NWTPH-Gx (MS)*	*S-08*
1,4-Difluorobenzene (Sur)			*187 %*	*50-150 %*	*1*	*08/27/20 00:22*	*NWTPH-Gx (MS)*	*S-08*
SB13 (A0H0608-04)				**Matrix: Soil**		**Batch: 0080785**		
Gasoline Range Organics	**140**	---	6.84	mg/kg dry	50	08/27/20 01:16	NWTPH-Gx (MS)	**F-09**
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 127 %*		*Limits: 50-150 %*	*1*	*08/27/20 01:16*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*95 %*	*50-150 %*	*1*	*08/27/20 01:16*	*NWTPH-Gx (MS)*	
GW-SB11 (A0H0608-05)				**Matrix: Water**		**Batch: 0080716**		
Gasoline Range Organics	ND	---	100	ug/L	1	08/25/20 18:35	NWTPH-Gx (MS)	AMEND
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 93 %*		*Limits: 50-150 %*	*1*	*08/25/20 18:35*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*103 %*	*50-150 %*	*1*	*08/25/20 18:35*	*NWTPH-Gx (MS)*	
GW-SB12 (A0H0608-06RE1)				**Matrix: Water**		**Batch: 0080754**		
Gasoline Range Organics	**795**	---	100	ug/L	1	08/26/20 15:02	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 97 %*		*Limits: 50-150 %*	*1*	*08/26/20 15:02*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*97 %*	*50-150 %*	*1*	*08/26/20 15:02*	*NWTPH-Gx (MS)*	
GW-SB12-DUP (A0H0608-07RE1)				**Matrix: Water**		**Batch: 0080754**		
Gasoline Range Organics	**754**	---	100	ug/L	1	08/26/20 15:29	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 100 %*		*Limits: 50-150 %*	*1*	*08/26/20 15:29*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*98 %*	*50-150 %*	*1*	*08/26/20 15:29*	*NWTPH-Gx (MS)*	
GW-SB13 (A0H0608-08)				**Matrix: Water**		**Batch: 0080716**		

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Darwin Thomas, Business Development Director

Apex Laboratories, LLC

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Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GW-SB13 (A0H0608-08)				**Matrix: Water**		**Batch: 0080716**		
Gasoline Range Organics	**7270**	---	1000	ug/L	10	08/25/20 20:25	NWTPH-Gx (MS)	**AMEND**
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 82 %*	*Limits: 50-150 %*		*1*	*08/25/20 20:25*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)		*101 %*	*50-150 %*		*1*	*08/25/20 20:25*	*NWTPH-Gx (MS)*	
RB (A0H0608-09)				**Matrix: Water**		**Batch: 0080716**		
Gasoline Range Organics	ND	---	100	ug/L	1	08/25/20 19:03	NWTPH-Gx (MS)	AMEND
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 89 %*	*Limits: 50-150 %*		*1*	*08/25/20 19:03*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)		*105 %*	*50-150 %*		*1*	*08/25/20 19:03*	*NWTPH-Gx (MS)*	

Apex Laboratories

Darwin Thomas, Business Development Director

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Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SB11 (A0H0608-01)				**Matrix: Soil**		**Batch: 0080785**		
Acetone	ND	---	0.913	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Acrylonitrile	ND	---	0.0913	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Benzene	ND	---	0.00913	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Bromobenzene	ND	---	0.0228	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Bromochloromethane	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Bromodichloromethane	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Bromoform	ND	---	0.0913	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Bromomethane	ND	---	0.457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
2-Butanone (MEK)	ND	---	0.457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
n-Butylbenzene	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
sec-Butylbenzene	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
tert-Butylbenzene	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Carbon disulfide	ND	---	0.457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Carbon tetrachloride	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Chlorobenzene	ND	---	0.0228	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Chloroethane	ND	---	0.457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Chloroform	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Chloromethane	ND	---	0.228	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
2-Chlorotoluene	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
4-Chlorotoluene	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Dibromochloromethane	ND	---	0.0913	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
1,2-Dibromo-3-chloropropane	ND	---	0.228	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
1,2-Dibromoethane (EDB)	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Dibromomethane	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
1,2-Dichlorobenzene	ND	---	0.0228	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
1,3-Dichlorobenzene	ND	---	0.0228	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
1,4-Dichlorobenzene	ND	---	0.0228	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Dichlorodifluoromethane	ND	---	0.0913	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
1,1-Dichloroethane	ND	---	0.0228	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
1,2-Dichloroethane (EDC)	ND	---	0.0228	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
1,1-Dichloroethene	ND	---	0.0228	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
cis-1,2-Dichloroethene	ND	---	0.0228	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
trans-1,2-Dichloroethene	ND	---	0.0228	mg/kg dry	50	08/26/20 23:55	5035A/8260D	

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Darwin Thomas, Business Development Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SB11 (A0H0608-01)				**Matrix: Soil**		**Batch: 0080785**		
1,2-Dichloropropane	ND	---	0.0228	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
1,3-Dichloropropane	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
2,2-Dichloropropane	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
1,1-Dichloropropene	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
cis-1,3-Dichloropropene	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
trans-1,3-Dichloropropene	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Ethylbenzene	ND	---	0.0228	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Hexachlorobutadiene	ND	---	0.0913	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
2-Hexanone	ND	---	0.457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Isopropylbenzene	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
4-Isopropyltoluene	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Methylene chloride	ND	---	0.457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
4-Methyl-2-pentanone (MiBK)	ND	---	0.457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Methyl tert-butyl ether (MTBE)	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Naphthalene	ND	---	0.0913	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
n-Propylbenzene	ND	---	0.0228	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Styrene	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
1,1,1,2-Tetrachloroethane	ND	---	0.0228	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
1,1,2,2-Tetrachloroethane	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Tetrachloroethene (PCE)	ND	---	0.0228	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Toluene	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
1,2,3-Trichlorobenzene	ND	---	0.228	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
1,2,4-Trichlorobenzene	ND	---	0.228	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
1,1,1-Trichloroethane	ND	---	0.0228	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
1,1,2-Trichloroethane	ND	---	0.0228	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Trichloroethene (TCE)	ND	---	0.0228	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Trichlorofluoromethane	ND	---	0.0913	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
1,2,3-Trichloropropane	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
1,2,4-Trimethylbenzene	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
1,3,5-Trimethylbenzene	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
Vinyl chloride	ND	---	0.0228	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
m,p-Xylene	ND	---	0.0457	mg/kg dry	50	08/26/20 23:55	5035A/8260D	
o-Xylene	ND	---	0.0228	mg/kg dry	50	08/26/20 23:55	5035A/8260D	

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ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SB11 (A0H0608-01)				**Matrix: Soil**		**Batch: 0080785**		
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits: 80-120 %*	*1*	*08/26/20 23:55*	*5035A/8260D*	
Toluene-d8 (Surr)			*101 %*	*80-120 %*	*1*	*08/26/20 23:55*	*5035A/8260D*	
4-Bromofluorobenzene (Surr)			*101 %*	*79-120 %*	*1*	*08/26/20 23:55*	*5035A/8260D*	
SB12 (A0H0608-02)				**Matrix: Soil**		**Batch: 0080785**		
Acetone	ND	---	9.18	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Acrylonitrile	ND	---	0.918	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Benzene	ND	---	0.0918	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Bromobenzene	ND	---	0.230	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Bromochloromethane	ND	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Bromodichloromethane	ND	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Bromoform	ND	---	0.918	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Bromomethane	ND	---	4.59	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
2-Butanone (MEK)	ND	---	4.59	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
n-Butylbenzene	**1.48**	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
sec-Butylbenzene	**0.825**	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
tert-Butylbenzene	ND	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Carbon disulfide	ND	---	4.59	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Carbon tetrachloride	ND	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Chlorobenzene	ND	---	0.230	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Chloroethane	ND	---	4.59	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Chloroform	ND	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Chloromethane	ND	---	2.30	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
2-Chlorotoluene	ND	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
4-Chlorotoluene	ND	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Dibromochloromethane	ND	---	0.918	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
1,2-Dibromo-3-chloropropane	ND	---	2.30	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
1,2-Dibromoethane (EDB)	ND	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Dibromomethane	ND	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
1,2-Dichlorobenzene	ND	---	0.230	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
1,3-Dichlorobenzene	ND	---	0.230	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
1,4-Dichlorobenzene	ND	---	0.230	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Dichlorodifluoromethane	ND	---	0.918	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
1,1-Dichloroethane	ND	---	0.230	mg/kg dry	500	08/27/20 01:43	5035A/8260D	

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Darwin Thomas, Business Development Director

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ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SB12 (A0H0608-02)				**Matrix: Soil**		**Batch: 0080785**		
1,2-Dichloroethane (EDC)	ND	---	0.230	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
1,1-Dichloroethene	ND	---	0.230	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
cis-1,2-Dichloroethene	ND	---	0.230	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
trans-1,2-Dichloroethene	ND	---	0.230	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
1,2-Dichloropropane	ND	---	0.230	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
1,3-Dichloropropane	ND	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
2,2-Dichloropropane	ND	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
1,1-Dichloropropene	ND	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
cis-1,3-Dichloropropene	ND	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
trans-1,3-Dichloropropene	ND	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Ethylbenzene	ND	---	0.230	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Hexachlorobutadiene	ND	---	0.918	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
2-Hexanone	ND	---	4.59	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Isopropylbenzene	ND	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
4-Isopropyltoluene	ND	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Methylene chloride	ND	---	4.59	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
4-Methyl-2-pentanone (MiBK)	ND	---	7.80	mg/kg dry	500	08/27/20 01:43	5035A/8260D	R-02
Methyl tert-butyl ether (MTBE)	ND	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Naphthalene	ND	---	0.918	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
n-Propylbenzene	ND	---	0.230	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Styrene	ND	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
1,1,1,2-Tetrachloroethane	ND	---	0.230	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
1,1,2,2-Tetrachloroethane	ND	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Tetrachloroethene (PCE)	ND	---	0.230	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Toluene	ND	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
1,2,3-Trichlorobenzene	ND	---	2.30	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
1,2,4-Trichlorobenzene	ND	---	2.30	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
1,1,1-Trichloroethane	ND	---	0.230	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
1,1,2-Trichloroethane	ND	---	0.230	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Trichloroethene (TCE)	ND	---	0.230	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Trichlorofluoromethane	ND	---	0.918	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
1,2,3-Trichloropropane	ND	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
1,2,4-Trimethylbenzene	ND	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	

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Darwin Thomas, Business Development Director

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ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SB12 (A0H0608-02)				**Matrix: Soil**		**Batch: 0080785**		
1,3,5-Trimethylbenzene	ND	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Vinyl chloride	ND	---	0.230	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
m,p-Xylene	ND	---	0.459	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
o-Xylene	ND	---	0.230	mg/kg dry	500	08/27/20 01:43	5035A/8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits: 80-120 %*	*1*	*08/27/20 01:43*	*5035A/8260D*	
Toluene-d8 (Surr)			*100 %*	*80-120 %*	*1*	*08/27/20 01:43*	*5035A/8260D*	
4-Bromofluorobenzene (Surr)			*102 %*	*79-120 %*	*1*	*08/27/20 01:43*	*5035A/8260D*	
SB12-DUP (A0H0608-03)				**Matrix: Soil**		**Batch: 0080785**		
Acetone	ND	---	1.13	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
Acrylonitrile	ND	---	0.480	mg/kg dry	50	08/27/20 00:22	5035A/8260D	R-02
Benzene	**0.0203**	---	0.0113	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
Bromobenzene	ND	---	0.0282	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
Bromochloromethane	ND	---	0.0564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
Bromodichloromethane	ND	---	0.0564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
Bromoform	ND	---	0.113	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
Bromomethane	ND	---	0.564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
2-Butanone (MEK)	ND	---	4.23	mg/kg dry	50	08/27/20 00:22	5035A/8260D	R-02
n-Butylbenzene	**1.19**	---	0.0564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
sec-Butylbenzene	**0.568**	---	0.0564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
tert-Butylbenzene	ND	---	0.0564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
Carbon disulfide	ND	---	0.564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
Carbon tetrachloride	ND	---	0.0564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
Chlorobenzene	ND	---	0.0282	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
Chloroethane	ND	---	0.564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
Chloroform	ND	---	0.0705	mg/kg dry	50	08/27/20 00:22	5035A/8260D	R-02
Chloromethane	ND	---	0.282	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
2-Chlorotoluene	ND	---	0.0564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
4-Chlorotoluene	ND	---	0.0564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
Dibromochloromethane	ND	---	0.113	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
1,2-Dibromo-3-chloropropane	ND	---	0.282	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
1,2-Dibromoethane (EDB)	ND	---	0.0564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
Dibromomethane	ND	---	0.0564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
1,2-Dichlorobenzene	ND	---	0.0282	mg/kg dry	50	08/27/20 00:22	5035A/8260D	

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ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SB12-DUP (A0H0608-03)				**Matrix: Soil**		**Batch: 0080785**		
1,3-Dichlorobenzene	ND	---	0.0282	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
1,4-Dichlorobenzene	ND	---	0.0282	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
Dichlorodifluoromethane	ND	---	0.113	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
1,1-Dichloroethane	ND	---	0.0282	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
1,2-Dichloroethane (EDC)	ND	---	0.0282	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
1,1-Dichloroethene	ND	---	0.0282	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
cis-1,2-Dichloroethene	ND	---	0.0282	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
trans-1,2-Dichloroethene	ND	---	0.0282	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
1,2-Dichloropropane	ND	---	0.0282	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
1,3-Dichloropropane	ND	---	0.0564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
2,2-Dichloropropane	ND	---	0.0564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
1,1-Dichloropropene	ND	---	0.0564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
cis-1,3-Dichloropropene	ND	---	0.0564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
trans-1,3-Dichloropropene	ND	---	0.0564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
Ethylbenzene	ND	---	0.0282	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
Hexachlorobutadiene	ND	---	0.113	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
2-Hexanone	ND	---	0.564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
Isopropylbenzene	**0.0898**	---	0.0564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
4-Isopropyltoluene	ND	---	0.0564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
Methylene chloride	ND	---	0.564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
4-Methyl-2-pentanone (MiBK)	ND	---	2.65	mg/kg dry	50	08/27/20 00:22	5035A/8260D	R-02
Methyl tert-butyl ether (MTBE)	ND	---	0.0564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
Naphthalene	ND	---	0.197	mg/kg dry	50	08/27/20 00:22	5035A/8260D	R-02
n-Propylbenzene	**0.192**	---	0.0282	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
Styrene	ND	---	0.0564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
1,1,1,2-Tetrachloroethane	ND	---	0.0282	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
1,1,2,2-Tetrachloroethane	ND	---	0.141	mg/kg dry	50	08/27/20 00:22	5035A/8260D	R-02
Tetrachloroethene (PCE)	ND	---	0.0282	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
Toluene	ND	---	0.0564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
1,2,3-Trichlorobenzene	ND	---	0.282	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
1,2,4-Trichlorobenzene	ND	---	0.282	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
1,1,1-Trichloroethane	ND	---	0.0282	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
1,1,2-Trichloroethane	ND	---	0.0282	mg/kg dry	50	08/27/20 00:22	5035A/8260D	

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Darwin Thomas, Business Development Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SB12-DUP (A0H0608-03)				**Matrix: Soil**		**Batch: 0080785**		
Trichloroethene (TCE)	ND	---	0.0282	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
Trichlorofluoromethane	ND	---	0.113	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
1,2,3-Trichloropropane	ND	---	0.0564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
1,2,4-Trimethylbenzene	ND	---	0.0564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
1,3,5-Trimethylbenzene	ND	---	0.0564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
Vinyl chloride	ND	---	0.0282	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
m,p-Xylene	ND	---	0.0564	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
o-Xylene	ND	---	0.0282	mg/kg dry	50	08/27/20 00:22	5035A/8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*102 %*	*Limits: 80-120 %*	*1*	*08/27/20 00:22*	*5035A/8260D*	
Toluene-d8 (Surr)			*102 %*	*80-120 %*	*1*	*08/27/20 00:22*	*5035A/8260D*	
4-Bromofluorobenzene (Surr)			*102 %*	*79-120 %*	*1*	*08/27/20 00:22*	*5035A/8260D*	
SB13 (A0H0608-04)				**Matrix: Soil**		**Batch: 0080785**		
Acetone	ND	---	1.37	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Acrylonitrile	ND	---	0.137	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Benzene	ND	---	0.0137	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Bromobenzene	ND	---	0.0342	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Bromochloromethane	ND	---	0.0684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Bromodichloromethane	ND	---	0.0684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Bromoform	ND	---	0.137	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Bromomethane	ND	---	0.684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
2-Butanone (MEK)	ND	---	0.684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
n-Butylbenzene	**0.220**	---	0.0684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
sec-Butylbenzene	**0.101**	---	0.0684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
tert-Butylbenzene	ND	---	0.0684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Carbon disulfide	ND	---	0.684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Carbon tetrachloride	ND	---	0.0684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Chlorobenzene	ND	---	0.0342	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Chloroethane	ND	---	0.684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Chloroform	ND	---	0.0684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Chloromethane	ND	---	0.342	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
2-Chlorotoluene	ND	---	0.0684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
4-Chlorotoluene	ND	---	0.0684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Dibromochloromethane	ND	---	0.137	mg/kg dry	50	08/27/20 01:16	5035A/8260D	

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503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SB13 (A0H0608-04)				**Matrix: Soil**		**Batch: 0080785**		
1,2-Dibromo-3-chloropropane	ND	---	0.342	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
1,2-Dibromoethane (EDB)	ND	---	0.0684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Dibromomethane	ND	---	0.0684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
1,2-Dichlorobenzene	ND	---	0.0342	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
1,3-Dichlorobenzene	ND	---	0.0342	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
1,4-Dichlorobenzene	ND	---	0.0342	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Dichlorodifluoromethane	ND	---	0.137	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
1,1-Dichloroethane	ND	---	0.0342	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
1,2-Dichloroethane (EDC)	ND	---	0.0342	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
1,1-Dichloroethene	ND	---	0.0342	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
cis-1,2-Dichloroethene	ND	---	0.0342	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
trans-1,2-Dichloroethene	ND	---	0.0342	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
1,2-Dichloropropane	ND	---	0.0342	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
1,3-Dichloropropane	ND	---	0.0684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
2,2-Dichloropropane	ND	---	0.0684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
1,1-Dichloropropene	ND	---	0.0684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
cis-1,3-Dichloropropene	ND	---	0.0684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
trans-1,3-Dichloropropene	ND	---	0.0684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Ethylbenzene	ND	---	0.0342	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Hexachlorobutadiene	ND	---	0.137	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
2-Hexanone	ND	---	0.684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Isopropylbenzene	ND	---	0.0684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
4-Isopropyltoluene	ND	---	0.0684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Methylene chloride	ND	---	0.684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
4-Methyl-2-pentanone (MiBK)	ND	---	0.684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Methyl tert-butyl ether (MTBE)	ND	---	0.0684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Naphthalene	**0.737**	---	0.137	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
n-Propylbenzene	**0.0533**	---	0.0342	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Styrene	ND	---	0.0684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
1,1,1,2-Tetrachloroethane	ND	---	0.0342	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
1,1,2,2-Tetrachloroethane	ND	---	0.0855	mg/kg dry	50	08/27/20 01:16	5035A/8260D	R-02
Tetrachloroethene (PCE)	ND	---	0.0342	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Toluene	ND	---	0.0684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	

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Darwin Thomas, Business Development Director

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503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SB13 (A0H0608-04)				**Matrix: Soil**		**Batch: 0080785**		
1,2,3-Trichlorobenzene	ND	---	0.342	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
1,2,4-Trichlorobenzene	ND	---	0.342	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
1,1,1-Trichloroethane	ND	---	0.0342	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
1,1,2-Trichloroethane	ND	---	0.0342	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Trichloroethene (TCE)	ND	---	0.0342	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Trichlorofluoromethane	ND	---	0.137	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
1,2,3-Trichloropropane	ND	---	0.0684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
1,2,4-Trimethylbenzene	ND	---	0.0684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
1,3,5-Trimethylbenzene	ND	---	0.0684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Vinyl chloride	ND	---	0.0342	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
m,p-Xylene	ND	---	0.0684	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
o-Xylene	ND	---	0.0342	mg/kg dry	50	08/27/20 01:16	5035A/8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits: 80-120 %*	*1*	*08/27/20 01:16*	*5035A/8260D*	
Toluene-d8 (Surr)			*100 %*	*80-120 %*	*1*	*08/27/20 01:16*	*5035A/8260D*	
4-Bromofluorobenzene (Surr)			*100 %*	*79-120 %*	*1*	*08/27/20 01:16*	*5035A/8260D*	
GW-SB11 (A0H0608-05)				**Matrix: Water**		**Batch: 0080716**		
Acetone	ND	---	20.0	ug/L	1	08/25/20 18:35	EPA 8260D	
Acrylonitrile	ND	---	2.00	ug/L	1	08/25/20 18:35	EPA 8260D	
Benzene	**0.840**	---	0.200	ug/L	1	08/25/20 18:35	EPA 8260D	
Bromobenzene	ND	---	0.500	ug/L	1	08/25/20 18:35	EPA 8260D	
Bromochloromethane	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	
Bromodichloromethane	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	
Bromoform	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	
Bromomethane	ND	---	5.00	ug/L	1	08/25/20 18:35	EPA 8260D	
2-Butanone (MEK)	ND	---	10.0	ug/L	1	08/25/20 18:35	EPA 8260D	
n-Butylbenzene	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	
sec-Butylbenzene	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	
tert-Butylbenzene	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	
Carbon disulfide	ND	---	10.0	ug/L	1	08/25/20 18:35	EPA 8260D	
Carbon tetrachloride	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	
Chlorobenzene	ND	---	0.500	ug/L	1	08/25/20 18:35	EPA 8260D	
Chloroethane	ND	---	5.00	ug/L	1	08/25/20 18:35	EPA 8260D	
Chloroform	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	

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Darwin Thomas, Business Development Director

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ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GW-SB11 (A0H0608-05)				**Matrix: Water**		**Batch: 0080716**		
Chloromethane	ND	---	5.00	ug/L	1	08/25/20 18:35	EPA 8260D	
2-Chlorotoluene	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	
4-Chlorotoluene	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	
Dibromochloromethane	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	---	5.00	ug/L	1	08/25/20 18:35	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	08/25/20 18:35	EPA 8260D	
Dibromomethane	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	
1,2-Dichlorobenzene	ND	---	0.500	ug/L	1	08/25/20 18:35	EPA 8260D	
1,3-Dichlorobenzene	ND	---	0.500	ug/L	1	08/25/20 18:35	EPA 8260D	
1,4-Dichlorobenzene	ND	---	0.500	ug/L	1	08/25/20 18:35	EPA 8260D	
Dichlorodifluoromethane	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	
1,1-Dichloroethane	ND	---	0.400	ug/L	1	08/25/20 18:35	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	08/25/20 18:35	EPA 8260D	
1,1-Dichloroethene	ND	---	0.400	ug/L	1	08/25/20 18:35	EPA 8260D	
cis-1,2-Dichloroethene	ND	---	0.400	ug/L	1	08/25/20 18:35	EPA 8260D	
trans-1,2-Dichloroethene	ND	---	0.400	ug/L	1	08/25/20 18:35	EPA 8260D	
1,2-Dichloropropane	ND	---	0.500	ug/L	1	08/25/20 18:35	EPA 8260D	
1,3-Dichloropropane	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	
2,2-Dichloropropane	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	
1,1-Dichloropropene	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	
cis-1,3-Dichloropropene	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	
trans-1,3-Dichloropropene	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	08/25/20 18:35	EPA 8260D	
Hexachlorobutadiene	ND	---	5.00	ug/L	1	08/25/20 18:35	EPA 8260D	
2-Hexanone	ND	---	10.0	ug/L	1	08/25/20 18:35	EPA 8260D	
Isopropylbenzene	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	
4-Isopropyltoluene	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	
Methylene chloride	ND	---	10.0	ug/L	1	08/25/20 18:35	EPA 8260D	
4-Methyl-2-pentanone (MiBK)	ND	---	10.0	ug/L	1	08/25/20 18:35	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	
Naphthalene	ND	---	2.00	ug/L	1	08/25/20 18:35	EPA 8260D	
n-Propylbenzene	ND	---	0.500	ug/L	1	08/25/20 18:35	EPA 8260D	
Styrene	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	

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ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GW-SB11 (A0H0608-05)				**Matrix: Water**		**Batch: 0080716**		
1,1,1,2-Tetrachloroethane	ND	---	0.400	ug/L	1	08/25/20 18:35	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	---	0.500	ug/L	1	08/25/20 18:35	EPA 8260D	
Tetrachloroethene (PCE)	ND	---	0.400	ug/L	1	08/25/20 18:35	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	
1,2,3-Trichlorobenzene	ND	---	2.00	ug/L	1	08/25/20 18:35	EPA 8260D	
1,2,4-Trichlorobenzene	ND	---	2.00	ug/L	1	08/25/20 18:35	EPA 8260D	
1,1,1-Trichloroethane	ND	---	0.400	ug/L	1	08/25/20 18:35	EPA 8260D	
1,1,2-Trichloroethane	ND	---	0.500	ug/L	1	08/25/20 18:35	EPA 8260D	
Trichloroethene (TCE)	ND	---	0.400	ug/L	1	08/25/20 18:35	EPA 8260D	
Trichlorofluoromethane	ND	---	2.00	ug/L	1	08/25/20 18:35	EPA 8260D	
1,2,3-Trichloropropane	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	
1,2,4-Trimethylbenzene	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	
1,3,5-Trimethylbenzene	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	
Vinyl chloride	ND	---	0.400	ug/L	1	08/25/20 18:35	EPA 8260D	
m,p-Xylene	ND	---	1.00	ug/L	1	08/25/20 18:35	EPA 8260D	
o-Xylene	ND	---	0.500	ug/L	1	08/25/20 18:35	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*08/25/20 18:35*	*EPA 8260D*	
Toluene-d8 (Surr)			*102 %*	*80-120 %*	*1*	*08/25/20 18:35*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*97 %*	*80-120 %*	*1*	*08/25/20 18:35*	*EPA 8260D*	
GW-SB12 (A0H0608-06RE1)				**Matrix: Water**		**Batch: 0080754**		
Acetone	ND	---	20.0	ug/L	1	08/26/20 15:02	EPA 8260D	
Acrylonitrile	ND	---	9.00	ug/L	1	08/26/20 15:02	EPA 8260D	R-02
Benzene	**8.61**	---	0.200	ug/L	1	08/26/20 15:02	EPA 8260D	
Bromobenzene	ND	---	0.500	ug/L	1	08/26/20 15:02	EPA 8260D	
Bromochloromethane	ND	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
Bromodichloromethane	ND	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
Bromoform	ND	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
Bromomethane	ND	---	5.00	ug/L	1	08/26/20 15:02	EPA 8260D	
2-Butanone (MEK)	ND	---	10.0	ug/L	1	08/26/20 15:02	EPA 8260D	
n-Butylbenzene	**2.01**	---	2.00	ug/L	1	08/26/20 15:02	EPA 8260D	
sec-Butylbenzene	**1.38**	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
tert-Butylbenzene	ND	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
Carbon disulfide	ND	---	10.0	ug/L	1	08/26/20 15:02	EPA 8260D	

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Darwin Thomas, Business Development Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GW-SB12 (A0H0608-06RE1)				**Matrix: Water**		**Batch: 0080754**		
Carbon tetrachloride	ND	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
Chlorobenzene	ND	---	0.500	ug/L	1	08/26/20 15:02	EPA 8260D	
Chloroethane	ND	---	5.00	ug/L	1	08/26/20 15:02	EPA 8260D	EST
Chloroform	ND	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
Chloromethane	ND	---	5.00	ug/L	1	08/26/20 15:02	EPA 8260D	
2-Chlorotoluene	ND	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
4-Chlorotoluene	ND	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
Dibromochloromethane	ND	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	---	5.00	ug/L	1	08/26/20 15:02	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	08/26/20 15:02	EPA 8260D	
Dibromomethane	ND	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
1,2-Dichlorobenzene	ND	---	0.500	ug/L	1	08/26/20 15:02	EPA 8260D	
1,3-Dichlorobenzene	ND	---	0.500	ug/L	1	08/26/20 15:02	EPA 8260D	
1,4-Dichlorobenzene	ND	---	0.500	ug/L	1	08/26/20 15:02	EPA 8260D	
Dichlorodifluoromethane	ND	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
1,1-Dichloroethane	ND	---	0.400	ug/L	1	08/26/20 15:02	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	08/26/20 15:02	EPA 8260D	
1,1-Dichloroethene	ND	---	0.400	ug/L	1	08/26/20 15:02	EPA 8260D	
cis-1,2-Dichloroethene	ND	---	0.400	ug/L	1	08/26/20 15:02	EPA 8260D	
trans-1,2-Dichloroethene	ND	---	0.400	ug/L	1	08/26/20 15:02	EPA 8260D	
1,2-Dichloropropane	ND	---	0.500	ug/L	1	08/26/20 15:02	EPA 8260D	
1,3-Dichloropropane	ND	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
2,2-Dichloropropane	ND	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
1,1-Dichloropropene	ND	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
cis-1,3-Dichloropropene	ND	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
trans-1,3-Dichloropropene	ND	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	08/26/20 15:02	EPA 8260D	
Hexachlorobutadiene	ND	---	5.00	ug/L	1	08/26/20 15:02	EPA 8260D	
2-Hexanone	ND	---	10.0	ug/L	1	08/26/20 15:02	EPA 8260D	
Isopropylbenzene	**3.83**	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
4-Isopropyltoluene	ND	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
Methylene chloride	ND	---	10.0	ug/L	1	08/26/20 15:02	EPA 8260D	
4-Methyl-2-pentanone (MiBK)	ND	---	10.0	ug/L	1	08/26/20 15:02	EPA 8260D	

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Darwin Thomas, Business Development Director

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503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GW-SB12 (A0H0608-06RE1)				**Matrix: Water**		**Batch: 0080754**		
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
Naphthalene	**29.7**	---	2.00	ug/L	1	08/26/20 15:02	EPA 8260D	
n-Propylbenzene	**5.43**	---	0.500	ug/L	1	08/26/20 15:02	EPA 8260D	
Styrene	ND	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	---	0.400	ug/L	1	08/26/20 15:02	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	---	0.500	ug/L	1	08/26/20 15:02	EPA 8260D	
Tetrachloroethene (PCE)	ND	---	0.400	ug/L	1	08/26/20 15:02	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
1,2,3-Trichlorobenzene	ND	---	2.00	ug/L	1	08/26/20 15:02	EPA 8260D	
1,2,4-Trichlorobenzene	ND	---	2.00	ug/L	1	08/26/20 15:02	EPA 8260D	
1,1,1-Trichloroethane	ND	---	0.400	ug/L	1	08/26/20 15:02	EPA 8260D	
1,1,2-Trichloroethane	ND	---	0.500	ug/L	1	08/26/20 15:02	EPA 8260D	
Trichloroethene (TCE)	ND	---	0.400	ug/L	1	08/26/20 15:02	EPA 8260D	
Trichlorofluoromethane	ND	---	2.00	ug/L	1	08/26/20 15:02	EPA 8260D	
1,2,3-Trichloropropane	ND	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
1,2,4-Trimethylbenzene	ND	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
1,3,5-Trimethylbenzene	ND	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
Vinyl chloride	ND	---	0.400	ug/L	1	08/26/20 15:02	EPA 8260D	
m,p-Xylene	ND	---	1.00	ug/L	1	08/26/20 15:02	EPA 8260D	
o-Xylene	ND	---	0.500	ug/L	1	08/26/20 15:02	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*98 %*	*Limits: 80-120 %*	*1*	*08/26/20 15:02*	*EPA 8260D*	
Toluene-d8 (Surr)			*99 %*	*80-120 %*	*1*	*08/26/20 15:02*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*99 %*	*80-120 %*	*1*	*08/26/20 15:02*	*EPA 8260D*	
GW-SB12-DUP (A0H0608-07RE1)				**Matrix: Water**		**Batch: 0080754**		
Acetone	ND	---	20.0	ug/L	1	08/26/20 15:29	EPA 8260D	
Acrylonitrile	ND	---	9.00	ug/L	1	08/26/20 15:29	EPA 8260D	R-02
Benzene	**8.88**	---	0.200	ug/L	1	08/26/20 15:29	EPA 8260D	
Bromobenzene	ND	---	0.500	ug/L	1	08/26/20 15:29	EPA 8260D	
Bromochloromethane	ND	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
Bromodichloromethane	ND	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
Bromoform	ND	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
Bromomethane	ND	---	5.00	ug/L	1	08/26/20 15:29	EPA 8260D	
2-Butanone (MEK)	ND	---	10.0	ug/L	1	08/26/20 15:29	EPA 8260D	

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Darwin Thomas, Business Development Director

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503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GW-SB12-DUP (A0H0608-07RE1)				**Matrix: Water**		**Batch: 0080754**		
n-Butylbenzene	**2.00**	---	2.00	ug/L	1	08/26/20 15:29	EPA 8260D	
sec-Butylbenzene	**1.36**	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
tert-Butylbenzene	ND	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
Carbon disulfide	ND	---	10.0	ug/L	1	08/26/20 15:29	EPA 8260D	
Carbon tetrachloride	ND	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
Chlorobenzene	ND	---	0.500	ug/L	1	08/26/20 15:29	EPA 8260D	
Chloroethane	ND	---	5.00	ug/L	1	08/26/20 15:29	EPA 8260D	EST
Chloroform	ND	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
Chloromethane	ND	---	5.00	ug/L	1	08/26/20 15:29	EPA 8260D	
2-Chlorotoluene	ND	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
4-Chlorotoluene	ND	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
Dibromochloromethane	ND	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	---	5.00	ug/L	1	08/26/20 15:29	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	08/26/20 15:29	EPA 8260D	
Dibromomethane	ND	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
1,2-Dichlorobenzene	ND	---	0.500	ug/L	1	08/26/20 15:29	EPA 8260D	
1,3-Dichlorobenzene	ND	---	0.500	ug/L	1	08/26/20 15:29	EPA 8260D	
1,4-Dichlorobenzene	ND	---	0.500	ug/L	1	08/26/20 15:29	EPA 8260D	
Dichlorodifluoromethane	ND	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
1,1-Dichloroethane	ND	---	0.400	ug/L	1	08/26/20 15:29	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	08/26/20 15:29	EPA 8260D	
1,1-Dichloroethene	ND	---	0.400	ug/L	1	08/26/20 15:29	EPA 8260D	
cis-1,2-Dichloroethene	ND	---	0.400	ug/L	1	08/26/20 15:29	EPA 8260D	
trans-1,2-Dichloroethene	ND	---	0.400	ug/L	1	08/26/20 15:29	EPA 8260D	
1,2-Dichloropropane	ND	---	0.500	ug/L	1	08/26/20 15:29	EPA 8260D	
1,3-Dichloropropane	ND	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
2,2-Dichloropropane	ND	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
1,1-Dichloropropene	ND	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
cis-1,3-Dichloropropene	ND	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
trans-1,3-Dichloropropene	ND	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	08/26/20 15:29	EPA 8260D	
Hexachlorobutadiene	ND	---	5.00	ug/L	1	08/26/20 15:29	EPA 8260D	
2-Hexanone	ND	---	10.0	ug/L	1	08/26/20 15:29	EPA 8260D	

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Darwin Thomas, Business Development Director

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503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GW-SB12-DUP (A0H0608-07RE1)				**Matrix: Water**		**Batch: 0080754**		
Isopropylbenzene	**3.75**	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
4-Isopropyltoluene	ND	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
Methylene chloride	ND	---	10.0	ug/L	1	08/26/20 15:29	EPA 8260D	
4-Methyl-2-pentanone (MiBK)	ND	---	10.0	ug/L	1	08/26/20 15:29	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
Naphthalene	**29.4**	---	2.00	ug/L	1	08/26/20 15:29	EPA 8260D	
n-Propylbenzene	**5.35**	---	0.500	ug/L	1	08/26/20 15:29	EPA 8260D	
Styrene	ND	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	---	0.400	ug/L	1	08/26/20 15:29	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	---	0.500	ug/L	1	08/26/20 15:29	EPA 8260D	
Tetrachloroethene (PCE)	ND	---	0.400	ug/L	1	08/26/20 15:29	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
1,2,3-Trichlorobenzene	ND	---	2.00	ug/L	1	08/26/20 15:29	EPA 8260D	
1,2,4-Trichlorobenzene	ND	---	2.00	ug/L	1	08/26/20 15:29	EPA 8260D	
1,1,1-Trichloroethane	ND	---	0.400	ug/L	1	08/26/20 15:29	EPA 8260D	
1,1,2-Trichloroethane	ND	---	0.500	ug/L	1	08/26/20 15:29	EPA 8260D	
Trichloroethene (TCE)	ND	---	0.400	ug/L	1	08/26/20 15:29	EPA 8260D	
Trichlorofluoromethane	ND	---	2.00	ug/L	1	08/26/20 15:29	EPA 8260D	
1,2,3-Trichloropropane	ND	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
1,2,4-Trimethylbenzene	ND	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
1,3,5-Trimethylbenzene	ND	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
Vinyl chloride	ND	---	0.400	ug/L	1	08/26/20 15:29	EPA 8260D	
m,p-Xylene	ND	---	1.00	ug/L	1	08/26/20 15:29	EPA 8260D	
o-Xylene	ND	---	0.500	ug/L	1	08/26/20 15:29	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*99 %*	*Limits:*	*80-120 %*	*1*	*08/26/20 15:29*	*EPA 8260D*	
Toluene-d8 (Surr)			*97 %*		*80-120 %*	*1*	*08/26/20 15:29*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*100 %*		*80-120 %*	*1*	*08/26/20 15:29*	*EPA 8260D*	
GW-SB13 (A0H0608-08)				**Matrix: Water**		**Batch: 0080716**		
Acetone	ND	---	200	ug/L	10	08/25/20 20:25	EPA 8260D	
Acrylonitrile	ND	---	30.0	ug/L	10	08/25/20 20:25	EPA 8260D	R-02
Benzene	**4.90**	---	2.00	ug/L	10	08/25/20 20:25	EPA 8260D	
Bromobenzene	ND	---	5.00	ug/L	10	08/25/20 20:25	EPA 8260D	
Bromochloromethane	ND	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	

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ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GW-SB13 (A0H0608-08)				**Matrix: Water**		**Batch: 0080716**		
Bromodichloromethane	ND	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	
Bromoform	ND	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	
Bromomethane	ND	---	50.0	ug/L	10	08/25/20 20:25	EPA 8260D	
2-Butanone (MEK)	ND	---	100	ug/L	10	08/25/20 20:25	EPA 8260D	
n-Butylbenzene	**18.1**	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	**M-02**
sec-Butylbenzene	**10.2**	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	
tert-Butylbenzene	ND	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	
Carbon disulfide	ND	---	100	ug/L	10	08/25/20 20:25	EPA 8260D	
Carbon tetrachloride	ND	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	
Chlorobenzene	ND	---	5.00	ug/L	10	08/25/20 20:25	EPA 8260D	
Chloroethane	ND	---	50.0	ug/L	10	08/25/20 20:25	EPA 8260D	
Chloroform	ND	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	
Chloromethane	ND	---	50.0	ug/L	10	08/25/20 20:25	EPA 8260D	
2-Chlorotoluene	ND	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	
4-Chlorotoluene	ND	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	
Dibromochloromethane	ND	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	---	50.0	ug/L	10	08/25/20 20:25	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	---	5.00	ug/L	10	08/25/20 20:25	EPA 8260D	
Dibromomethane	ND	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	
1,2-Dichlorobenzene	ND	---	5.00	ug/L	10	08/25/20 20:25	EPA 8260D	
1,3-Dichlorobenzene	ND	---	5.00	ug/L	10	08/25/20 20:25	EPA 8260D	
1,4-Dichlorobenzene	ND	---	5.00	ug/L	10	08/25/20 20:25	EPA 8260D	
Dichlorodifluoromethane	ND	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	
1,1-Dichloroethane	ND	---	4.00	ug/L	10	08/25/20 20:25	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	---	4.00	ug/L	10	08/25/20 20:25	EPA 8260D	
1,1-Dichloroethene	ND	---	4.00	ug/L	10	08/25/20 20:25	EPA 8260D	
cis-1,2-Dichloroethene	ND	---	4.00	ug/L	10	08/25/20 20:25	EPA 8260D	
trans-1,2-Dichloroethene	ND	---	4.00	ug/L	10	08/25/20 20:25	EPA 8260D	
1,2-Dichloropropane	ND	---	5.00	ug/L	10	08/25/20 20:25	EPA 8260D	
1,3-Dichloropropane	ND	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	
2,2-Dichloropropane	ND	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	
1,1-Dichloropropene	ND	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	
cis-1,3-Dichloropropene	ND	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	

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Darwin Thomas, Business Development Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GW-SB13 (A0H0608-08)				**Matrix: Water**		**Batch: 0080716**		
trans-1,3-Dichloropropene	ND	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	
Ethylbenzene	ND	---	5.00	ug/L	10	08/25/20 20:25	EPA 8260D	
Hexachlorobutadiene	ND	---	50.0	ug/L	10	08/25/20 20:25	EPA 8260D	
2-Hexanone	ND	---	100	ug/L	10	08/25/20 20:25	EPA 8260D	
Isopropylbenzene	**14.6**	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	
4-Isopropyltoluene	ND	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	
Methylene chloride	ND	---	100	ug/L	10	08/25/20 20:25	EPA 8260D	
4-Methyl-2-pentanone (MiBK)	ND	---	100	ug/L	10	08/25/20 20:25	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	
Naphthalene	**528**	---	20.0	ug/L	10	08/25/20 20:25	EPA 8260D	
n-Propylbenzene	**35.5**	---	5.00	ug/L	10	08/25/20 20:25	EPA 8260D	
Styrene	ND	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	---	4.00	ug/L	10	08/25/20 20:25	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	---	5.00	ug/L	10	08/25/20 20:25	EPA 8260D	
Tetrachloroethene (PCE)	ND	---	4.00	ug/L	10	08/25/20 20:25	EPA 8260D	
Toluene	ND	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	
1,2,3-Trichlorobenzene	ND	---	20.0	ug/L	10	08/25/20 20:25	EPA 8260D	
1,2,4-Trichlorobenzene	ND	---	20.0	ug/L	10	08/25/20 20:25	EPA 8260D	
1,1,1-Trichloroethane	ND	---	4.00	ug/L	10	08/25/20 20:25	EPA 8260D	
1,1,2-Trichloroethane	ND	---	5.00	ug/L	10	08/25/20 20:25	EPA 8260D	
Trichloroethene (TCE)	ND	---	4.00	ug/L	10	08/25/20 20:25	EPA 8260D	
Trichlorofluoromethane	ND	---	20.0	ug/L	10	08/25/20 20:25	EPA 8260D	
1,2,3-Trichloropropane	ND	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	
1,2,4-Trimethylbenzene	**104**	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	
1,3,5-Trimethylbenzene	**28.5**	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	
Vinyl chloride	ND	---	4.00	ug/L	10	08/25/20 20:25	EPA 8260D	
m,p-Xylene	**37.6**	---	10.0	ug/L	10	08/25/20 20:25	EPA 8260D	
o-Xylene	**9.30**	---	5.00	ug/L	10	08/25/20 20:25	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits:*	*80-120 %*	*1*	*08/25/20 20:25*	*EPA 8260D*
Toluene-d8 (Surr)			*106 %*		*80-120 %*	*1*	*08/25/20 20:25*	*EPA 8260D*
4-Bromofluorobenzene (Surr)			*99 %*		*80-120 %*	*1*	*08/25/20 20:25*	*EPA 8260D*
RB (A0H0608-09)				**Matrix: Water**		**Batch: 0080716**		

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Darwin Thomas, Business Development Director

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6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
RB (A0H0608-09)				**Matrix: Water**		**Batch: 0080716**		
Acetone	ND	---	20.0	ug/L	1	08/25/20 19:03	EPA 8260D	
Acrylonitrile	ND	---	2.00	ug/L	1	08/25/20 19:03	EPA 8260D	
Benzene	ND	---	0.200	ug/L	1	08/25/20 19:03	EPA 8260D	
Bromobenzene	ND	---	0.500	ug/L	1	08/25/20 19:03	EPA 8260D	
Bromochloromethane	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
Bromodichloromethane	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
Bromoform	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
Bromomethane	ND	---	5.00	ug/L	1	08/25/20 19:03	EPA 8260D	
2-Butanone (MEK)	ND	---	10.0	ug/L	1	08/25/20 19:03	EPA 8260D	
n-Butylbenzene	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
sec-Butylbenzene	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
tert-Butylbenzene	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
Carbon disulfide	ND	---	10.0	ug/L	1	08/25/20 19:03	EPA 8260D	
Carbon tetrachloride	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
Chlorobenzene	ND	---	0.500	ug/L	1	08/25/20 19:03	EPA 8260D	
Chloroethane	ND	---	5.00	ug/L	1	08/25/20 19:03	EPA 8260D	
Chloroform	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
Chloromethane	ND	---	5.00	ug/L	1	08/25/20 19:03	EPA 8260D	
2-Chlorotoluene	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
4-Chlorotoluene	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
Dibromochloromethane	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	---	5.00	ug/L	1	08/25/20 19:03	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	08/25/20 19:03	EPA 8260D	
Dibromomethane	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
1,2-Dichlorobenzene	ND	---	0.500	ug/L	1	08/25/20 19:03	EPA 8260D	
1,3-Dichlorobenzene	ND	---	0.500	ug/L	1	08/25/20 19:03	EPA 8260D	
1,4-Dichlorobenzene	ND	---	0.500	ug/L	1	08/25/20 19:03	EPA 8260D	
Dichlorodifluoromethane	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
1,1-Dichloroethane	ND	---	0.400	ug/L	1	08/25/20 19:03	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	08/25/20 19:03	EPA 8260D	
1,1-Dichloroethene	ND	---	0.400	ug/L	1	08/25/20 19:03	EPA 8260D	
cis-1,2-Dichloroethene	ND	---	0.400	ug/L	1	08/25/20 19:03	EPA 8260D	
trans-1,2-Dichloroethene	ND	---	0.400	ug/L	1	08/25/20 19:03	EPA 8260D	

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Darwin Thomas, Business Development Director

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503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
RB (A0H0608-09)				**Matrix: Water**		**Batch: 0080716**		
1,2-Dichloropropane	ND	---	0.500	ug/L	1	08/25/20 19:03	EPA 8260D	
1,3-Dichloropropane	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
2,2-Dichloropropane	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
1,1-Dichloropropene	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
cis-1,3-Dichloropropene	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
trans-1,3-Dichloropropene	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	08/25/20 19:03	EPA 8260D	
Hexachlorobutadiene	ND	---	5.00	ug/L	1	08/25/20 19:03	EPA 8260D	
2-Hexanone	ND	---	10.0	ug/L	1	08/25/20 19:03	EPA 8260D	
Isopropylbenzene	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
4-Isopropyltoluene	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
Methylene chloride	ND	---	10.0	ug/L	1	08/25/20 19:03	EPA 8260D	
4-Methyl-2-pentanone (MiBK)	ND	---	10.0	ug/L	1	08/25/20 19:03	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
Naphthalene	ND	---	2.00	ug/L	1	08/25/20 19:03	EPA 8260D	
n-Propylbenzene	ND	---	0.500	ug/L	1	08/25/20 19:03	EPA 8260D	
Styrene	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	---	0.400	ug/L	1	08/25/20 19:03	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	---	0.500	ug/L	1	08/25/20 19:03	EPA 8260D	
Tetrachloroethene (PCE)	ND	---	0.400	ug/L	1	08/25/20 19:03	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
1,2,3-Trichlorobenzene	ND	---	2.00	ug/L	1	08/25/20 19:03	EPA 8260D	
1,2,4-Trichlorobenzene	ND	---	2.00	ug/L	1	08/25/20 19:03	EPA 8260D	
1,1,1-Trichloroethane	ND	---	0.400	ug/L	1	08/25/20 19:03	EPA 8260D	
1,1,2-Trichloroethane	ND	---	0.500	ug/L	1	08/25/20 19:03	EPA 8260D	
Trichloroethene (TCE)	ND	---	0.400	ug/L	1	08/25/20 19:03	EPA 8260D	
Trichlorofluoromethane	ND	---	2.00	ug/L	1	08/25/20 19:03	EPA 8260D	
1,2,3-Trichloropropane	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
1,2,4-Trimethylbenzene	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
1,3,5-Trimethylbenzene	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
Vinyl chloride	ND	---	0.400	ug/L	1	08/25/20 19:03	EPA 8260D	
m,p-Xylene	ND	---	1.00	ug/L	1	08/25/20 19:03	EPA 8260D	
o-Xylene	ND	---	0.500	ug/L	1	08/25/20 19:03	EPA 8260D	

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ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
RB (A0H0608-09)				**Matrix: Water**		**Batch: 0080716**		
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*106 %*	*Limits: 80-120 %*	*1*	*08/25/20 19:03*	*EPA 8260D*	
Toluene-d8 (Surr)			*105 %*	*80-120 %*	*1*	*08/25/20 19:03*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*95 %*	*80-120 %*	*1*	*08/25/20 19:03*	*EPA 8260D*	
Trip Blank (A0H0608-10)				**Matrix: Water**		**Batch: 0080716**		
Acetone	ND	---	20.0	ug/L	1	08/25/20 18:08	EPA 8260D	
Acrylonitrile	ND	---	2.00	ug/L	1	08/25/20 18:08	EPA 8260D	
Benzene	ND	---	0.200	ug/L	1	08/25/20 18:08	EPA 8260D	
Bromobenzene	ND	---	0.500	ug/L	1	08/25/20 18:08	EPA 8260D	
Bromochloromethane	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
Bromodichloromethane	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
Bromoform	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
Bromomethane	ND	---	5.00	ug/L	1	08/25/20 18:08	EPA 8260D	
2-Butanone (MEK)	ND	---	10.0	ug/L	1	08/25/20 18:08	EPA 8260D	
n-Butylbenzene	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
sec-Butylbenzene	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
tert-Butylbenzene	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
Carbon disulfide	ND	---	10.0	ug/L	1	08/25/20 18:08	EPA 8260D	
Carbon tetrachloride	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
Chlorobenzene	ND	---	0.500	ug/L	1	08/25/20 18:08	EPA 8260D	
Chloroethane	ND	---	5.00	ug/L	1	08/25/20 18:08	EPA 8260D	
Chloroform	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
Chloromethane	ND	---	5.00	ug/L	1	08/25/20 18:08	EPA 8260D	
2-Chlorotoluene	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
4-Chlorotoluene	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
Dibromochloromethane	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	---	5.00	ug/L	1	08/25/20 18:08	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	08/25/20 18:08	EPA 8260D	
Dibromomethane	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
1,2-Dichlorobenzene	ND	---	0.500	ug/L	1	08/25/20 18:08	EPA 8260D	
1,3-Dichlorobenzene	ND	---	0.500	ug/L	1	08/25/20 18:08	EPA 8260D	
1,4-Dichlorobenzene	ND	---	0.500	ug/L	1	08/25/20 18:08	EPA 8260D	
Dichlorodifluoromethane	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
1,1-Dichloroethane	ND	---	0.400	ug/L	1	08/25/20 18:08	EPA 8260D	

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ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
Trip Blank (A0H0608-10)				**Matrix: Water**		**Batch: 0080716**		
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	08/25/20 18:08	EPA 8260D	
1,1-Dichloroethene	ND	---	0.400	ug/L	1	08/25/20 18:08	EPA 8260D	
cis-1,2-Dichloroethene	ND	---	0.400	ug/L	1	08/25/20 18:08	EPA 8260D	
trans-1,2-Dichloroethene	ND	---	0.400	ug/L	1	08/25/20 18:08	EPA 8260D	
1,2-Dichloropropane	ND	---	0.500	ug/L	1	08/25/20 18:08	EPA 8260D	
1,3-Dichloropropane	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
2,2-Dichloropropane	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
1,1-Dichloropropene	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
cis-1,3-Dichloropropene	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
trans-1,3-Dichloropropene	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	08/25/20 18:08	EPA 8260D	
Hexachlorobutadiene	ND	---	5.00	ug/L	1	08/25/20 18:08	EPA 8260D	
2-Hexanone	ND	---	10.0	ug/L	1	08/25/20 18:08	EPA 8260D	
Isopropylbenzene	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
4-Isopropyltoluene	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
Methylene chloride	ND	---	10.0	ug/L	1	08/25/20 18:08	EPA 8260D	
4-Methyl-2-pentanone (MiBK)	ND	---	10.0	ug/L	1	08/25/20 18:08	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
Naphthalene	ND	---	2.00	ug/L	1	08/25/20 18:08	EPA 8260D	
n-Propylbenzene	ND	---	0.500	ug/L	1	08/25/20 18:08	EPA 8260D	
Styrene	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	---	0.400	ug/L	1	08/25/20 18:08	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	---	0.500	ug/L	1	08/25/20 18:08	EPA 8260D	
Tetrachloroethene (PCE)	ND	---	0.400	ug/L	1	08/25/20 18:08	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
1,2,3-Trichlorobenzene	ND	---	2.00	ug/L	1	08/25/20 18:08	EPA 8260D	
1,2,4-Trichlorobenzene	ND	---	2.00	ug/L	1	08/25/20 18:08	EPA 8260D	
1,1,1-Trichloroethane	ND	---	0.400	ug/L	1	08/25/20 18:08	EPA 8260D	
1,1,2-Trichloroethane	ND	---	0.500	ug/L	1	08/25/20 18:08	EPA 8260D	
Trichloroethene (TCE)	ND	---	0.400	ug/L	1	08/25/20 18:08	EPA 8260D	
Trichlorofluoromethane	ND	---	2.00	ug/L	1	08/25/20 18:08	EPA 8260D	
1,2,3-Trichloropropane	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
1,2,4-Trimethylbenzene	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	

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Darwin Thomas, Business Development Director

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6700 S.W. Sandburg Street
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503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
Trip Blank (A0H0608-10)				**Matrix: Water**		**Batch: 0080716**		
1,3,5-Trimethylbenzene	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
Vinyl chloride	ND	---	0.400	ug/L	1	08/25/20 18:08	EPA 8260D	
m,p-Xylene	ND	---	1.00	ug/L	1	08/25/20 18:08	EPA 8260D	
o-Xylene	ND	---	0.500	ug/L	1	08/25/20 18:08	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*106 %*	*Limits: 80-120 %*	*1*	*08/25/20 18:08*	*EPA 8260D*	
Toluene-d8 (Surr)			*103 %*	*80-120 %*	*1*	*08/25/20 18:08*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*95 %*	*80-120 %*	*1*	*08/25/20 18:08*	*EPA 8260D*	

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Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SB11 (A0H0608-01RE2)				**Matrix: Soil**		**Batch: 0090057**		
Acenaphthene	ND	---	0.00298	mg/kg dry	1	09/04/20 17:19	EPA 8270E	
Acenaphthylene	ND	---	0.00298	mg/kg dry	1	09/04/20 17:19	EPA 8270E	
Anthracene	ND	---	0.00298	mg/kg dry	1	09/04/20 17:19	EPA 8270E	
Benz(a)anthracene	ND	---	0.00298	mg/kg dry	1	09/04/20 17:19	EPA 8270E	
Benzo(a)pyrene	ND	---	0.00447	mg/kg dry	1	09/04/20 17:19	EPA 8270E	
Benzo(b)fluoranthene	ND	---	0.00447	mg/kg dry	1	09/04/20 17:19	EPA 8270E	
Benzo(k)fluoranthene	ND	---	0.00447	mg/kg dry	1	09/04/20 17:19	EPA 8270E	
Benzo(g,h,i)perylene	ND	---	0.00298	mg/kg dry	1	09/04/20 17:19	EPA 8270E	
Chrysene	ND	---	0.00298	mg/kg dry	1	09/04/20 17:19	EPA 8270E	
Dibenz(a,h)anthracene	ND	---	0.00298	mg/kg dry	1	09/04/20 17:19	EPA 8270E	
Fluoranthene	**0.00427**	---	0.00298	mg/kg dry	1	09/04/20 17:19	EPA 8270E	
Fluorene	ND	---	0.00298	mg/kg dry	1	09/04/20 17:19	EPA 8270E	
Indeno(1,2,3-cd)pyrene	ND	---	0.00298	mg/kg dry	1	09/04/20 17:19	EPA 8270E	
1-Methylnaphthalene	ND	---	0.00595	mg/kg dry	1	09/04/20 17:19	EPA 8270E	
2-Methylnaphthalene	ND	---	0.00595	mg/kg dry	1	09/04/20 17:19	EPA 8270E	
Naphthalene	ND	---	0.00595	mg/kg dry	1	09/04/20 17:19	EPA 8270E	
Phenanthrene	**0.0167**	---	0.00298	mg/kg dry	1	09/04/20 17:19	EPA 8270E	
Pyrene	**0.00394**	---	0.00298	mg/kg dry	1	09/04/20 17:19	EPA 8270E	
Carbazole	ND	---	0.00447	mg/kg dry	1	09/04/20 17:19	EPA 8270E	
Dibenzofuran	ND	---	0.00298	mg/kg dry	1	09/04/20 17:19	EPA 8270E	
Surrogate: Nitrobenzene-d5 (Surr)		*Recovery:*	*55 %*	*Limits: 37-122 %*	*1*	*09/04/20 17:19*	*EPA 8270E*	
2-Fluorobiphenyl (Surr)			*55 %*	*44-120 %*	*1*	*09/04/20 17:19*	*EPA 8270E*	
Phenol-d6 (Surr)			*55 %*	*33-122 %*	*1*	*09/04/20 17:19*	*EPA 8270E*	*Q-41*
p-Terphenyl-d14 (Surr)			*55 %*	*54-127 %*	*1*	*09/04/20 17:19*	*EPA 8270E*	
2-Fluorophenol (Surr)			*49 %*	*35-120 %*	*1*	*09/04/20 17:19*	*EPA 8270E*	
2,4,6-Tribromophenol (Surr)			*72 %*	*39-132 %*	*1*	*09/04/20 17:19*	*EPA 8270E*	
SB12 (A0H0608-02)				**Matrix: Soil**		**Batch: 0090057**		
Acenaphthene	ND	---	0.275	mg/kg dry	40	09/03/20 18:16	EPA 8270E	R-02
Acenaphthylene	ND	---	0.122	mg/kg dry	40	09/03/20 18:16	EPA 8270E	
Anthracene	ND	---	0.122	mg/kg dry	40	09/03/20 18:16	EPA 8270E	
Benz(a)anthracene	ND	---	0.122	mg/kg dry	40	09/03/20 18:16	EPA 8270E	
Benzo(a)pyrene	ND	---	0.183	mg/kg dry	40	09/03/20 18:16	EPA 8270E	
Benzo(b)fluoranthene	ND	---	0.183	mg/kg dry	40	09/03/20 18:16	EPA 8270E	

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Darwin Thomas, Business Development Director

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503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SB12 (A0H0608-02)				**Matrix: Soil**		**Batch: 0090057**		
Benzo(k)fluoranthene	ND	---	0.183	mg/kg dry	40	09/03/20 18:16	EPA 8270E	
Benzo(g,h,i)perylene	ND	---	0.122	mg/kg dry	40	09/03/20 18:16	EPA 8270E	
Chrysene	ND	---	0.122	mg/kg dry	40	09/03/20 18:16	EPA 8270E	
Dibenz(a,h)anthracene	ND	---	0.122	mg/kg dry	40	09/03/20 18:16	EPA 8270E	
Fluoranthene	ND	---	0.122	mg/kg dry	40	09/03/20 18:16	EPA 8270E	
Fluorene	**0.209**	---	0.122	mg/kg dry	40	09/03/20 18:16	EPA 8270E	
Indeno(1,2,3-cd)pyrene	ND	---	0.122	mg/kg dry	40	09/03/20 18:16	EPA 8270E	
1-Methylnaphthalene	**1.07**	---	0.244	mg/kg dry	40	09/03/20 18:16	EPA 8270E	
2-Methylnaphthalene	**0.306**	---	0.244	mg/kg dry	40	09/03/20 18:16	EPA 8270E	
Naphthalene	ND	---	0.244	mg/kg dry	40	09/03/20 18:16	EPA 8270E	
Phenanthrene	**0.969**	---	0.122	mg/kg dry	40	09/03/20 18:16	EPA 8270E	
Pyrene	ND	---	0.122	mg/kg dry	40	09/03/20 18:16	EPA 8270E	
Carbazole	ND	---	0.183	mg/kg dry	40	09/03/20 18:16	EPA 8270E	
Dibenzofuran	ND	---	0.183	mg/kg dry	40	09/03/20 18:16	EPA 8270E	R-02
Surrogate: Nitrobenzene-d5 (Surr)		*Recovery: 105 %*	*Limits: 37-122 %*		*40*	*09/03/20 18:16*	*EPA 8270E*	*S-05*
2-Fluorobiphenyl (Surr)		*90 %*	*44-120 %*		*40*	*09/03/20 18:16*	*EPA 8270E*	*S-05*
Phenol-d6 (Surr)		*78 %*	*33-122 %*		*40*	*09/03/20 18:16*	*EPA 8270E*	*S-05*
p-Terphenyl-d14 (Surr)		*71 %*	*54-127 %*		*40*	*09/03/20 18:16*	*EPA 8270E*	*S-05*
2-Fluorophenol (Surr)		*56 %*	*35-120 %*		*40*	*09/03/20 18:16*	*EPA 8270E*	*S-05*
2,4,6-Tribromophenol (Surr)		*70 %*	*39-132 %*		*40*	*09/03/20 18:16*	*EPA 8270E*	*S-05*
SB12-DUP (A0H0608-03)				**Matrix: Soil**		**Batch: 0090057**		
Acenaphthene	ND	---	0.273	mg/kg dry	40	09/03/20 18:53	EPA 8270E	R-02
Acenaphthylene	ND	---	0.182	mg/kg dry	40	09/03/20 18:53	EPA 8270E	R-02
Anthracene	ND	---	0.121	mg/kg dry	40	09/03/20 18:53	EPA 8270E	
Benz(a)anthracene	ND	---	0.121	mg/kg dry	40	09/03/20 18:53	EPA 8270E	
Benzo(a)pyrene	ND	---	0.182	mg/kg dry	40	09/03/20 18:53	EPA 8270E	
Benzo(b)fluoranthene	ND	---	0.182	mg/kg dry	40	09/03/20 18:53	EPA 8270E	
Benzo(k)fluoranthene	ND	---	0.182	mg/kg dry	40	09/03/20 18:53	EPA 8270E	
Benzo(g,h,i)perylene	ND	---	0.121	mg/kg dry	40	09/03/20 18:53	EPA 8270E	
Chrysene	ND	---	0.121	mg/kg dry	40	09/03/20 18:53	EPA 8270E	
Dibenz(a,h)anthracene	ND	---	0.121	mg/kg dry	40	09/03/20 18:53	EPA 8270E	
Fluoranthene	ND	---	0.121	mg/kg dry	40	09/03/20 18:53	EPA 8270E	
Fluorene	**0.219**	---	0.121	mg/kg dry	40	09/03/20 18:53	EPA 8270E	

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503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SB12-DUP (A0H0608-03)				**Matrix: Soil**		**Batch: 0090057**		
Indeno(1,2,3-cd)pyrene	ND	---	0.121	mg/kg dry	40	09/03/20 18:53	EPA 8270E	
1-Methylnaphthalene	**0.946**	---	0.242	mg/kg dry	40	09/03/20 18:53	EPA 8270E	
2-Methylnaphthalene	**0.260**	---	0.242	mg/kg dry	40	09/03/20 18:53	EPA 8270E	
Naphthalene	ND	---	0.242	mg/kg dry	40	09/03/20 18:53	EPA 8270E	
Phenanthrene	**1.00**	---	0.121	mg/kg dry	40	09/03/20 18:53	EPA 8270E	
Pyrene	ND	---	0.121	mg/kg dry	40	09/03/20 18:53	EPA 8270E	
Carbazole	ND	---	0.182	mg/kg dry	40	09/03/20 18:53	EPA 8270E	
Dibenzofuran	ND	---	0.182	mg/kg dry	40	09/03/20 18:53	EPA 8270E	R-02
Surrogate: Nitrobenzene-d5 (Surr)		*Recovery:*	*97 %*	*Limits: 37-122 %*	*40*	*09/03/20 18:53*	*EPA 8270E*	*S-05*
2-Fluorobiphenyl (Surr)			*77 %*	*44-120 %*	*40*	*09/03/20 18:53*	*EPA 8270E*	*S-05*
Phenol-d6 (Surr)			*72 %*	*33-122 %*	*40*	*09/03/20 18:53*	*EPA 8270E*	*S-05*
p-Terphenyl-d14 (Surr)			*60 %*	*54-127 %*	*40*	*09/03/20 18:53*	*EPA 8270E*	*S-05*
2-Fluorophenol (Surr)			*51 %*	*35-120 %*	*40*	*09/03/20 18:53*	*EPA 8270E*	*S-05*
2,4,6-Tribromophenol (Surr)			*70 %*	*39-132 %*	*40*	*09/03/20 18:53*	*EPA 8270E*	*S-05*
SB13 (A0H0608-04RE1)				**Matrix: Soil**		**Batch: 0090057**		
Acenaphthene	ND	---	0.604	mg/kg dry	40	09/02/20 20:52	EPA 8270E	R-02
Acenaphthylene	ND	---	0.302	mg/kg dry	40	09/02/20 20:52	EPA 8270E	R-02
Anthracene	ND	---	0.124	mg/kg dry	40	09/02/20 20:52	EPA 8270E	
Benz(a)anthracene	ND	---	0.124	mg/kg dry	40	09/02/20 20:52	EPA 8270E	
Benzo(a)pyrene	ND	---	0.186	mg/kg dry	40	09/02/20 20:52	EPA 8270E	
Benzo(b)fluoranthene	ND	---	0.186	mg/kg dry	40	09/02/20 20:52	EPA 8270E	
Benzo(k)fluoranthene	ND	---	0.186	mg/kg dry	40	09/02/20 20:52	EPA 8270E	
Benzo(g,h,i)perylene	ND	---	0.124	mg/kg dry	40	09/02/20 20:52	EPA 8270E	
Chrysene	ND	---	0.124	mg/kg dry	40	09/02/20 20:52	EPA 8270E	
Dibenz(a,h)anthracene	ND	---	0.124	mg/kg dry	40	09/02/20 20:52	EPA 8270E	
Fluoranthene	ND	---	0.124	mg/kg dry	40	09/02/20 20:52	EPA 8270E	
Fluorene	**1.69**	---	0.124	mg/kg dry	40	09/02/20 20:52	EPA 8270E	
Indeno(1,2,3-cd)pyrene	ND	---	0.124	mg/kg dry	40	09/02/20 20:52	EPA 8270E	
1-Methylnaphthalene	**8.23**	---	0.248	mg/kg dry	40	09/02/20 20:52	EPA 8270E	
2-Methylnaphthalene	**5.69**	---	0.248	mg/kg dry	40	09/02/20 20:52	EPA 8270E	
Naphthalene	ND	---	0.651	mg/kg dry	40	09/02/20 20:52	EPA 8270E	R-02
Phenanthrene	**2.13**	---	0.124	mg/kg dry	40	09/02/20 20:52	EPA 8270E	
Pyrene	ND	---	0.124	mg/kg dry	40	09/02/20 20:52	EPA 8270E	

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ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SB13 (A0H0608-04RE1)				**Matrix: Soil**		**Batch: 0090057**		
Carbazole	ND	---	0.186	mg/kg dry	40	09/02/20 20:52	EPA 8270E	
Dibenzofuran	ND	---	0.418	mg/kg dry	40	09/02/20 20:52	EPA 8270E	R-02
Surrogate: Nitrobenzene-d5 (Surr)		*Recovery:*	*64 %*	*Limits: 37-122 %*	*40*	*09/02/20 20:52*	*EPA 8270E*	*S-05*
2-Fluorobiphenyl (Surr)			*81 %*	*44-120 %*	*40*	*09/02/20 20:52*	*EPA 8270E*	*S-05*
Phenol-d6 (Surr)			*7 %*	*33-122 %*	*40*	*09/02/20 20:52*	*EPA 8270E*	*S-05*
p-Terphenyl-d14 (Surr)			*79 %*	*54-127 %*	*40*	*09/02/20 20:52*	*EPA 8270E*	*S-05*
2-Fluorophenol (Surr)			*61 %*	*35-120 %*	*40*	*09/02/20 20:52*	*EPA 8270E*	*S-05*
2,4,6-Tribromophenol (Surr)			*121 %*	*39-132 %*	*40*	*09/02/20 20:52*	*EPA 8270E*	*S-05*
GW-SB11 (A0H0608-05RE2)				**Matrix: Water**		**Batch: 0080740**		
Acenaphthene	ND	---	0.0202	ug/L	1	08/28/20 00:41	EPA 8270E	
Acenaphthylene	ND	---	0.0202	ug/L	1	08/28/20 00:41	EPA 8270E	
Anthracene	ND	---	0.0202	ug/L	1	08/28/20 00:41	EPA 8270E	
Benz(a)anthracene	ND	---	0.0202	ug/L	1	08/28/20 00:41	EPA 8270E	
Benzo(a)pyrene	ND	---	0.0303	ug/L	1	08/28/20 00:41	EPA 8270E	
Benzo(b)fluoranthene	ND	---	0.0303	ug/L	1	08/28/20 00:41	EPA 8270E	
Benzo(k)fluoranthene	ND	---	0.0303	ug/L	1	08/28/20 00:41	EPA 8270E	
Benzo(g,h,i)perylene	ND	---	0.0202	ug/L	1	08/28/20 00:41	EPA 8270E	
Chrysene	ND	---	0.0202	ug/L	1	08/28/20 00:41	EPA 8270E	
Dibenz(a,h)anthracene	ND	---	0.0202	ug/L	1	08/28/20 00:41	EPA 8270E	
Fluoranthene	ND	---	0.0202	ug/L	1	08/28/20 00:41	EPA 8270E	
Fluorene	ND	---	0.0202	ug/L	1	08/28/20 00:41	EPA 8270E	
Indeno(1,2,3-cd)pyrene	ND	---	0.0202	ug/L	1	08/28/20 00:41	EPA 8270E	
1-Methylnaphthalene	**0.157**	---	0.0404	ug/L	1	08/28/20 00:41	EPA 8270E	
2-Methylnaphthalene	**0.0754**	---	0.0404	ug/L	1	08/28/20 00:41	EPA 8270E	
Naphthalene	**0.126**	---	0.0404	ug/L	1	08/28/20 00:41	EPA 8270E	
Phenanthrene	ND	---	0.0202	ug/L	1	08/28/20 00:41	EPA 8270E	
Pyrene	ND	---	0.0202	ug/L	1	08/28/20 00:41	EPA 8270E	
Dibenzofuran	ND	---	0.0202	ug/L	1	08/28/20 00:41	EPA 8270E	
Surrogate: Nitrobenzene-d5 (Surr)		*Recovery:*	*70 %*	*Limits: 44-120 %*	*1*	*08/28/20 00:41*	*EPA 8270E*	
2-Fluorobiphenyl (Surr)			*65 %*	*44-120 %*	*1*	*08/28/20 00:41*	*EPA 8270E*	
Phenol-d6 (Surr)			*25 %*	*10-133 %*	*1*	*08/28/20 00:41*	*EPA 8270E*	
p-Terphenyl-d14 (Surr)			*62 %*	*50-134 %*	*1*	*08/28/20 00:41*	*EPA 8270E*	
2-Fluorophenol (Surr)			*40 %*	*19-120 %*	*1*	*08/28/20 00:41*	*EPA 8270E*	

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ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GW-SB11 (A0H0608-05RE2)				**Matrix: Water**		**Batch: 0080740**		
Surrogate: 2,4,6-Tribromophenol (Surr)		*Recovery: 103 %*		*Limits: 43-140 %*	*1*	*08/28/20 00:41*	*EPA 8270E*	
GW-SB12 (A0H0608-06)				**Matrix: Water**		**Batch: 0080740**		
Acenaphthene	ND	---	3.30	ug/L	40	08/26/20 13:32	EPA 8270E	R-02
Acenaphthylene	ND	---	0.825	ug/L	40	08/26/20 13:32	EPA 8270E	
Anthracene	ND	---	0.825	ug/L	40	08/26/20 13:32	EPA 8270E	
Benz(a)anthracene	ND	---	0.825	ug/L	40	08/26/20 13:32	EPA 8270E	
Benzo(a)pyrene	ND	---	1.24	ug/L	40	08/26/20 13:32	EPA 8270E	
Benzo(b)fluoranthene	ND	---	1.24	ug/L	40	08/26/20 13:32	EPA 8270E	
Benzo(k)fluoranthene	ND	---	1.24	ug/L	40	08/26/20 13:32	EPA 8270E	
Benzo(g,h,i)perylene	ND	---	0.825	ug/L	40	08/26/20 13:32	EPA 8270E	
Chrysene	ND	---	0.825	ug/L	40	08/26/20 13:32	EPA 8270E	
Dibenz(a,h)anthracene	ND	---	0.825	ug/L	40	08/26/20 13:32	EPA 8270E	
Fluoranthene	ND	---	0.825	ug/L	40	08/26/20 13:32	EPA 8270E	
Fluorene	**4.14**	---	0.825	ug/L	40	08/26/20 13:32	EPA 8270E	
Indeno(1,2,3-cd)pyrene	ND	---	0.825	ug/L	40	08/26/20 13:32	EPA 8270E	
1-Methylnaphthalene	**46.8**	---	1.65	ug/L	40	08/26/20 13:32	EPA 8270E	
2-Methylnaphthalene	**41.7**	---	1.65	ug/L	40	08/26/20 13:32	EPA 8270E	
Naphthalene	**19.3**	---	1.65	ug/L	40	08/26/20 13:32	EPA 8270E	
Phenanthrene	**4.39**	---	0.825	ug/L	40	08/26/20 13:32	EPA 8270E	
Pyrene	ND	---	0.825	ug/L	40	08/26/20 13:32	EPA 8270E	
Dibenzofuran	**1.69**	---	0.825	ug/L	40	08/26/20 13:32	EPA 8270E	
Surrogate: Nitrobenzene-d5 (Surr)		*Recovery: 63 %*		*Limits: 44-120 %*	*40*	*08/26/20 13:32*	*EPA 8270E*	*S-05*
2-Fluorobiphenyl (Surr)		*74 %*		*44-120 %*	*40*	*08/26/20 13:32*	*EPA 8270E*	*S-05*
Phenol-d6 (Surr)		*15 %*		*10-133 %*	*40*	*08/26/20 13:32*	*EPA 8270E*	*S-05*
p-Terphenyl-d14 (Surr)		*55 %*		*50-134 %*	*40*	*08/26/20 13:32*	*EPA 8270E*	*S-05*
2-Fluorophenol (Surr)		*33 %*		*19-120 %*	*40*	*08/26/20 13:32*	*EPA 8270E*	*S-05*
2,4,6-Tribromophenol (Surr)		*109 %*		*43-140 %*	*40*	*08/26/20 13:32*	*EPA 8270E*	*S-05*
GW-SB12-DUP (A0H0608-07)				**Matrix: Water**		**Batch: 0080740**		
Acenaphthene	ND	---	2.00	ug/L	40	08/26/20 14:09	EPA 8270E	R-02
Acenaphthylene	ND	---	0.800	ug/L	40	08/26/20 14:09	EPA 8270E	
Anthracene	ND	---	0.800	ug/L	40	08/26/20 14:09	EPA 8270E	
Benz(a)anthracene	ND	---	0.800	ug/L	40	08/26/20 14:09	EPA 8270E	

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ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GW-SB12-DUP (A0H0608-07)				**Matrix: Water**		**Batch: 0080740**		
Benzo(a)pyrene	ND	---	1.20	ug/L	40	08/26/20 14:09	EPA 8270E	
Benzo(b)fluoranthene	ND	---	1.20	ug/L	40	08/26/20 14:09	EPA 8270E	
Benzo(k)fluoranthene	ND	---	1.20	ug/L	40	08/26/20 14:09	EPA 8270E	
Benzo(g,h,i)perylene	ND	---	0.800	ug/L	40	08/26/20 14:09	EPA 8270E	
Chrysene	ND	---	0.800	ug/L	40	08/26/20 14:09	EPA 8270E	
Dibenz(a,h)anthracene	ND	---	0.800	ug/L	40	08/26/20 14:09	EPA 8270E	
Fluoranthene	ND	---	0.800	ug/L	40	08/26/20 14:09	EPA 8270E	
Fluorene	**3.63**	---	0.800	ug/L	40	08/26/20 14:09	EPA 8270E	
Indeno(1,2,3-cd)pyrene	ND	---	0.800	ug/L	40	08/26/20 14:09	EPA 8270E	
1-Methylnaphthalene	**44.1**	---	1.60	ug/L	40	08/26/20 14:09	EPA 8270E	
2-Methylnaphthalene	**38.1**	---	1.60	ug/L	40	08/26/20 14:09	EPA 8270E	
Naphthalene	**17.7**	---	1.60	ug/L	40	08/26/20 14:09	EPA 8270E	
Phenanthrene	**3.31**	---	0.800	ug/L	40	08/26/20 14:09	EPA 8270E	
Pyrene	ND	---	0.800	ug/L	40	08/26/20 14:09	EPA 8270E	
Dibenzofuran	**1.43**	---	0.800	ug/L	40	08/26/20 14:09	EPA 8270E	
Surrogate: Nitrobenzene-d5 (Surr)		*Recovery:*	*51 %*	*Limits:* *44-120 %*	*40*	*08/26/20 14:09*	*EPA 8270E*	*S-05*
2-Fluorobiphenyl (Surr)			*71 %*	*44-120 %*	*40*	*08/26/20 14:09*	*EPA 8270E*	*S-05*
Phenol-d6 (Surr)			*2 %*	*10-133 %*	*40*	*08/26/20 14:09*	*EPA 8270E*	*S-05*
p-Terphenyl-d14 (Surr)			*64 %*	*50-134 %*	*40*	*08/26/20 14:09*	*EPA 8270E*	*S-05*
2-Fluorophenol (Surr)			*29 %*	*19-120 %*	*40*	*08/26/20 14:09*	*EPA 8270E*	*S-05*
2,4,6-Tribromophenol (Surr)			*104 %*	*43-140 %*	*40*	*08/26/20 14:09*	*EPA 8270E*	*S-05*
GW-SB13 (A0H0608-08)				**Matrix: Water**		**Batch: 0080740**		
Acenaphthene	ND	---	28.0	ug/L	40	08/26/20 12:55	EPA 8270E	R-02
Acenaphthylene	ND	---	10.0	ug/L	40	08/26/20 12:55	EPA 8270E	R-02
Anthracene	ND	---	4.00	ug/L	40	08/26/20 12:55	EPA 8270E	R-02
Benz(a)anthracene	ND	---	0.800	ug/L	40	08/26/20 12:55	EPA 8270E	
Benzo(a)pyrene	ND	---	1.20	ug/L	40	08/26/20 12:55	EPA 8270E	
Benzo(b)fluoranthene	ND	---	1.20	ug/L	40	08/26/20 12:55	EPA 8270E	
Benzo(k)fluoranthene	ND	---	1.20	ug/L	40	08/26/20 12:55	EPA 8270E	
Benzo(g,h,i)perylene	ND	---	0.800	ug/L	40	08/26/20 12:55	EPA 8270E	
Chrysene	ND	---	0.800	ug/L	40	08/26/20 12:55	EPA 8270E	
Dibenz(a,h)anthracene	ND	---	0.800	ug/L	40	08/26/20 12:55	EPA 8270E	
Fluoranthene	**1.48**	---	0.800	ug/L	40	08/26/20 12:55	EPA 8270E	

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Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GW-SB13 (A0H0608-08)				**Matrix: Water**		**Batch: 0080740**		
Fluorene	**54.5**	---	0.800	ug/L	40	08/26/20 12:55	EPA 8270E	
Indeno(1,2,3-cd)pyrene	ND	---	0.800	ug/L	40	08/26/20 12:55	EPA 8270E	
Naphthalene	**207**	---	1.60	ug/L	40	08/26/20 12:55	EPA 8270E	
Phenanthrene	**61.7**	---	0.800	ug/L	40	08/26/20 12:55	EPA 8270E	
Pyrene	**1.81**	---	0.800	ug/L	40	08/26/20 12:55	EPA 8270E	
Dibenzofuran	**15.1**	---	0.800	ug/L	40	08/26/20 12:55	EPA 8270E	
Surrogate: Nitrobenzene-d5 (Surr)		*Recovery:*	*175 %*	*Limits:* *44-120 %*	*40*	*08/26/20 12:55*	*EPA 8270E*	*S-05*
2-Fluorobiphenyl (Surr)			*111 %*	*44-120 %*	*40*	*08/26/20 12:55*	*EPA 8270E*	*S-05*
Phenol-d6 (Surr)			*10 %*	*10-133 %*	*40*	*08/26/20 12:55*	*EPA 8270E*	*S-05*
p-Terphenyl-d14 (Surr)			*61 %*	*50-134 %*	*40*	*08/26/20 12:55*	*EPA 8270E*	*S-05*
2-Fluorophenol (Surr)			*32 %*	*19-120 %*	*40*	*08/26/20 12:55*	*EPA 8270E*	*S-05*
2,4,6-Tribromophenol (Surr)			*133 %*	*43-140 %*	*40*	*08/26/20 12:55*	*EPA 8270E*	*S-05*
GW-SB13 (A0H0608-08RE1)				**Matrix: Water**		**Batch: 0080740**		
1-Methylnaphthalene	**449**	---	20.0	ug/L	500	08/26/20 18:28	EPA 8270E	
2-Methylnaphthalene	**487**	---	20.0	ug/L	500	08/26/20 18:28	EPA 8270E	
RB (A0H0608-09)				**Matrix: Water**		**Batch: 0080740**		
Acenaphthene	ND	---	0.0196	ug/L	1	08/26/20 17:14	EPA 8270E	
Acenaphthylene	ND	---	0.0196	ug/L	1	08/26/20 17:14	EPA 8270E	
Anthracene	ND	---	0.0196	ug/L	1	08/26/20 17:14	EPA 8270E	
Benz(a)anthracene	ND	---	0.0196	ug/L	1	08/26/20 17:14	EPA 8270E	
Benzo(a)pyrene	ND	---	0.0294	ug/L	1	08/26/20 17:14	EPA 8270E	
Benzo(b)fluoranthene	ND	---	0.0294	ug/L	1	08/26/20 17:14	EPA 8270E	
Benzo(k)fluoranthene	ND	---	0.0294	ug/L	1	08/26/20 17:14	EPA 8270E	
Benzo(g,h,i)perylene	ND	---	0.0196	ug/L	1	08/26/20 17:14	EPA 8270E	
Chrysene	ND	---	0.0196	ug/L	1	08/26/20 17:14	EPA 8270E	
Dibenz(a,h)anthracene	ND	---	0.0196	ug/L	1	08/26/20 17:14	EPA 8270E	
Fluoranthene	ND	---	0.0196	ug/L	1	08/26/20 17:14	EPA 8270E	
Fluorene	ND	---	0.0196	ug/L	1	08/26/20 17:14	EPA 8270E	
Indeno(1,2,3-cd)pyrene	ND	---	0.0196	ug/L	1	08/26/20 17:14	EPA 8270E	
1-Methylnaphthalene	ND	---	0.0392	ug/L	1	08/26/20 17:14	EPA 8270E	
2-Methylnaphthalene	ND	---	0.0392	ug/L	1	08/26/20 17:14	EPA 8270E	
Naphthalene	ND	---	0.0392	ug/L	1	08/26/20 17:14	EPA 8270E	

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Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
RB (A0H0608-09)				**Matrix: Water**		**Batch: 0080740**		
Phenanthrene	ND	---	0.0196	ug/L	1	08/26/20 17:14	EPA 8270E	
Pyrene	ND	---	0.0196	ug/L	1	08/26/20 17:14	EPA 8270E	
Dibenzofuran	ND	---	0.0196	ug/L	1	08/26/20 17:14	EPA 8270E	
Surrogate: Nitrobenzene-d5 (Surr)		*Recovery:*	*47 %*	*Limits: 44-120 %*	*1*	*08/26/20 17:14*	*EPA 8270E*	
2-Fluorobiphenyl (Surr)			*39 %*	*44-120 %*	*1*	*08/26/20 17:14*	*EPA 8270E*	*S-06*
Phenol-d6 (Surr)			*13 %*	*10-133 %*	*1*	*08/26/20 17:14*	*EPA 8270E*	
p-Terphenyl-d14 (Surr)			*72 %*	*50-134 %*	*1*	*08/26/20 17:14*	*EPA 8270E*	
2-Fluorophenol (Surr)			*22 %*	*19-120 %*	*1*	*08/26/20 17:14*	*EPA 8270E*	
2,4,6-Tribromophenol (Surr)			*59 %*	*43-140 %*	*1*	*08/26/20 17:14*	*EPA 8270E*	

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White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SB11 (A0H0608-01)				**Matrix: Soil**				
Batch: 0090151								
Lead	**2.41**	---	0.243	mg/kg dry	10	09/04/20 16:34	EPA 6020A	
SB12 (A0H0608-02)				**Matrix: Soil**				
Batch: 0090151								
Lead	**2.63**	---	0.234	mg/kg dry	10	09/04/20 16:38	EPA 6020A	
SB12-DUP (A0H0608-03)				**Matrix: Soil**				
Batch: 0090151								
Lead	**2.80**	---	0.244	mg/kg dry	10	09/04/20 16:51	EPA 6020A	
SB13 (A0H0608-04)				**Matrix: Soil**				
Batch: 0090151								
Lead	**2.01**	---	0.253	mg/kg dry	10	09/04/20 16:55	EPA 6020A	
GW-SB11 (A0H0608-05)				**Matrix: Water**				
Batch: 0090128								
Lead	**26.2**	---	1.80	ug/L	1	09/03/20 16:45	EPA 6020A	
GW-SB12 (A0H0608-06)				**Matrix: Water**				
Batch: 0090128								
Lead	**46.0**	---	1.80	ug/L	1	09/03/20 16:49	EPA 6020A	
GW-SB12-DUP (A0H0608-07)				**Matrix: Water**				
Batch: 0090128								
Lead	**35.6**	---	1.80	ug/L	1	09/03/20 16:53	EPA 6020A	
GW-SB13 (A0H0608-08)				**Matrix: Water**				
Batch: 0090128								
Lead	**18.7**	---	1.80	ug/L	1	09/03/20 16:57	EPA 6020A	
RB (A0H0608-09)				**Matrix: Water**				
Batch: 0090128								
Lead	ND	---	0.200	ug/L	1	09/03/20 17:00	EPA 6020A	

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12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Dissolved Metals by EPA 6020A (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GW-SB11 (A0H0608-05)				**Matrix: Water**				
Batch: 0080712								
Lead	ND	---	0.200	ug/L	1	08/26/20 16:02	EPA 6020A (Diss)	
GW-SB12 (A0H0608-06)				**Matrix: Water**				
Batch: 0080712								
Lead	ND	---	0.200	ug/L	1	08/26/20 16:11	EPA 6020A (Diss)	
GW-SB12-DUP (A0H0608-07)				**Matrix: Water**				
Batch: 0080712								
Lead	ND	---	0.200	ug/L	1	08/26/20 16:16	EPA 6020A (Diss)	
GW-SB13 (A0H0608-08)				**Matrix: Water**				
Batch: 0080718								
Lead	ND	---	0.200	ug/L	1	08/26/20 16:54	EPA 6020A (Diss)	
RB (A0H0608-09)				**Matrix: Water**				
Batch: 0080712								
Lead	ND	---	0.200	ug/L	1	08/26/20 16:20	EPA 6020A (Diss)	

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White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
SB11 (A0H0608-01)				**Matrix: Soil**		**Batch: 0080756**		
% Solids	**87.0**	---	1.00	%	1	08/27/20 08:20	EPA 8000D	
SB12 (A0H0608-02)				**Matrix: Soil**		**Batch: 0080756**		
% Solids	**86.0**	---	1.00	%	1	08/27/20 08:20	EPA 8000D	
SB12-DUP (A0H0608-03)				**Matrix: Soil**		**Batch: 0080756**		
% Solids	**85.8**	---	1.00	%	1	08/27/20 08:20	EPA 8000D	
SB13 (A0H0608-04)				**Matrix: Soil**		**Batch: 0080756**		
% Solids	**81.6**	---	1.00	%	1	08/27/20 08:20	EPA 8000D	

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QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080829 - EPA 3510C (Fuels/Acid Ext.)							**Water**					
Blank (0080829-BLK1)			Prepared: 08/27/20 12:43		Analyzed: 08/27/20 22:21							
NWTPH-Dx LL												
Diesel	ND	---	72.7	ug/L	1	---	---	---	---	---	---	
Oil	ND	---	145	ug/L	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 92 %*	*Limits: 50-150 %*		*Dilution: 1x*							
LCS (0080829-BS1)			Prepared: 08/27/20 12:43		Analyzed: 08/27/20 22:44							
NWTPH-Dx LL												
Diesel	389	---	80.0	ug/L	1	500	---	78	59-115%	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 101 %*	*Limits: 50-150 %*		*Dilution: 1x*							
LCS Dup (0080829-BSD1)			Prepared: 08/27/20 12:43		Analyzed: 08/27/20 23:07							**Q-19**
NWTPH-Dx LL												
Diesel	432	---	80.0	ug/L	1	500	---	86	59-115%	11	30%	
Surr: o-Terphenyl (Surr)		*Recovery: 101 %*	*Limits: 50-150 %*		*Dilution: 1x*							
Batch 0080855 - EPA 3546 (Fuels)							**Soil**					
Blank (0080855-BLK1)			Prepared: 08/28/20 09:08		Analyzed: 08/28/20 22:27							
NWTPH-Dx												
Diesel	ND	---	25.0	mg/kg wet	1	---	---	---	---	---	---	
Oil	ND	---	50.0	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 100 %*	*Limits: 50-150 %*		*Dilution: 1x*							
LCS (0080855-BS1)			Prepared: 08/28/20 09:08		Analyzed: 08/28/20 22:50							
NWTPH-Dx												
Diesel	122	---	25.0	mg/kg wet	1	125	---	98	73-115%	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 102 %*	*Limits: 50-150 %*		*Dilution: 1x*							
Duplicate (0080855-DUP1)			Prepared: 08/28/20 09:08		Analyzed: 08/28/20 23:37							
QC Source Sample: Non-SDG (A0H0606-03)												
Diesel	**114**	---	25.0	mg/kg dry	1	---	124	---	---	8	30%	F-11
Oil	ND	---	50.0	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)		*Recovery: 92 %*	*Limits: 50-150 %*		*Dilution: 1x*							

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503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080855 - EPA 3546 (Fuels)							**Soil**					
Duplicate (0080855-DUP2)			Prepared: 08/28/20 09:08		Analyzed: 08/29/20 08:49							
QC Source Sample: Non-SDG (A0H0610-02)												
Diesel	**137**	---	25.0	mg/kg dry	1	---	144	---	---	5	30%	
Oil	ND	---	50.0	mg/kg dry	1	---	53.1	---	---	***	30%	F-03
Surr: o-Terphenyl (Surr)		*Recovery: 90 %*		*Limits: 50-150 %*			*Dilution: 1x*					

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QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080867 - EPA 3510C (Fuels/Acid Ext.)							**Water**					
Blank (0080867-BLK1)			Prepared: 08/28/20 11:04		Analyzed: 08/28/20 22:32							
NWTPH-Dx LL												
Diesel	ND	---	72.7	ug/L	1	---	---	---	---	---	---	
Oil	ND	---	145	ug/L	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 77 %*	*Limits: 50-150 %*		*Dilution: 1x*							
LCS (0080867-BS1)			Prepared: 08/28/20 11:04		Analyzed: 08/28/20 22:52							
NWTPH-Dx LL												
Diesel	391	---	80.0	ug/L	1	500	---	78	59-115%	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 85 %*	*Limits: 50-150 %*		*Dilution: 1x*							
LCS Dup (0080867-BSD1)			Prepared: 08/28/20 11:04		Analyzed: 08/28/20 23:12							**Q-19**
NWTPH-Dx LL												
Diesel	405	---	80.0	ug/L	1	500	---	81	59-115%	3	30%	
Surr: o-Terphenyl (Surr)		*Recovery: 80 %*	*Limits: 50-150 %*		*Dilution: 1x*							

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QUALITY CONTROL (QC) SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080716 - EPA 5030B												**Water**
Blank (0080716-BLK1)			Prepared: 08/25/20 08:00		Analyzed: 08/25/20 09:54							
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	100	ug/L	1	---	---	---	---	---	---	AMEND
Surr: 4-Bromofluorobenzene (Sur)			*Recovery: 99 %*		*Limits: 50-150 %*			*Dilution: 1x*				
1,4-Difluorobenzene (Sur)			*106 %*		*50-150 %*			*"*				
LCS (0080716-BS2)			Prepared: 08/25/20 08:00		Analyzed: 08/25/20 09:27							
NWTPH-Gx (MS)												
Gasoline Range Organics	477	---	100	ug/L	1	500	---	95	80-120%	---	---	AMEND
Surr: 4-Bromofluorobenzene (Sur)			*Recovery: 96 %*		*Limits: 50-150 %*			*Dilution: 1x*				
1,4-Difluorobenzene (Sur)			*99 %*		*50-150 %*			*"*				
Duplicate (0080716-DUP1)			Prepared: 08/25/20 10:02		Analyzed: 08/25/20 11:16							
QC Source Sample: Non-SDG (A0H0598-02)												
Gasoline Range Organics	ND	---	100	ug/L	1	---	ND	---	---	---	30%	AMEND
Surr: 4-Bromofluorobenzene (Sur)			*Recovery: 100 %*		*Limits: 50-150 %*			*Dilution: 1x*				
1,4-Difluorobenzene (Sur)			*108 %*		*50-150 %*			*"*				

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White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080754 - EPA 5030B												**Water**
Blank (0080754-BLK1)			Prepared: 08/26/20 08:00		Analyzed: 08/26/20 10:03							
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	100	ug/L	1	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery:*	*93 %*	*Limits:*	*50-150 %*		*Dilution:*	*1x*				
1,4-Difluorobenzene (Sur)			*99 %*		*50-150 %*			*"*				
LCS (0080754-BS2)			Prepared: 08/26/20 08:00		Analyzed: 08/26/20 09:36							
NWTPH-Gx (MS)												
Gasoline Range Organics	553	---	100	ug/L	1	500	---	111	80-120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery:*	*98 %*	*Limits:*	*50-150 %*		*Dilution:*	*1x*				
1,4-Difluorobenzene (Sur)			*98 %*		*50-150 %*			*"*				
Duplicate (0080754-DUP1)			Prepared: 08/26/20 08:00		Analyzed: 08/26/20 12:19							
QC Source Sample: Non-SDG (A0H0629-01)												
Gasoline Range Organics	ND	---	100	ug/L	1	---	ND	---	---	---	30%	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery:*	*96 %*	*Limits:*	*50-150 %*		*Dilution:*	*1x*				
1,4-Difluorobenzene (Sur)			*100 %*		*50-150 %*			*"*				

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White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080785 - EPA 5035A							**Soil**					
Blank (0080785-BLK1)			Prepared: 08/26/20 09:00		Analyzed: 08/26/20 16:14							
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	3.33	mg/kg wet	50	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 92 %*	*Limits: 50-150 %*		*Dilution: 1x*							
1,4-Difluorobenzene (Sur)		*89 %*	*50-150 %*		*"*							
LCS (0080785-BS2)			Prepared: 08/26/20 09:00		Analyzed: 08/26/20 15:47							
NWTPH-Gx (MS)												
Gasoline Range Organics	25.1	---	5.00	mg/kg wet	50	25.0	---	100	80-120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 94 %*	*Limits: 50-150 %*		*Dilution: 1x*							
1,4-Difluorobenzene (Sur)		*92 %*	*50-150 %*		*"*							
Duplicate (0080785-DUP1)			Prepared: 08/21/20 16:30		Analyzed: 08/26/20 18:29							
QC Source Sample: Non-SDG (A0H0606-07)												
Gasoline Range Organics	ND	---	5.25	mg/kg dry	50	---	ND	---	---	---	30%	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 95 %*	*Limits: 50-150 %*		*Dilution: 1x*							
1,4-Difluorobenzene (Sur)		*90 %*	*50-150 %*		*"*							

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QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080716 - EPA 5030B							**Water**					
Blank (0080716-BLK1)			Prepared: 08/25/20 08:00 Analyzed: 08/25/20 09:54									
EPA 8260D												
Acetone	ND	---	20.0	ug/L	1	---	---	---	---	---	---	
Acrylonitrile	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
Benzene	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
Bromobenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Bromochloromethane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Bromodichloromethane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Bromoform	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Bromomethane	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
2-Butanone (MEK)	ND	---	10.0	ug/L	1	---	---	---	---	---	---	
n-Butylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
sec-Butylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
tert-Butylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Carbon disulfide	ND	---	10.0	ug/L	1	---	---	---	---	---	---	
Carbon tetrachloride	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Chlorobenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Chloroethane	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
Chloroform	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Chloromethane	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
2-Chlorotoluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
4-Chlorotoluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Dibromochloromethane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,2-Dibromo-3-chloropropane	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Dibromomethane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,2-Dichlorobenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
1,3-Dichlorobenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
1,4-Dichlorobenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Dichlorodifluoromethane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,1-Dichloroethane	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
1,1-Dichloroethene	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	---	0.400	ug/L	1	---	---	---	---	---	---	

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White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080716 - EPA 5030B							**Water**					
Blank (0080716-BLK1)			Prepared: 08/25/20 08:00		Analyzed: 08/25/20 09:54							
1,2-Dichloropropane	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
1,3-Dichloropropane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
2,2-Dichloropropane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,1-Dichloropropene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
cis-1,3-Dichloropropene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
trans-1,3-Dichloropropene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Hexachlorobutadiene	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
2-Hexanone	ND	---	10.0	ug/L	1	---	---	---	---	---	---	
Isopropylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
4-Isopropyltoluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Methylene chloride	ND	---	10.0	ug/L	1	---	---	---	---	---	---	
4-Methyl-2-pentanone (MiBK)	ND	---	10.0	ug/L	1	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Naphthalene	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
n-Propylbenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Styrene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,1,1,2-Tetrachloroethane	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
1,1,2,2-Tetrachloroethane	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
Toluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,2,3-Trichlorobenzene	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
1,1,1-Trichloroethane	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
1,1,2-Trichloroethane	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
Trichlorofluoromethane	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
1,2,3-Trichloropropane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Vinyl chloride	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
m,p-Xylene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
o-Xylene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	

Surr: 1,4-Difluorobenzene (Surr) *Recovery: 107 %* *Limits: 80-120 %* *Dilution: 1x*

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White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080716 - EPA 5030B							**Water**					
Blank (0080716-BLK1)			Prepared: 08/25/20 08:00 Analyzed: 08/25/20 09:54									
Surr: Toluene-d8 (Surr)			*Recovery: 99 %*	*Limits: 80-120 %*			*Dilution: 1x*					
4-Bromofluorobenzene (Surr)			*98 %*	*80-120 %*			*"*					
LCS (0080716-BS1)			Prepared: 08/25/20 08:00 Analyzed: 08/25/20 08:59									
EPA 8260D												
Acetone	39.1	---	20.0	ug/L	1	40.0	---	98	80-120%	---	---	
Acrylonitrile	21.6	---	2.00	ug/L	1	20.0	---	108	80-120%	---	---	
Benzene	21.4	---	0.200	ug/L	1	20.0	---	107	80-120%	---	---	
Bromobenzene	19.5	---	0.500	ug/L	1	20.0	---	98	80-120%	---	---	
Bromochloromethane	21.9	---	1.00	ug/L	1	20.0	---	109	80-120%	---	---	
Bromodichloromethane	23.1	---	1.00	ug/L	1	20.0	---	115	80-120%	---	---	
Bromoform	20.6	---	1.00	ug/L	1	20.0	---	103	80-120%	---	---	
Bromomethane	10.5	---	5.00	ug/L	1	20.0	---	**52**	**80-120%**	---	---	Q-55
2-Butanone (MEK)	42.2	---	10.0	ug/L	1	40.0	---	106	80-120%	---	---	
n-Butylbenzene	21.6	---	1.00	ug/L	1	20.0	---	108	80-120%	---	---	
sec-Butylbenzene	22.2	---	1.00	ug/L	1	20.0	---	111	80-120%	---	---	
tert-Butylbenzene	20.6	---	1.00	ug/L	1	20.0	---	103	80-120%	---	---	
Carbon disulfide	23.4	---	10.0	ug/L	1	20.0	---	117	80-120%	---	---	
Carbon tetrachloride	25.6	---	1.00	ug/L	1	20.0	---	**128**	**80-120%**	---	---	Q-56
Chlorobenzene	20.6	---	0.500	ug/L	1	20.0	---	103	80-120%	---	---	
Chloroethane	17.0	---	5.00	ug/L	1	20.0	---	85	80-120%	---	---	
Chloroform	22.5	---	1.00	ug/L	1	20.0	---	112	80-120%	---	---	
Chloromethane	30.7	---	5.00	ug/L	1	20.0	---	**154**	**80-120%**	---	---	Q-56
2-Chlorotoluene	20.1	---	1.00	ug/L	1	20.0	---	101	80-120%	---	---	
4-Chlorotoluene	20.9	---	1.00	ug/L	1	20.0	---	105	80-120%	---	---	
Dibromochloromethane	21.9	---	1.00	ug/L	1	20.0	---	109	80-120%	---	---	
1,2-Dibromo-3-chloropropane	19.5	---	5.00	ug/L	1	20.0	---	98	80-120%	---	---	
1,2-Dibromoethane (EDB)	20.4	---	0.500	ug/L	1	20.0	---	102	80-120%	---	---	
Dibromomethane	20.0	---	1.00	ug/L	1	20.0	---	100	80-120%	---	---	
1,2-Dichlorobenzene	20.4	---	0.500	ug/L	1	20.0	---	102	80-120%	---	---	
1,3-Dichlorobenzene	20.6	---	0.500	ug/L	1	20.0	---	103	80-120%	---	---	
1,4-Dichlorobenzene	20.0	---	0.500	ug/L	1	20.0	---	100	80-120%	---	---	
Dichlorodifluoromethane	16.5	---	1.00	ug/L	1	20.0	---	82	80-120%	---	---	
1,1-Dichloroethane	21.9	---	0.400	ug/L	1	20.0	---	110	80-120%	---	---	

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Darwin Thomas, Business Development Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080716 - EPA 5030B							**Water**					
LCS (0080716-BS1)			Prepared: 08/25/20 08:00		Analyzed: 08/25/20 08:59							
1,2-Dichloroethane (EDC)	22.0	---	0.400	ug/L	1	20.0	---	110	80-120%	---	---	
1,1-Dichloroethene	21.4	---	0.400	ug/L	1	20.0	---	107	80-120%	---	---	
cis-1,2-Dichloroethene	20.4	---	0.400	ug/L	1	20.0	---	102	80-120%	---	---	
trans-1,2-Dichloroethene	20.3	---	0.400	ug/L	1	20.0	---	101	80-120%	---	---	
1,2-Dichloropropane	21.3	---	0.500	ug/L	1	20.0	---	107	80-120%	---	---	
1,3-Dichloropropane	20.5	---	1.00	ug/L	1	20.0	---	102	80-120%	---	---	
2,2-Dichloropropane	28.0	---	1.00	ug/L	1	20.0	---	**140**	**80-120%**	---	---	Q-56
1,1-Dichloropropene	21.1	---	1.00	ug/L	1	20.0	---	105	80-120%	---	---	
cis-1,3-Dichloropropene	22.3	---	1.00	ug/L	1	20.0	---	112	80-120%	---	---	
trans-1,3-Dichloropropene	21.3	---	1.00	ug/L	1	20.0	---	106	80-120%	---	---	
Ethylbenzene	20.9	---	0.500	ug/L	1	20.0	---	105	80-120%	---	---	
Hexachlorobutadiene	21.7	---	5.00	ug/L	1	20.0	---	108	80-120%	---	---	
2-Hexanone	34.9	---	10.0	ug/L	1	40.0	---	87	80-120%	---	---	
Isopropylbenzene	19.6	---	1.00	ug/L	1	20.0	---	98	80-120%	---	---	
4-Isopropyltoluene	20.0	---	1.00	ug/L	1	20.0	---	100	80-120%	---	---	
Methylene chloride	23.0	---	10.0	ug/L	1	20.0	---	115	80-120%	---	---	
4-Methyl-2-pentanone (MiBK)	37.2	---	10.0	ug/L	1	40.0	---	93	80-120%	---	---	
Methyl tert-butyl ether (MTBE)	20.8	---	1.00	ug/L	1	20.0	---	104	80-120%	---	---	
Naphthalene	18.2	---	2.00	ug/L	1	20.0	---	91	80-120%	---	---	
n-Propylbenzene	20.6	---	0.500	ug/L	1	20.0	---	103	80-120%	---	---	
Styrene	19.8	---	1.00	ug/L	1	20.0	---	99	80-120%	---	---	
1,1,1,2-Tetrachloroethane	22.9	---	0.400	ug/L	1	20.0	---	115	80-120%	---	---	
1,1,2,2-Tetrachloroethane	21.8	---	0.500	ug/L	1	20.0	---	109	80-120%	---	---	
Tetrachloroethene (PCE)	19.9	---	0.400	ug/L	1	20.0	---	99	80-120%	---	---	
Toluene	19.9	---	1.00	ug/L	1	20.0	---	99	80-120%	---	---	
1,2,3-Trichlorobenzene	21.1	---	2.00	ug/L	1	20.0	---	106	80-120%	---	---	
1,2,4-Trichlorobenzene	19.7	---	2.00	ug/L	1	20.0	---	99	80-120%	---	---	
1,1,1-Trichloroethane	23.2	---	0.400	ug/L	1	20.0	---	116	80-120%	---	---	
1,1,2-Trichloroethane	21.0	---	0.500	ug/L	1	20.0	---	105	80-120%	---	---	
Trichloroethene (TCE)	20.1	---	0.400	ug/L	1	20.0	---	100	80-120%	---	---	
Trichlorofluoromethane	22.6	---	2.00	ug/L	1	20.0	---	113	80-120%	---	---	
1,2,3-Trichloropropane	21.3	---	1.00	ug/L	1	20.0	---	106	80-120%	---	---	
1,2,4-Trimethylbenzene	21.9	---	1.00	ug/L	1	20.0	---	110	80-120%	---	---	
1,3,5-Trimethylbenzene	20.3	---	1.00	ug/L	1	20.0	---	101	80-120%	---	---	

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Darwin Thomas, Business Development Director

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503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080716 - EPA 5030B							**Water**					
LCS (0080716-BS1)			Prepared: 08/25/20 08:00		Analyzed: 08/25/20 08:59							
Vinyl chloride	19.0	---	0.400	ug/L	1	20.0	---	95	80-120%	---	---	
m,p-Xylene	43.5	---	1.00	ug/L	1	40.0	---	109	80-120%	---	---	
o-Xylene	20.1	---	0.500	ug/L	1	20.0	---	100	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 100 %*		*Limits: 80-120 %*				*Dilution: 1x*			
Toluene-d8 (Surr)			*94 %*		*80-120 %*				*"*			
4-Bromofluorobenzene (Surr)			*93 %*		*80-120 %*				*"*			
Duplicate (0080716-DUP1)			Prepared: 08/25/20 10:02		Analyzed: 08/25/20 11:16							
QC Source Sample: Non-SDG (A0H0598-02)												
Acetone	ND	---	20.0	ug/L	1	---	ND	---	---	---	30%	
Acrylonitrile	ND	---	2.00	ug/L	1	---	ND	---	---	---	30%	
Benzene	ND	---	0.200	ug/L	1	---	ND	---	---	---	30%	
Bromobenzene	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	
Bromochloromethane	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
Bromodichloromethane	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
Bromoform	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
Bromomethane	ND	---	5.00	ug/L	1	---	ND	---	---	---	30%	
2-Butanone (MEK)	ND	---	10.0	ug/L	1	---	ND	---	---	---	30%	
n-Butylbenzene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
sec-Butylbenzene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
tert-Butylbenzene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
Carbon disulfide	ND	---	10.0	ug/L	1	---	ND	---	---	---	30%	
Carbon tetrachloride	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
Chlorobenzene	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	
Chloroethane	ND	---	5.00	ug/L	1	---	ND	---	---	---	30%	
Chloroform	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
Chloromethane	ND	---	5.00	ug/L	1	---	ND	---	---	---	30%	
2-Chlorotoluene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
4-Chlorotoluene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
Dibromochloromethane	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
1,2-Dibromo-3-chloropropane	ND	---	5.00	ug/L	1	---	ND	---	---	---	30%	
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	
Dibromomethane	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
1,2-Dichlorobenzene	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	

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Darwin Thomas, Business Development Director

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503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080716 - EPA 5030B							**Water**					
Duplicate (0080716-DUP1)			Prepared: 08/25/20 10:02		Analyzed: 08/25/20 11:16							
QC Source Sample: Non-SDG (A0H0598-02)												
1,3-Dichlorobenzene	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	
1,4-Dichlorobenzene	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	
Dichlorodifluoromethane	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
1,1-Dichloroethane	ND	---	0.400	ug/L	1	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	---	ND	---	---	---	30%	
1,1-Dichloroethene	ND	---	0.400	ug/L	1	---	ND	---	---	---	30%	
cis-1,2-Dichloroethene	ND	---	0.400	ug/L	1	---	ND	---	---	---	30%	
trans-1,2-Dichloroethene	ND	---	0.400	ug/L	1	---	ND	---	---	---	30%	
1,2-Dichloropropane	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	
1,3-Dichloropropane	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
2,2-Dichloropropane	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
1,1-Dichloropropene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
cis-1,3-Dichloropropene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
trans-1,3-Dichloropropene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
Ethylbenzene	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	
Hexachlorobutadiene	ND	---	5.00	ug/L	1	---	ND	---	---	---	30%	
2-Hexanone	ND	---	10.0	ug/L	1	---	ND	---	---	---	30%	
Isopropylbenzene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
4-Isopropyltoluene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
Methylene chloride	ND	---	10.0	ug/L	1	---	ND	---	---	---	30%	
4-Methyl-2-pentanone (MiBK)	ND	---	10.0	ug/L	1	---	ND	---	---	---	30%	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
Naphthalene	ND	---	2.00	ug/L	1	---	ND	---	---	---	30%	
n-Propylbenzene	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	
Styrene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
1,1,1,2-Tetrachloroethane	ND	---	0.400	ug/L	1	---	ND	---	---	---	30%	
1,1,2,2-Tetrachloroethane	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	
Tetrachloroethene (PCE)	ND	---	0.400	ug/L	1	---	ND	---	---	---	30%	
Toluene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
1,2,3-Trichlorobenzene	ND	---	2.00	ug/L	1	---	ND	---	---	---	30%	
1,2,4-Trichlorobenzene	ND	---	2.00	ug/L	1	---	ND	---	---	---	30%	
1,1,1-Trichloroethane	ND	---	0.400	ug/L	1	---	ND	---	---	---	30%	
1,1,2-Trichloroethane	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	

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Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080716 - EPA 5030B							**Water**					
Duplicate (0080716-DUP1)			Prepared: 08/25/20 10:02		Analyzed: 08/25/20 11:16							
QC Source Sample: Non-SDG (A0H0598-02)												
Trichloroethene (TCE)	ND	---	0.400	ug/L	1	---	ND	---	---	---	30%	
Trichlorofluoromethane	ND	---	2.00	ug/L	1	---	ND	---	---	---	30%	
1,2,3-Trichloropropane	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
1,2,4-Trimethylbenzene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
1,3,5-Trimethylbenzene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
Vinyl chloride	ND	---	0.400	ug/L	1	---	ND	---	---	---	30%	
m,p-Xylene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
o-Xylene	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery: 110 %*		*Limits: 80-120 %*			*Dilution: 1x*					
Toluene-d8 (Surr)		*101 %*		*80-120 %*			*"*					
4-Bromofluorobenzene (Surr)		*95 %*		*80-120 %*			*"*					
Matrix Spike (0080716-MS1)			Prepared: 08/25/20 10:02		Analyzed: 08/25/20 14:01							
QC Source Sample: Non-SDG (A0H0597-04)												
EPA 8260D												
Acetone	35.3	---	20.0	ug/L	1	40.0	ND	88	39-160%	---	---	
Acrylonitrile	20.9	---	2.00	ug/L	1	20.0	ND	104	63-135%	---	---	
Benzene	21.2	---	0.200	ug/L	1	20.0	0.150	105	79-120%	---	---	
Bromobenzene	18.5	---	0.500	ug/L	1	20.0	ND	92	80-120%	---	---	
Bromochloromethane	21.7	---	1.00	ug/L	1	20.0	ND	108	78-123%	---	---	
Bromodichloromethane	22.0	---	1.00	ug/L	1	20.0	ND	110	79-125%	---	---	
Bromoform	19.4	---	1.00	ug/L	1	20.0	ND	97	66-130%	---	---	
Bromomethane	11.1	---	5.00	ug/L	1	20.0	ND	55	53-141%	---	---	Q-54g
2-Butanone (MEK)	43.3	---	10.0	ug/L	1	40.0	ND	108	56-143%	---	---	
n-Butylbenzene	20.5	---	1.00	ug/L	1	20.0	ND	102	75-128%	---	---	
sec-Butylbenzene	21.2	---	1.00	ug/L	1	20.0	ND	106	77-126%	---	---	
tert-Butylbenzene	19.8	---	1.00	ug/L	1	20.0	ND	99	78-124%	---	---	
Carbon disulfide	22.5	---	10.0	ug/L	1	20.0	ND	112	64-133%	---	---	
Carbon tetrachloride	24.8	---	1.00	ug/L	1	20.0	ND	124	72-136%	---	---	Q-54c
Chlorobenzene	19.9	---	0.500	ug/L	1	20.0	ND	100	80-120%	---	---	
Chloroethane	19.2	---	5.00	ug/L	1	20.0	ND	96	60-138%	---	---	
Chloroform	21.5	---	1.00	ug/L	1	20.0	ND	107	79-124%	---	---	
Chloromethane	29.1	---	5.00	ug/L	1	20.0	ND	**146**	**50-139%**	---	---	Q-54b

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ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080716 - EPA 5030B							**Water**					
Matrix Spike (0080716-MS1)			Prepared: 08/25/20 10:02		Analyzed: 08/25/20 14:01							
QC Source Sample: Non-SDG (A0H0597-04)												
2-Chlorotoluene	19.3	---	1.00	ug/L	1	20.0	ND	97	79-122%	---	---	
4-Chlorotoluene	19.6	---	1.00	ug/L	1	20.0	ND	98	78-122%	---	---	
Dibromochloromethane	21.4	---	1.00	ug/L	1	20.0	ND	107	74-126%	---	---	
1,2-Dibromo-3-chloropropane	18.9	---	5.00	ug/L	1	20.0	ND	94	62-128%	---	---	
1,2-Dibromoethane (EDB)	20.3	---	0.500	ug/L	1	20.0	ND	101	77-121%	---	---	
Dibromomethane	18.9	---	1.00	ug/L	1	20.0	ND	94	79-123%	---	---	
1,2-Dichlorobenzene	19.0	---	0.500	ug/L	1	20.0	ND	95	80-120%	---	---	
1,3-Dichlorobenzene	19.2	---	0.500	ug/L	1	20.0	ND	96	80-120%	---	---	
1,4-Dichlorobenzene	18.6	---	0.500	ug/L	1	20.0	ND	93	79-120%	---	---	
Dichlorodifluoromethane	16.0	---	1.00	ug/L	1	20.0	ND	80	32-152%	---	---	
1,1-Dichloroethane	21.2	---	0.400	ug/L	1	20.0	ND	106	77-125%	---	---	
1,2-Dichloroethane (EDC)	20.7	---	0.400	ug/L	1	20.0	ND	104	73-128%	---	---	
1,1-Dichloroethene	21.3	---	0.400	ug/L	1	20.0	ND	106	71-131%	---	---	
cis-1,2-Dichloroethene	19.8	---	0.400	ug/L	1	20.0	ND	99	78-123%	---	---	
trans-1,2-Dichloroethene	20.2	---	0.400	ug/L	1	20.0	ND	101	75-124%	---	---	
1,2-Dichloropropane	21.0	---	0.500	ug/L	1	20.0	ND	105	78-122%	---	---	
1,3-Dichloropropane	20.4	---	1.00	ug/L	1	20.0	ND	102	80-120%	---	---	
2,2-Dichloropropane	25.0	---	1.00	ug/L	1	20.0	ND	125	60-139%	---	---	Q-54
1,1-Dichloropropene	21.3	---	1.00	ug/L	1	20.0	ND	106	79-125%	---	---	
cis-1,3-Dichloropropene	20.9	---	1.00	ug/L	1	20.0	ND	104	75-124%	---	---	
trans-1,3-Dichloropropene	20.7	---	1.00	ug/L	1	20.0	ND	104	73-127%	---	---	
Ethylbenzene	20.4	---	0.500	ug/L	1	20.0	ND	102	79-121%	---	---	
Hexachlorobutadiene	19.4	---	5.00	ug/L	1	20.0	ND	97	66-134%	---	---	
2-Hexanone	35.7	---	10.0	ug/L	1	40.0	ND	89	57-139%	---	---	
Isopropylbenzene	19.9	---	1.00	ug/L	1	20.0	ND	100	72-131%	---	---	
4-Isopropyltoluene	18.7	---	1.00	ug/L	1	20.0	ND	94	77-127%	---	---	
Methylene chloride	21.0	---	10.0	ug/L	1	20.0	ND	105	74-124%	---	---	
4-Methyl-2-pentanone (MiBK)	37.6	---	10.0	ug/L	1	40.0	ND	94	67-130%	---	---	
Methyl tert-butyl ether (MTBE)	19.9	---	1.00	ug/L	1	20.0	ND	100	71-124%	---	---	
Naphthalene	18.0	---	2.00	ug/L	1	20.0	ND	90	61-128%	---	---	
n-Propylbenzene	19.6	---	0.500	ug/L	1	20.0	ND	98	76-126%	---	---	
Styrene	19.1	---	1.00	ug/L	1	20.0	ND	96	78-123%	---	---	
1,1,1,2-Tetrachloroethane	21.9	---	0.400	ug/L	1	20.0	ND	110	78-124%	---	---	

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6700 S.W. Sandburg Street
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503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080716 - EPA 5030B							**Water**					
Matrix Spike (0080716-MS1)			Prepared: 08/25/20 10:02		Analyzed: 08/25/20 14:01							
QC Source Sample: Non-SDG (A0H0597-04)												
1,1,2,2-Tetrachloroethane	20.6	---	0.500	ug/L	1	20.0	ND	103	71-121%	---	---	
Tetrachloroethene (PCE)	19.5	---	0.400	ug/L	1	20.0	ND	97	74-129%	---	---	
Toluene	20.0	---	1.00	ug/L	1	20.0	ND	100	80-121%	---	---	
1,2,3-Trichlorobenzene	19.2	---	2.00	ug/L	1	20.0	ND	96	69-129%	---	---	
1,2,4-Trichlorobenzene	19.0	---	2.00	ug/L	1	20.0	ND	95	69-130%	---	---	
1,1,1-Trichloroethane	22.4	---	0.400	ug/L	1	20.0	ND	112	74-131%	---	---	
1,1,2-Trichloroethane	20.9	---	0.500	ug/L	1	20.0	ND	104	80-120%	---	---	
Trichloroethene (TCE)	20.6	---	0.400	ug/L	1	20.0	ND	103	79-123%	---	---	
Trichlorofluoromethane	20.8	---	2.00	ug/L	1	20.0	ND	104	65-141%	---	---	
1,2,3-Trichloropropane	20.2	---	1.00	ug/L	1	20.0	ND	101	73-122%	---	---	
1,2,4-Trimethylbenzene	21.0	---	1.00	ug/L	1	20.0	ND	105	76-124%	---	---	
1,3,5-Trimethylbenzene	19.2	---	1.00	ug/L	1	20.0	ND	96	75-124%	---	---	
Vinyl chloride	18.8	---	0.400	ug/L	1	20.0	ND	94	58-137%	---	---	
m,p-Xylene	42.8	---	1.00	ug/L	1	40.0	ND	107	80-121%	---	---	
o-Xylene	20.6	---	0.500	ug/L	1	20.0	ND	103	78-122%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 102 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*98 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*93 %*		*80-120 %*			*"*				

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503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080754 - EPA 5030B							**Water**					
Blank (0080754-BLK1)			Prepared: 08/26/20 08:00		Analyzed: 08/26/20 10:03							
EPA 8260D												
Acetone	ND	---	20.0	ug/L	1	---	---	---	---	---	---	
Acrylonitrile	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
Benzene	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
Bromobenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Bromochloromethane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Bromodichloromethane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Bromoform	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Bromomethane	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
2-Butanone (MEK)	ND	---	10.0	ug/L	1	---	---	---	---	---	---	
n-Butylbenzene	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
sec-Butylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
tert-Butylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Carbon disulfide	ND	---	10.0	ug/L	1	---	---	---	---	---	---	
Carbon tetrachloride	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Chlorobenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Chloroethane	ND	---	5.00	ug/L	1	---	---	---	---	---	---	EST
Chloroform	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Chloromethane	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
2-Chlorotoluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
4-Chlorotoluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Dibromochloromethane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,2-Dibromo-3-chloropropane	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Dibromomethane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,2-Dichlorobenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
1,3-Dichlorobenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
1,4-Dichlorobenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Dichlorodifluoromethane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,1-Dichloroethane	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
1,1-Dichloroethene	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	---	0.400	ug/L	1	---	---	---	---	---	---	

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ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080754 - EPA 5030B							**Water**					
Blank (0080754-BLK1)			Prepared: 08/26/20 08:00		Analyzed: 08/26/20 10:03							
1,2-Dichloropropane	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
1,3-Dichloropropane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
2,2-Dichloropropane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,1-Dichloropropene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
cis-1,3-Dichloropropene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
trans-1,3-Dichloropropene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Hexachlorobutadiene	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
2-Hexanone	ND	---	10.0	ug/L	1	---	---	---	---	---	---	
Isopropylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
4-Isopropyltoluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Methylene chloride	ND	---	10.0	ug/L	1	---	---	---	---	---	---	
4-Methyl-2-pentanone (MiBK)	ND	---	10.0	ug/L	1	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Naphthalene	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
n-Propylbenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Styrene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,1,1,2-Tetrachloroethane	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
1,1,2,2-Tetrachloroethane	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
Toluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,2,3-Trichlorobenzene	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
1,1,1-Trichloroethane	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
1,1,2-Trichloroethane	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
Trichlorofluoromethane	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
1,2,3-Trichloropropane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Vinyl chloride	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
m,p-Xylene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
o-Xylene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	

Surr: 1,4-Difluorobenzene (Surr) *Recovery: 96 %* *Limits: 80-120 %* *Dilution: 1x*

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ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080754 - EPA 5030B							**Water**					
Blank (0080754-BLK1)			Prepared: 08/26/20 08:00 Analyzed: 08/26/20 10:03									
Surr: Toluene-d8 (Surr)			*Recovery: 99 %*	*Limits: 80-120 %*				*Dilution: 1x*				
4-Bromofluorobenzene (Surr)			*102 %*	*80-120 %*				*"*				
LCS (0080754-BS1)			Prepared: 08/26/20 08:00 Analyzed: 08/26/20 09:09									
EPA 8260D												
Acetone	33.9	---	20.0	ug/L	1	40.0	---	85	80-120%	---	---	
Acrylonitrile	18.7	---	2.00	ug/L	1	20.0	---	93	80-120%	---	---	
Benzene	19.2	---	0.200	ug/L	1	20.0	---	96	80-120%	---	---	
Bromobenzene	21.0	---	0.500	ug/L	1	20.0	---	105	80-120%	---	---	
Bromochloromethane	21.0	---	1.00	ug/L	1	20.0	---	105	80-120%	---	---	
Bromodichloromethane	20.2	---	1.00	ug/L	1	20.0	---	101	80-120%	---	---	
Bromoform	22.2	---	1.00	ug/L	1	20.0	---	111	80-120%	---	---	
Bromomethane	18.6	---	5.00	ug/L	1	20.0	---	93	80-120%	---	---	
2-Butanone (MEK)	38.8	---	10.0	ug/L	1	40.0	---	97	80-120%	---	---	
n-Butylbenzene	19.9	---	2.00	ug/L	1	20.0	---	100	80-120%	---	---	
sec-Butylbenzene	22.0	---	1.00	ug/L	1	20.0	---	110	80-120%	---	---	
tert-Butylbenzene	21.8	---	1.00	ug/L	1	20.0	---	109	80-120%	---	---	
Carbon disulfide	18.6	---	10.0	ug/L	1	20.0	---	93	80-120%	---	---	
Carbon tetrachloride	23.1	---	1.00	ug/L	1	20.0	---	115	80-120%	---	---	
Chlorobenzene	20.7	---	0.500	ug/L	1	20.0	---	103	80-120%	---	---	
Chloroethane	17.0	---	5.00	ug/L	1	20.0	---	85	80-120%	---	---	EST
Chloroform	20.7	---	1.00	ug/L	1	20.0	---	104	80-120%	---	---	
Chloromethane	14.4	---	5.00	ug/L	1	20.0	---	**72**	**80-120%**	---	---	Q-55
2-Chlorotoluene	20.8	---	1.00	ug/L	1	20.0	---	104	80-120%	---	---	
4-Chlorotoluene	21.5	---	1.00	ug/L	1	20.0	---	108	80-120%	---	---	
Dibromochloromethane	21.8	---	1.00	ug/L	1	20.0	---	109	80-120%	---	---	
1,2-Dibromo-3-chloropropane	19.1	---	5.00	ug/L	1	20.0	---	96	80-120%	---	---	
1,2-Dibromoethane (EDB)	20.9	---	0.500	ug/L	1	20.0	---	104	80-120%	---	---	
Dibromomethane	19.9	---	1.00	ug/L	1	20.0	---	100	80-120%	---	---	
1,2-Dichlorobenzene	21.8	---	0.500	ug/L	1	20.0	---	109	80-120%	---	---	
1,3-Dichlorobenzene	21.7	---	0.500	ug/L	1	20.0	---	108	80-120%	---	---	
1,4-Dichlorobenzene	21.0	---	0.500	ug/L	1	20.0	---	105	80-120%	---	---	
Dichlorodifluoromethane	15.8	---	1.00	ug/L	1	20.0	---	**79**	**80-120%**	---	---	Q-55
1,1-Dichloroethane	19.3	---	0.400	ug/L	1	20.0	---	96	80-120%	---	---	

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Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080754 - EPA 5030B							**Water**					
LCS (0080754-BS1)			Prepared: 08/26/20 08:00		Analyzed: 08/26/20 09:09							
1,2-Dichloroethane (EDC)	21.2	---	0.400	ug/L	1	20.0	---	106	80-120%	---	---	
1,1-Dichloroethene	21.1	---	0.400	ug/L	1	20.0	---	105	80-120%	---	---	
cis-1,2-Dichloroethene	20.0	---	0.400	ug/L	1	20.0	---	100	80-120%	---	---	
trans-1,2-Dichloroethene	19.5	---	0.400	ug/L	1	20.0	---	97	80-120%	---	---	
1,2-Dichloropropane	18.4	---	0.500	ug/L	1	20.0	---	92	80-120%	---	---	
1,3-Dichloropropane	20.3	---	1.00	ug/L	1	20.0	---	101	80-120%	---	---	
2,2-Dichloropropane	29.0	---	1.00	ug/L	1	20.0	---	**145**	**80-120%**	---	---	Q-56
1,1-Dichloropropene	20.9	---	1.00	ug/L	1	20.0	---	104	80-120%	---	---	
cis-1,3-Dichloropropene	21.7	---	1.00	ug/L	1	20.0	---	108	80-120%	---	---	
trans-1,3-Dichloropropene	22.3	---	1.00	ug/L	1	20.0	---	111	80-120%	---	---	
Ethylbenzene	20.7	---	0.500	ug/L	1	20.0	---	104	80-120%	---	---	
Hexachlorobutadiene	21.6	---	5.00	ug/L	1	20.0	---	108	80-120%	---	---	
2-Hexanone	40.7	---	10.0	ug/L	1	40.0	---	102	80-120%	---	---	
Isopropylbenzene	22.5	---	1.00	ug/L	1	20.0	---	113	80-120%	---	---	
4-Isopropyltoluene	19.2	---	1.00	ug/L	1	20.0	---	96	80-120%	---	---	
Methylene chloride	18.5	---	10.0	ug/L	1	20.0	---	93	80-120%	---	---	
4-Methyl-2-pentanone (MiBK)	42.3	---	10.0	ug/L	1	40.0	---	106	80-120%	---	---	
Methyl tert-butyl ether (MTBE)	20.7	---	1.00	ug/L	1	20.0	---	104	80-120%	---	---	
Naphthalene	17.4	---	2.00	ug/L	1	20.0	---	87	80-120%	---	---	
n-Propylbenzene	21.2	---	0.500	ug/L	1	20.0	---	106	80-120%	---	---	
Styrene	19.8	---	1.00	ug/L	1	20.0	---	99	80-120%	---	---	
1,1,1,2-Tetrachloroethane	22.2	---	0.400	ug/L	1	20.0	---	111	80-120%	---	---	
1,1,2,2-Tetrachloroethane	20.5	---	0.500	ug/L	1	20.0	---	103	80-120%	---	---	
Tetrachloroethene (PCE)	22.2	---	0.400	ug/L	1	20.0	---	111	80-120%	---	---	
Toluene	19.2	---	1.00	ug/L	1	20.0	---	96	80-120%	---	---	
1,2,3-Trichlorobenzene	19.3	---	2.00	ug/L	1	20.0	---	97	80-120%	---	---	
1,2,4-Trichlorobenzene	19.3	---	2.00	ug/L	1	20.0	---	96	80-120%	---	---	
1,1,1-Trichloroethane	21.7	---	0.400	ug/L	1	20.0	---	109	80-120%	---	---	
1,1,2-Trichloroethane	20.9	---	0.500	ug/L	1	20.0	---	105	80-120%	---	---	
Trichloroethene (TCE)	19.4	---	0.400	ug/L	1	20.0	---	97	80-120%	---	---	
Trichlorofluoromethane	23.6	---	2.00	ug/L	1	20.0	---	118	80-120%	---	---	
1,2,3-Trichloropropane	20.2	---	1.00	ug/L	1	20.0	---	101	80-120%	---	---	
1,2,4-Trimethylbenzene	21.9	---	1.00	ug/L	1	20.0	---	110	80-120%	---	---	
1,3,5-Trimethylbenzene	21.7	---	1.00	ug/L	1	20.0	---	109	80-120%	---	---	

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Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080754 - EPA 5030B							**Water**					
LCS (0080754-BS1)			Prepared: 08/26/20 08:00		Analyzed: 08/26/20 09:09							
Vinyl chloride	17.6	---	0.400	ug/L	1	20.0	---	88	80-120%	---	---	
m,p-Xylene	41.3	---	1.00	ug/L	1	40.0	---	103	80-120%	---	---	
o-Xylene	21.5	---	0.500	ug/L	1	20.0	---	108	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 92 %*		*Limits: 80-120 %*		*Dilution: 1x*					
Toluene-d8 (Surr)			*98 %*		*80-120 %*		*"*					
4-Bromofluorobenzene (Surr)			*97 %*		*80-120 %*		*"*					
Duplicate (0080754-DUP1)			Prepared: 08/26/20 08:00		Analyzed: 08/26/20 12:19							
QC Source Sample: Non-SDG (A0H0629-01)												
Acetone	ND	---	20.0	ug/L	1	---	ND	---	---	---	30%	
Acrylonitrile	ND	---	2.00	ug/L	1	---	ND	---	---	---	30%	
Benzene	ND	---	0.200	ug/L	1	---	ND	---	---	---	30%	
Bromobenzene	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	
Bromochloromethane	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
Bromodichloromethane	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
Bromoform	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
Bromomethane	ND	---	5.00	ug/L	1	---	ND	---	---	---	30%	
2-Butanone (MEK)	ND	---	10.0	ug/L	1	---	ND	---	---	---	30%	
n-Butylbenzene	ND	---	2.00	ug/L	1	---	ND	---	---	---	30%	
sec-Butylbenzene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
tert-Butylbenzene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
Carbon disulfide	ND	---	10.0	ug/L	1	---	ND	---	---	---	30%	
Carbon tetrachloride	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
Chlorobenzene	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	
Chloroethane	ND	---	5.00	ug/L	1	---	ND	---	---	---	30%	EST
Chloroform	ND	---	1.00	ug/L	1	---	0.709	---	---	***	30%	
Chloromethane	ND	---	5.00	ug/L	1	---	ND	---	---	---	30%	
2-Chlorotoluene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
4-Chlorotoluene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
Dibromochloromethane	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
1,2-Dibromo-3-chloropropane	ND	---	5.00	ug/L	1	---	ND	---	---	---	30%	
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	
Dibromomethane	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
1,2-Dichlorobenzene	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	

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Darwin Thomas, Business Development Director

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503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080754 - EPA 5030B							**Water**					
Duplicate (0080754-DUP1)			Prepared: 08/26/20 08:00		Analyzed: 08/26/20 12:19							
QC Source Sample: Non-SDG (A0H0629-01)												
1,3-Dichlorobenzene	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	
1,4-Dichlorobenzene	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	
Dichlorodifluoromethane	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
1,1-Dichloroethane	ND	---	0.400	ug/L	1	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	---	ND	---	---	---	30%	
1,1-Dichloroethene	ND	---	0.400	ug/L	1	---	ND	---	---	---	30%	
cis-1,2-Dichloroethene	ND	---	0.400	ug/L	1	---	ND	---	---	---	30%	
trans-1,2-Dichloroethene	ND	---	0.400	ug/L	1	---	ND	---	---	---	30%	
1,2-Dichloropropane	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	
1,3-Dichloropropane	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
2,2-Dichloropropane	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
1,1-Dichloropropene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
cis-1,3-Dichloropropene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
trans-1,3-Dichloropropene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
Ethylbenzene	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	
Hexachlorobutadiene	ND	---	5.00	ug/L	1	---	ND	---	---	---	30%	
2-Hexanone	ND	---	10.0	ug/L	1	---	ND	---	---	---	30%	
Isopropylbenzene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
4-Isopropyltoluene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
Methylene chloride	ND	---	10.0	ug/L	1	---	ND	---	---	---	30%	
4-Methyl-2-pentanone (MiBK)	ND	---	10.0	ug/L	1	---	ND	---	---	---	30%	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
Naphthalene	ND	---	2.00	ug/L	1	---	ND	---	---	---	30%	
n-Propylbenzene	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	
Styrene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
1,1,1,2-Tetrachloroethane	ND	---	0.400	ug/L	1	---	ND	---	---	---	30%	
1,1,2,2-Tetrachloroethane	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	
Tetrachloroethene (PCE)	ND	---	0.400	ug/L	1	---	ND	---	---	---	30%	
Toluene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
1,2,3-Trichlorobenzene	ND	---	2.00	ug/L	1	---	ND	---	---	---	30%	
1,2,4-Trichlorobenzene	ND	---	2.00	ug/L	1	---	ND	---	---	---	30%	
1,1,1-Trichloroethane	ND	---	0.400	ug/L	1	---	ND	---	---	---	30%	
1,1,2-Trichloroethane	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	

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Darwin Thomas, Business Development Director

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503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080754 - EPA 5030B							**Water**					
Duplicate (0080754-DUP1)			Prepared: 08/26/20 08:00		Analyzed: 08/26/20 12:19							
QC Source Sample: Non-SDG (A0H0629-01)												
Trichloroethene (TCE)	ND	---	0.400	ug/L	1	---	ND	---	---	---	30%	
Trichlorofluoromethane	ND	---	2.00	ug/L	1	---	ND	---	---	---	30%	
1,2,3-Trichloropropane	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
1,2,4-Trimethylbenzene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
1,3,5-Trimethylbenzene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
Vinyl chloride	ND	---	0.400	ug/L	1	---	ND	---	---	---	30%	
m,p-Xylene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
o-Xylene	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 97 %*		*Limits: 80-120 %*		*Dilution: 1x*					
Toluene-d8 (Surr)			*100 %*		*80-120 %*		*"*					
4-Bromofluorobenzene (Surr)			*106 %*		*80-120 %*		*"*					
Matrix Spike (0080754-MS1)			Prepared: 08/26/20 08:00		Analyzed: 08/26/20 13:14							
QC Source Sample: Non-SDG (A0H0629-02)												
EPA 8260D												
Acetone	41.5	---	20.0	ug/L	1	40.0	ND	77	39-160%	---	---	
Acrylonitrile	19.5	---	2.00	ug/L	1	20.0	ND	97	63-135%	---	---	
Benzene	22.0	---	0.200	ug/L	1	20.0	ND	110	79-120%	---	---	
Bromobenzene	23.0	---	0.500	ug/L	1	20.0	ND	115	80-120%	---	---	
Bromochloromethane	23.4	---	1.00	ug/L	1	20.0	ND	117	78-123%	---	---	
Bromodichloromethane	23.1	---	1.00	ug/L	1	20.0	ND	116	79-125%	---	---	
Bromoform	23.0	---	1.00	ug/L	1	20.0	ND	115	66-130%	---	---	
Bromomethane	21.5	---	5.00	ug/L	1	20.0	ND	108	53-141%	---	---	
2-Butanone (MEK)	42.2	---	10.0	ug/L	1	40.0	ND	105	56-143%	---	---	
n-Butylbenzene	22.2	---	2.00	ug/L	1	20.0	ND	111	75-128%	---	---	
sec-Butylbenzene	24.6	---	1.00	ug/L	1	20.0	ND	123	77-126%	---	---	
tert-Butylbenzene	25.2	---	1.00	ug/L	1	20.0	ND	**126**	**78-124%**	---	---	Q-01
Carbon disulfide	22.1	---	10.0	ug/L	1	20.0	ND	110	64-133%	---	---	
Carbon tetrachloride	26.4	---	1.00	ug/L	1	20.0	ND	132	72-136%	---	---	
Chlorobenzene	22.5	---	0.500	ug/L	1	20.0	ND	113	80-120%	---	---	
Chloroethane	20.4	---	5.00	ug/L	1	20.0	ND	102	60-138%	---	---	EST
Chloroform	23.7	---	1.00	ug/L	1	20.0	ND	118	79-124%	---	---	
Chloromethane	17.2	---	5.00	ug/L	1	20.0	ND	86	50-139%	---	---	Q-54h

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Darwin Thomas, Business Development Director

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Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080754 - EPA 5030B							**Water**					
Matrix Spike (0080754-MS1)			Prepared: 08/26/20 08:00		Analyzed: 08/26/20 13:14							
QC Source Sample: Non-SDG (A0H0629-02)												
2-Chlorotoluene	23.4	---	1.00	ug/L	1	20.0	ND	117	79-122%	---	---	
4-Chlorotoluene	23.8	---	1.00	ug/L	1	20.0	ND	119	78-122%	---	---	
Dibromochloromethane	23.1	---	1.00	ug/L	1	20.0	ND	116	74-126%	---	---	
1,2-Dibromo-3-chloropropane	20.3	---	5.00	ug/L	1	20.0	ND	101	62-128%	---	---	
1,2-Dibromoethane (EDB)	22.8	---	0.500	ug/L	1	20.0	ND	114	77-121%	---	---	
Dibromomethane	21.9	---	1.00	ug/L	1	20.0	ND	110	79-123%	---	---	
1,2-Dichlorobenzene	24.0	---	0.500	ug/L	1	20.0	ND	120	80-120%	---	---	
1,3-Dichlorobenzene	23.1	---	0.500	ug/L	1	20.0	ND	115	80-120%	---	---	
1,4-Dichlorobenzene	22.8	---	0.500	ug/L	1	20.0	ND	114	79-120%	---	---	
Dichlorodifluoromethane	18.6	---	1.00	ug/L	1	20.0	ND	93	32-152%	---	---	Q-54d
1,1-Dichloroethane	21.6	---	0.400	ug/L	1	20.0	ND	108	77-125%	---	---	
1,2-Dichloroethane (EDC)	24.0	---	0.400	ug/L	1	20.0	ND	120	73-128%	---	---	
1,1-Dichloroethene	24.3	---	0.400	ug/L	1	20.0	ND	122	71-131%	---	---	
cis-1,2-Dichloroethene	22.9	---	0.400	ug/L	1	20.0	0.311	113	78-123%	---	---	
trans-1,2-Dichloroethene	22.1	---	0.400	ug/L	1	20.0	ND	111	75-124%	---	---	
1,2-Dichloropropane	20.8	---	0.500	ug/L	1	20.0	ND	104	78-122%	---	---	
1,3-Dichloropropane	22.2	---	1.00	ug/L	1	20.0	ND	111	80-120%	---	---	
2,2-Dichloropropane	30.9	---	1.00	ug/L	1	20.0	ND	**154**	**60-139%**	---	---	Q-54a
1,1-Dichloropropene	24.2	---	1.00	ug/L	1	20.0	ND	121	79-125%	---	---	
cis-1,3-Dichloropropene	22.0	---	1.00	ug/L	1	20.0	ND	110	75-124%	---	---	
trans-1,3-Dichloropropene	24.0	---	1.00	ug/L	1	20.0	ND	120	73-127%	---	---	
Ethylbenzene	22.6	---	0.500	ug/L	1	20.0	ND	113	79-121%	---	---	
Hexachlorobutadiene	24.2	---	5.00	ug/L	1	20.0	ND	121	66-134%	---	---	
2-Hexanone	44.2	---	10.0	ug/L	1	40.0	ND	111	57-139%	---	---	
Isopropylbenzene	25.5	---	1.00	ug/L	1	20.0	ND	127	72-131%	---	---	
4-Isopropyltoluene	21.9	---	1.00	ug/L	1	20.0	ND	110	77-127%	---	---	
Methylene chloride	19.1	---	10.0	ug/L	1	20.0	ND	96	74-124%	---	---	
4-Methyl-2-pentanone (MiBK)	45.0	---	10.0	ug/L	1	40.0	ND	113	67-130%	---	---	
Methyl tert-butyl ether (MTBE)	22.5	---	1.00	ug/L	1	20.0	ND	112	71-124%	---	---	
Naphthalene	17.3	---	2.00	ug/L	1	20.0	ND	87	61-128%	---	---	
n-Propylbenzene	23.8	---	0.500	ug/L	1	20.0	ND	119	76-126%	---	---	
Styrene	20.2	---	1.00	ug/L	1	20.0	ND	101	78-123%	---	---	
1,1,1,2-Tetrachloroethane	24.2	---	0.400	ug/L	1	20.0	ND	121	78-124%	---	---	

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Darwin Thomas, Business Development Director

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Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080754 - EPA 5030B							**Water**					
Matrix Spike (0080754-MS1)			Prepared: 08/26/20 08:00		Analyzed: 08/26/20 13:14							
QC Source Sample: Non-SDG (A0H0629-02)												
1,1,2,2-Tetrachloroethane	23.6	---	0.500	ug/L	1	20.0	ND	118	71-121%	---	---	
Tetrachloroethene (PCE)	24.5	---	0.400	ug/L	1	20.0	ND	122	74-129%	---	---	
Toluene	21.3	---	1.00	ug/L	1	20.0	ND	106	80-121%	---	---	
1,2,3-Trichlorobenzene	19.6	---	2.00	ug/L	1	20.0	ND	98	69-129%	---	---	
1,2,4-Trichlorobenzene	19.6	---	2.00	ug/L	1	20.0	ND	98	69-130%	---	---	
1,1,1-Trichloroethane	24.8	---	0.400	ug/L	1	20.0	ND	124	74-131%	---	---	
1,1,2-Trichloroethane	22.6	---	0.500	ug/L	1	20.0	ND	113	80-120%	---	---	
Trichloroethene (TCE)	23.9	---	0.400	ug/L	1	20.0	1.75	111	79-123%	---	---	
Trichlorofluoromethane	27.6	---	2.00	ug/L	1	20.0	ND	138	65-141%	---	---	
1,2,3-Trichloropropane	22.4	---	1.00	ug/L	1	20.0	ND	112	73-122%	---	---	
1,2,4-Trimethylbenzene	24.5	---	1.00	ug/L	1	20.0	ND	123	76-124%	---	---	
1,3,5-Trimethylbenzene	25.0	---	1.00	ug/L	1	20.0	ND	**125**	**75-124%**	---	---	Q-01
Vinyl chloride	20.4	---	0.400	ug/L	1	20.0	ND	102	58-137%	---	---	
m,p-Xylene	46.1	---	1.00	ug/L	1	40.0	ND	115	80-121%	---	---	
o-Xylene	23.5	---	0.500	ug/L	1	20.0	ND	118	78-122%	---	---	
Surr: 1,4-Difluorobenzene (Surr)			*Recovery: 96 %*		*Limits: 80-120 %*			*Dilution: 1x*				
Toluene-d8 (Surr)			*96 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*96 %*		*80-120 %*			*"*				

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Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080785 - EPA 5035A							**Soil**					
Blank (0080785-BLK1)			Prepared: 08/26/20 09:00 Analyzed: 08/26/20 16:14									
5035A/8260D												
Acetone	ND	---	0.667	mg/kg wet	50	---	---	---	---	---	---	
Acrylonitrile	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Benzene	ND	---	0.00667	mg/kg wet	50	---	---	---	---	---	---	
Bromobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Bromochloromethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Bromodichloromethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Bromoform	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
Bromomethane	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
2-Butanone (MEK)	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
n-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
sec-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
tert-Butylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Carbon disulfide	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Carbon tetrachloride	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Chlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Chloroethane	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Chloroform	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Chloromethane	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
2-Chlorotoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
4-Chlorotoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Dibromochloromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromo-3-chloropropane	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Dibromomethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,3-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,4-Dichlorobenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Dichlorodifluoromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	

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Darwin Thomas, Business Development Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080785 - EPA 5035A							**Soil**					
Blank (0080785-BLK1)			Prepared: 08/26/20 09:00 Analyzed: 08/26/20 16:14									
1,2-Dichloropropane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,3-Dichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
2,2-Dichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
cis-1,3-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
trans-1,3-Dichloropropene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Hexachlorobutadiene	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
2-Hexanone	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Isopropylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
4-Isopropyltoluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Methylene chloride	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
4-Methyl-2-pentanone (MiBK)	ND	---	0.333	mg/kg wet	50	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Naphthalene	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
n-Propylbenzene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Styrene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,1,1,2-Tetrachloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,1,2,2-Tetrachloroethane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Toluene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichlorobenzene	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	---	0.167	mg/kg wet	50	---	---	---	---	---	---	
1,1,1-Trichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
1,1,2-Trichloroethane	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
Trichlorofluoromethane	ND	---	0.0667	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichloropropane	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
Vinyl chloride	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	
m,p-Xylene	ND	---	0.0333	mg/kg wet	50	---	---	---	---	---	---	
o-Xylene	ND	---	0.0167	mg/kg wet	50	---	---	---	---	---	---	

Surr: 1,4-Difluorobenzene (Surr) *Recovery: 99 %* *Limits: 80-120 %* *Dilution: 1x*

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Darwin Thomas, Business Development Director

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503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080785 - EPA 5035A							**Soil**					
Blank (0080785-BLK1)				Prepared: 08/26/20 09:00 Analyzed: 08/26/20 16:14								
Surr: Toluene-d8 (Surr)			*Recovery: 100 %*	*Limits: 80-120 %*			*Dilution: 1x*					
4-Bromofluorobenzene (Surr)			*102 %*	*79-120 %*			*"*					
LCS (0080785-BS1)				Prepared: 08/26/20 09:00 Analyzed: 08/26/20 15:19								
5035A/8260D												
Acetone	1.66	---	1.00	mg/kg wet	50	2.00	---	83	80-120%	---	---	
Acrylonitrile	0.902	---	0.100	mg/kg wet	50	1.00	---	90	80-120%	---	---	
Benzene	0.977	---	0.0100	mg/kg wet	50	1.00	---	98	80-120%	---	---	
Bromobenzene	1.08	---	0.0250	mg/kg wet	50	1.00	---	108	80-120%	---	---	
Bromochloromethane	0.892	---	0.0500	mg/kg wet	50	1.00	---	89	80-120%	---	---	
Bromodichloromethane	0.990	---	0.0500	mg/kg wet	50	1.00	---	99	80-120%	---	---	
Bromoform	0.881	---	0.100	mg/kg wet	50	1.00	---	88	80-120%	---	---	
Bromomethane	1.13	---	0.500	mg/kg wet	50	1.00	---	113	80-120%	---	---	
2-Butanone (MEK)	1.73	---	0.500	mg/kg wet	50	2.00	---	86	80-120%	---	---	
n-Butylbenzene	1.08	---	0.0500	mg/kg wet	50	1.00	---	108	80-120%	---	---	
sec-Butylbenzene	1.07	---	0.0500	mg/kg wet	50	1.00	---	107	80-120%	---	---	
tert-Butylbenzene	1.07	---	0.0500	mg/kg wet	50	1.00	---	107	80-120%	---	---	
Carbon disulfide	0.985	---	0.500	mg/kg wet	50	1.00	---	98	80-120%	---	---	
Carbon tetrachloride	1.05	---	0.0500	mg/kg wet	50	1.00	---	105	80-120%	---	---	
Chlorobenzene	1.00	---	0.0250	mg/kg wet	50	1.00	---	100	80-120%	---	---	
Chloroethane	0.808	---	0.500	mg/kg wet	50	1.00	---	81	80-120%	---	---	
Chloroform	1.02	---	0.0500	mg/kg wet	50	1.00	---	102	80-120%	---	---	
Chloromethane	0.683	---	0.250	mg/kg wet	50	1.00	---	**68**	**80-120%**	---	---	Q-55
2-Chlorotoluene	1.07	---	0.0500	mg/kg wet	50	1.00	---	107	80-120%	---	---	
4-Chlorotoluene	1.06	---	0.0500	mg/kg wet	50	1.00	---	106	80-120%	---	---	
Dibromochloromethane	0.922	---	0.100	mg/kg wet	50	1.00	---	92	80-120%	---	---	
1,2-Dibromo-3-chloropropane	0.888	---	0.250	mg/kg wet	50	1.00	---	89	80-120%	---	---	
1,2-Dibromoethane (EDB)	1.04	---	0.0500	mg/kg wet	50	1.00	---	104	80-120%	---	---	
Dibromomethane	0.994	---	0.0500	mg/kg wet	50	1.00	---	99	80-120%	---	---	
1,2-Dichlorobenzene	1.05	---	0.0250	mg/kg wet	50	1.00	---	105	80-120%	---	---	
1,3-Dichlorobenzene	1.05	---	0.0250	mg/kg wet	50	1.00	---	105	80-120%	---	---	
1,4-Dichlorobenzene	0.982	---	0.0250	mg/kg wet	50	1.00	---	98	80-120%	---	---	
Dichlorodifluoromethane	0.815	---	0.100	mg/kg wet	50	1.00	---	82	80-120%	---	---	
1,1-Dichloroethane	0.958	---	0.0250	mg/kg wet	50	1.00	---	96	80-120%	---	---	

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Darwin Thomas, Business Development Director

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ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080785 - EPA 5035A							**Soil**					
LCS (0080785-BS1)			Prepared: 08/26/20 09:00 Analyzed: 08/26/20 15:19									
1,2-Dichloroethane (EDC)	0.954	---	0.0250	mg/kg wet	50	1.00	---	95	80-120%	---	---	
1,1-Dichloroethene	0.948	---	0.0250	mg/kg wet	50	1.00	---	95	80-120%	---	---	
cis-1,2-Dichloroethene	0.961	---	0.0250	mg/kg wet	50	1.00	---	96	80-120%	---	---	
trans-1,2-Dichloroethene	0.968	---	0.0250	mg/kg wet	50	1.00	---	97	80-120%	---	---	
1,2-Dichloropropane	0.931	---	0.0250	mg/kg wet	50	1.00	---	93	80-120%	---	---	
1,3-Dichloropropane	1.03	---	0.0500	mg/kg wet	50	1.00	---	103	80-120%	---	---	
2,2-Dichloropropane	1.19	---	0.0500	mg/kg wet	50	1.00	---	119	80-120%	---	---	
1,1-Dichloropropene	1.03	---	0.0500	mg/kg wet	50	1.00	---	103	80-120%	---	---	
cis-1,3-Dichloropropene	0.931	---	0.0500	mg/kg wet	50	1.00	---	93	80-120%	---	---	
trans-1,3-Dichloropropene	0.944	---	0.0500	mg/kg wet	50	1.00	---	94	80-120%	---	---	
Ethylbenzene	1.02	---	0.0250	mg/kg wet	50	1.00	---	102	80-120%	---	---	
Hexachlorobutadiene	1.07	---	0.100	mg/kg wet	50	1.00	---	107	80-120%	---	---	
2-Hexanone	1.63	---	0.500	mg/kg wet	50	2.00	---	81	80-120%	---	---	
Isopropylbenzene	1.06	---	0.0500	mg/kg wet	50	1.00	---	106	80-120%	---	---	
4-Isopropyltoluene	1.10	---	0.0500	mg/kg wet	50	1.00	---	110	80-120%	---	---	
Methylene chloride	1.06	---	0.500	mg/kg wet	50	1.00	---	106	80-120%	---	---	
4-Methyl-2-pentanone (MiBK)	1.78	---	0.500	mg/kg wet	50	2.00	---	89	80-120%	---	---	
Methyl tert-butyl ether (MTBE)	0.975	---	0.0500	mg/kg wet	50	1.00	---	97	80-120%	---	---	
Naphthalene	0.998	---	0.100	mg/kg wet	50	1.00	---	100	80-120%	---	---	
n-Propylbenzene	1.02	---	0.0250	mg/kg wet	50	1.00	---	102	80-120%	---	---	
Styrene	0.928	---	0.0500	mg/kg wet	50	1.00	---	93	80-120%	---	---	
1,1,1,2-Tetrachloroethane	0.973	---	0.0250	mg/kg wet	50	1.00	---	97	80-120%	---	---	
1,1,2,2-Tetrachloroethane	1.09	---	0.0500	mg/kg wet	50	1.00	---	109	80-120%	---	---	
Tetrachloroethene (PCE)	0.993	---	0.0250	mg/kg wet	50	1.00	---	99	80-120%	---	---	
Toluene	0.945	---	0.0500	mg/kg wet	50	1.00	---	94	80-120%	---	---	
1,2,3-Trichlorobenzene	1.06	---	0.250	mg/kg wet	50	1.00	---	106	80-120%	---	---	
1,2,4-Trichlorobenzene	1.11	---	0.250	mg/kg wet	50	1.00	---	111	80-120%	---	---	
1,1,1-Trichloroethane	1.06	---	0.0250	mg/kg wet	50	1.00	---	106	80-120%	---	---	
1,1,2-Trichloroethane	1.01	---	0.0250	mg/kg wet	50	1.00	---	101	80-120%	---	---	
Trichloroethene (TCE)	1.04	---	0.0250	mg/kg wet	50	1.00	---	104	80-120%	---	---	
Trichlorofluoromethane	0.518	---	0.100	mg/kg wet	50	1.00	---	**52**	**80-120%**	---	---	Q-55
1,2,3-Trichloropropane	1.04	---	0.0500	mg/kg wet	50	1.00	---	104	80-120%	---	---	
1,2,4-Trimethylbenzene	1.08	---	0.0500	mg/kg wet	50	1.00	---	108	80-120%	---	---	
1,3,5-Trimethylbenzene	1.08	---	0.0500	mg/kg wet	50	1.00	---	108	80-120%	---	---	

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Darwin Thomas, Business Development Director

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ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080785 - EPA 5035A							**Soil**					
LCS (0080785-BS1)			Prepared: 08/26/20 09:00		Analyzed: 08/26/20 15:19							
Vinyl chloride	0.976	---	0.0250	mg/kg wet	50	1.00	---	98	80-120%	---	---	
m,p-Xylene	2.10	---	0.0500	mg/kg wet	50	2.00	---	105	80-120%	---	---	
o-Xylene	1.05	---	0.0250	mg/kg wet	50	1.00	---	105	80-120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*98 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*102 %*		*79-120 %*			*"*				
Duplicate (0080785-DUP1)			Prepared: 08/21/20 16:30		Analyzed: 08/26/20 18:29							
QC Source Sample: Non-SDG (A0H0606-07)												
Acetone	ND	---	1.05	mg/kg dry	50	---	ND	---	---	---	30%	
Acrylonitrile	ND	---	0.105	mg/kg dry	50	---	ND	---	---	---	30%	
Benzene	ND	---	0.0105	mg/kg dry	50	---	ND	---	---	---	30%	
Bromobenzene	ND	---	0.0263	mg/kg dry	50	---	ND	---	---	---	30%	
Bromochloromethane	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
Bromodichloromethane	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
Bromoform	ND	---	0.105	mg/kg dry	50	---	ND	---	---	---	30%	
Bromomethane	ND	---	0.525	mg/kg dry	50	---	ND	---	---	---	30%	
2-Butanone (MEK)	ND	---	0.525	mg/kg dry	50	---	ND	---	---	---	30%	
n-Butylbenzene	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
sec-Butylbenzene	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
tert-Butylbenzene	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
Carbon disulfide	ND	---	0.525	mg/kg dry	50	---	ND	---	---	---	30%	
Carbon tetrachloride	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
Chlorobenzene	ND	---	0.0263	mg/kg dry	50	---	ND	---	---	---	30%	
Chloroethane	ND	---	0.525	mg/kg dry	50	---	ND	---	---	---	30%	
Chloroform	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
Chloromethane	ND	---	0.263	mg/kg dry	50	---	ND	---	---	---	30%	
2-Chlorotoluene	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
4-Chlorotoluene	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
Dibromochloromethane	ND	---	0.105	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dibromo-3-chloropropane	ND	---	0.263	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dibromoethane (EDB)	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
Dibromomethane	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichlorobenzene	ND	---	0.0263	mg/kg dry	50	---	ND	---	---	---	30%	

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12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080785 - EPA 5035A							**Soil**					
Duplicate (0080785-DUP1)			Prepared: 08/21/20 16:30 Analyzed: 08/26/20 18:29									
QC Source Sample: Non-SDG (A0H0606-07)												
1,3-Dichlorobenzene	ND	---	0.0263	mg/kg dry	50	---	ND	---	---	---	30%	
1,4-Dichlorobenzene	ND	---	0.0263	mg/kg dry	50	---	ND	---	---	---	30%	
Dichlorodifluoromethane	ND	---	0.105	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloroethane	ND	---	0.0263	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	---	0.0263	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloroethene	ND	---	0.0263	mg/kg dry	50	---	ND	---	---	---	30%	
cis-1,2-Dichloroethene	ND	---	0.0263	mg/kg dry	50	---	ND	---	---	---	30%	
trans-1,2-Dichloroethene	ND	---	0.0263	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloropropane	ND	---	0.0263	mg/kg dry	50	---	ND	---	---	---	30%	
1,3-Dichloropropane	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
2,2-Dichloropropane	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
1,1-Dichloropropene	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
cis-1,3-Dichloropropene	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
trans-1,3-Dichloropropene	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
Ethylbenzene	ND	---	0.0263	mg/kg dry	50	---	ND	---	---	---	30%	
Hexachlorobutadiene	ND	---	0.105	mg/kg dry	50	---	ND	---	---	---	30%	
2-Hexanone	ND	---	0.525	mg/kg dry	50	---	ND	---	---	---	30%	
Isopropylbenzene	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
4-Isopropyltoluene	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
Methylene chloride	ND	---	0.525	mg/kg dry	50	---	ND	---	---	---	30%	
4-Methyl-2-pentanone (MiBK)	ND	---	0.525	mg/kg dry	50	---	ND	---	---	---	30%	
Methyl tert-butyl ether (MTBE)	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
Naphthalene	ND	---	0.105	mg/kg dry	50	---	ND	---	---	---	30%	
n-Propylbenzene	ND	---	0.0263	mg/kg dry	50	---	ND	---	---	---	30%	
Styrene	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,1,2-Tetrachloroethane	ND	---	0.0263	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,2,2-Tetrachloroethane	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
Tetrachloroethene (PCE)	ND	---	0.0263	mg/kg dry	50	---	ND	---	---	---	30%	
Toluene	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,3-Trichlorobenzene	ND	---	0.263	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trichlorobenzene	ND	---	0.263	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,1-Trichloroethane	ND	---	0.0263	mg/kg dry	50	---	ND	---	---	---	30%	
1,1,2-Trichloroethane	ND	---	0.0263	mg/kg dry	50	---	ND	---	---	---	30%	

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Darwin Thomas, Business Development Director

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6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080785 - EPA 5035A							**Soil**					
Duplicate (0080785-DUP1)			Prepared: 08/21/20 16:30 Analyzed: 08/26/20 18:29									
QC Source Sample: Non-SDG (A0H0606-07)												
Trichloroethene (TCE)	ND	---	0.0263	mg/kg dry	50	---	ND	---	---	---	30%	
Trichlorofluoromethane	ND	---	0.105	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,3-Trichloropropane	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trimethylbenzene	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
1,3,5-Trimethylbenzene	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
Vinyl chloride	ND	---	0.0263	mg/kg dry	50	---	ND	---	---	---	30%	
m,p-Xylene	ND	---	0.0525	mg/kg dry	50	---	ND	---	---	---	30%	
o-Xylene	ND	---	0.0263	mg/kg dry	50	---	ND	---	---	---	30%	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*99 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*101 %*		*79-120 %*			*"*				
Matrix Spike (0080785-MS1)			Prepared: 08/21/20 08:10 Analyzed: 08/26/20 20:45									
QC Source Sample: Non-SDG (A0H0606-11)												
5035A/8260D												
Acetone	0.951	---	0.771	mg/kg dry	50	1.54	ND	62	36-164%	---	---	
Acrylonitrile	0.532	---	0.0771	mg/kg dry	50	0.771	ND	69	65-134%	---	---	
Benzene	0.740	---	0.00771	mg/kg dry	50	0.771	ND	96	77-121%	---	---	
Bromobenzene	0.776	---	0.0193	mg/kg dry	50	0.771	ND	101	78-121%	---	---	
Bromochloromethane	0.707	---	0.0386	mg/kg dry	50	0.771	ND	92	78-125%	---	---	
Bromodichloromethane	0.737	---	0.0386	mg/kg dry	50	0.771	ND	96	75-127%	---	---	
Bromoform	0.642	---	0.0771	mg/kg dry	50	0.771	ND	83	67-132%	---	---	
Bromomethane	0.887	---	0.386	mg/kg dry	50	0.771	ND	115	53-143%	---	---	
2-Butanone (MEK)	1.41	---	0.386	mg/kg dry	50	1.54	ND	91	51-148%	---	---	
n-Butylbenzene	0.759	---	0.0386	mg/kg dry	50	0.771	ND	98	70-128%	---	---	
sec-Butylbenzene	0.767	---	0.0386	mg/kg dry	50	0.771	ND	99	73-126%	---	---	
tert-Butylbenzene	0.753	---	0.0386	mg/kg dry	50	0.771	ND	98	73-125%	---	---	
Carbon disulfide	0.732	---	0.386	mg/kg dry	50	0.771	ND	95	63-132%	---	---	
Carbon tetrachloride	0.752	---	0.0386	mg/kg dry	50	0.771	ND	98	70-135%	---	---	
Chlorobenzene	0.749	---	0.0193	mg/kg dry	50	0.771	ND	97	79-120%	---	---	
Chloroethane	0.552	---	0.386	mg/kg dry	50	0.771	ND	72	59-139%	---	---	
Chloroform	0.776	---	0.0386	mg/kg dry	50	0.771	ND	101	78-123%	---	---	
Chloromethane	0.547	---	0.193	mg/kg dry	50	0.771	ND	71	50-136%	---	---	Q-54e

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503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080785 - EPA 5035A							**Soil**					
Matrix Spike (0080785-MS1)			Prepared: 08/21/20 08:10		Analyzed: 08/26/20 20:45							
QC Source Sample: Non-SDG (A0H0606-11)												
2-Chlorotoluene	0.764	---	0.0386	mg/kg dry	50	0.771	ND	99	75-122%	---	---	
4-Chlorotoluene	0.773	---	0.0386	mg/kg dry	50	0.771	ND	100	72-124%	---	---	
Dibromochloromethane	0.677	---	0.0771	mg/kg dry	50	0.771	ND	88	74-126%	---	---	
1,2-Dibromo-3-chloropropane	0.655	---	0.193	mg/kg dry	50	0.771	ND	85	61-132%	---	---	
1,2-Dibromoethane (EDB)	0.774	---	0.0386	mg/kg dry	50	0.771	ND	100	78-122%	---	---	
Dibromomethane	0.739	---	0.0386	mg/kg dry	50	0.771	ND	96	78-125%	---	---	
1,2-Dichlorobenzene	0.785	---	0.0193	mg/kg dry	50	0.771	ND	102	78-121%	---	---	
1,3-Dichlorobenzene	0.778	---	0.0193	mg/kg dry	50	0.771	ND	101	77-121%	---	---	
1,4-Dichlorobenzene	0.727	---	0.0193	mg/kg dry	50	0.771	ND	94	75-120%	---	---	
Dichlorodifluoromethane	0.616	---	0.0771	mg/kg dry	50	0.771	ND	80	29-149%	---	---	
1,1-Dichloroethane	0.725	---	0.0193	mg/kg dry	50	0.771	ND	94	76-125%	---	---	
1,2-Dichloroethane (EDC)	0.740	---	0.0193	mg/kg dry	50	0.771	ND	96	73-128%	---	---	
1,1-Dichloroethene	0.756	---	0.0193	mg/kg dry	50	0.771	ND	98	70-131%	---	---	
cis-1,2-Dichloroethene	0.731	---	0.0193	mg/kg dry	50	0.771	ND	95	77-123%	---	---	
trans-1,2-Dichloroethene	0.718	---	0.0193	mg/kg dry	50	0.771	ND	93	74-125%	---	---	
1,2-Dichloropropane	0.723	---	0.0193	mg/kg dry	50	0.771	ND	94	76-123%	---	---	
1,3-Dichloropropane	0.771	---	0.0386	mg/kg dry	50	0.771	ND	100	77-121%	---	---	
2,2-Dichloropropane	0.751	---	0.0386	mg/kg dry	50	0.771	ND	97	67-133%	---	---	
1,1-Dichloropropene	0.762	---	0.0386	mg/kg dry	50	0.771	ND	99	76-125%	---	---	
cis-1,3-Dichloropropene	0.657	---	0.0386	mg/kg dry	50	0.771	ND	85	74-126%	---	---	
trans-1,3-Dichloropropene	0.671	---	0.0386	mg/kg dry	50	0.771	ND	87	71-130%	---	---	
Ethylbenzene	0.756	---	0.0193	mg/kg dry	50	0.771	ND	98	76-122%	---	---	
Hexachlorobutadiene	0.713	---	0.0771	mg/kg dry	50	0.771	ND	92	61-135%	---	---	
2-Hexanone	1.37	---	0.386	mg/kg dry	50	1.54	ND	89	53-145%	---	---	
Isopropylbenzene	0.771	---	0.0386	mg/kg dry	50	0.771	ND	100	68-134%	---	---	
4-Isopropyltoluene	0.782	---	0.0386	mg/kg dry	50	0.771	ND	101	73-127%	---	---	
Methylene chloride	0.734	---	0.386	mg/kg dry	50	0.771	ND	95	70-128%	---	---	
4-Methyl-2-pentanone (MiBK)	1.46	---	0.386	mg/kg dry	50	1.54	ND	94	65-135%	---	---	
Methyl tert-butyl ether (MTBE)	0.709	---	0.0386	mg/kg dry	50	0.771	ND	92	73-125%	---	---	
Naphthalene	0.696	---	0.0771	mg/kg dry	50	0.771	ND	90	62-129%	---	---	
n-Propylbenzene	0.736	---	0.0193	mg/kg dry	50	0.771	ND	95	73-125%	---	---	
Styrene	0.701	---	0.0386	mg/kg dry	50	0.771	ND	91	76-124%	---	---	
1,1,1,2-Tetrachloroethane	0.699	---	0.0193	mg/kg dry	50	0.771	ND	91	78-125%	---	---	

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ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080785 - EPA 5035A							**Soil**					
Matrix Spike (0080785-MS1)			Prepared: 08/21/20 08:10		Analyzed: 08/26/20 20:45							
QC Source Sample: Non-SDG (A0H0606-11)												
1,1,2,2-Tetrachloroethane	0.823	---	0.0386	mg/kg dry	50	0.771	ND	107	70-124%	---	---	
Tetrachloroethene (PCE)	0.732	---	0.0193	mg/kg dry	50	0.771	ND	95	73-128%	---	---	
Toluene	0.701	---	0.0386	mg/kg dry	50	0.771	ND	91	77-121%	---	---	
1,2,3-Trichlorobenzene	0.755	---	0.193	mg/kg dry	50	0.771	ND	98	66-130%	---	---	
1,2,4-Trichlorobenzene	0.765	---	0.193	mg/kg dry	50	0.771	ND	99	67-129%	---	---	
1,1,1-Trichloroethane	0.774	---	0.0193	mg/kg dry	50	0.771	ND	100	73-130%	---	---	
1,1,2-Trichloroethane	0.763	---	0.0193	mg/kg dry	50	0.771	ND	99	78-121%	---	---	
Trichloroethene (TCE)	0.760	---	0.0193	mg/kg dry	50	0.771	ND	99	77-123%	---	---	
Trichlorofluoromethane	1.19	---	0.0771	mg/kg dry	50	0.771	ND	**154**	**62-140%**	---	---	Q-54f
1,2,3-Trichloropropane	0.782	---	0.0386	mg/kg dry	50	0.771	ND	101	73-125%	---	---	
1,2,4-Trimethylbenzene	0.780	---	0.0386	mg/kg dry	50	0.771	ND	101	75-123%	---	---	
1,3,5-Trimethylbenzene	0.776	---	0.0386	mg/kg dry	50	0.771	ND	101	73-124%	---	---	
Vinyl chloride	0.782	---	0.0193	mg/kg dry	50	0.771	ND	101	56-135%	---	---	
m,p-Xylene	1.57	---	0.0386	mg/kg dry	50	1.54	ND	102	77-124%	---	---	
o-Xylene	0.774	---	0.0193	mg/kg dry	50	0.771	ND	100	77-123%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*99 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*99 %*		*79-120 %*			*"*				

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ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080740 - EPA 3510C (Acid Extraction)							**Water**					
Blank (0080740-BLK1)			Prepared: 08/25/20 15:05 Analyzed: 08/26/20 11:05									
EPA 8270E												
Acenaphthene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Acenaphthylene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Anthracene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Benz(a)anthracene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Benzo(a)pyrene	ND	---	0.0273	ug/L	1	---	---	---	---	---	---	
Benzo(b)fluoranthene	ND	---	0.0273	ug/L	1	---	---	---	---	---	---	
Benzo(k)fluoranthene	ND	---	0.0273	ug/L	1	---	---	---	---	---	---	
Benzo(g,h,i)perylene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Chrysene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Dibenz(a,h)anthracene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Fluoranthene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Fluorene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Indeno(1,2,3-cd)pyrene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
1-Methylnaphthalene	ND	---	0.0364	ug/L	1	---	---	---	---	---	---	
2-Methylnaphthalene	ND	---	0.0364	ug/L	1	---	---	---	---	---	---	
Naphthalene	ND	---	0.0364	ug/L	1	---	---	---	---	---	---	
Phenanthrene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Pyrene	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Dibenzofuran	ND	---	0.0182	ug/L	1	---	---	---	---	---	---	
Surr: Nitrobenzene-d5 (Surr)			*Recovery: 77 %*		*Limits: 44-120 %*			*Dilution: 1x*				
2-Fluorobiphenyl (Surr)			*62 %*		*44-120 %*			*"*				
Phenol-d6 (Surr)			*24 %*		*10-133 %*			*"*				
p-Terphenyl-d14 (Surr)			*82 %*		*50-134 %*			*"*				
2-Fluorophenol (Surr)			*40 %*		*19-120 %*			*"*				
2,4,6-Tribromophenol (Surr)			*75 %*		*43-140 %*			*"*				
LCS (0080740-BS1)			Prepared: 08/25/20 15:05 Analyzed: 08/26/20 11:42									
EPA 8270E												
Acenaphthene	2.80	---	0.0200	ug/L	1	4.00	---	70	47-122%	---	---	
Acenaphthylene	2.99	---	0.0200	ug/L	1	4.00	---	75	41-130%	---	---	
Anthracene	2.93	---	0.0200	ug/L	1	4.00	---	73	57-123%	---	---	
Benz(a)anthracene	3.03	---	0.0200	ug/L	1	4.00	---	76	58-125%	---	---	
Benzo(a)pyrene	2.92	---	0.0300	ug/L	1	4.00	---	73	54-128%	---	---	

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ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080740 - EPA 3510C (Acid Extraction)							**Water**					
LCS (0080740-BS1)			Prepared: 08/25/20 15:05		Analyzed: 08/26/20 11:42							
Benzo(b)fluoranthene	3.04	---	0.0300	ug/L	1	4.00	---	76	53-131%	---	---	
Benzo(k)fluoranthene	2.86	---	0.0300	ug/L	1	4.00	---	71	57-129%	---	---	
Benzo(g,h,i)perylene	3.13	---	0.0200	ug/L	1	4.00	---	78	50-134%	---	---	
Chrysene	2.86	---	0.0200	ug/L	1	4.00	---	71	59-123%	---	---	
Dibenz(a,h)anthracene	3.06	---	0.0200	ug/L	1	4.00	---	77	51-134%	---	---	
Fluoranthene	3.06	---	0.0200	ug/L	1	4.00	---	76	57-128%	---	---	
Fluorene	3.02	---	0.0200	ug/L	1	4.00	---	76	52-124%	---	---	
Indeno(1,2,3-cd)pyrene	2.96	---	0.0200	ug/L	1	4.00	---	74	52-134%	---	---	
1-Methylnaphthalene	2.80	---	0.0400	ug/L	1	4.00	---	70	41-120%	---	---	
2-Methylnaphthalene	2.82	---	0.0400	ug/L	1	4.00	---	71	40-121%	---	---	
Naphthalene	2.52	---	0.0400	ug/L	1	4.00	---	63	40-121%	---	---	
Phenanthrene	2.69	---	0.0200	ug/L	1	4.00	---	67	59-120%	---	---	
Pyrene	2.98	---	0.0200	ug/L	1	4.00	---	75	57-126%	---	---	
Dibenzofuran	2.89	---	0.0200	ug/L	1	4.00	---	72	53-120%	---	---	
Surr: Nitrobenzene-d5 (Surr)			*Recovery: 86 %*		*Limits: 44-120 %*				*Dilution: 1x*			
2-Fluorobiphenyl (Surr)			*66 %*		*44-120 %*				*"*			
Phenol-d6 (Surr)			*32 %*		*10-133 %*				*"*			
p-Terphenyl-d14 (Surr)			*80 %*		*50-134 %*				*"*			
2-Fluorophenol (Surr)			*47 %*		*19-120 %*				*"*			
2,4,6-Tribromophenol (Surr)			*89 %*		*43-140 %*				*"*			
LCS Dup (0080740-BSD1)			Prepared: 08/25/20 15:05		Analyzed: 08/26/20 12:19							**Q-19**
EPA 8270E												
Acenaphthene	2.75	---	0.0200	ug/L	1	4.00	---	69	47-122%	2	30%	
Acenaphthylene	2.97	---	0.0200	ug/L	1	4.00	---	74	41-130%	0.5	30%	
Anthracene	2.96	---	0.0200	ug/L	1	4.00	---	74	57-123%	1	30%	
Benz(a)anthracene	3.03	---	0.0200	ug/L	1	4.00	---	76	58-125%	0.04	30%	
Benzo(a)pyrene	2.95	---	0.0300	ug/L	1	4.00	---	74	54-128%	0.7	30%	
Benzo(b)fluoranthene	2.99	---	0.0300	ug/L	1	4.00	---	75	53-131%	2	30%	
Benzo(k)fluoranthene	2.86	---	0.0300	ug/L	1	4.00	---	71	57-129%	0.007	30%	
Benzo(g,h,i)perylene	3.11	---	0.0200	ug/L	1	4.00	---	78	50-134%	0.9	30%	
Chrysene	2.92	---	0.0200	ug/L	1	4.00	---	73	59-123%	2	30%	
Dibenz(a,h)anthracene	3.04	---	0.0200	ug/L	1	4.00	---	76	51-134%	0.7	30%	
Fluoranthene	3.19	---	0.0200	ug/L	1	4.00	---	80	57-128%	4	30%	

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6700 S.W. Sandburg Street
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503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080740 - EPA 3510C (Acid Extraction)							**Water**					
LCS Dup (0080740-BSD1)			Prepared: 08/25/20 15:05		Analyzed: 08/26/20 12:19							**Q-19**
Fluorene	2.97	---	0.0200	ug/L	1	4.00	---	74	52-124%	2	30%	
Indeno(1,2,3-cd)pyrene	3.00	---	0.0200	ug/L	1	4.00	---	75	52-134%	1	30%	
1-Methylnaphthalene	2.73	---	0.0400	ug/L	1	4.00	---	68	41-120%	3	30%	
2-Methylnaphthalene	2.74	---	0.0400	ug/L	1	4.00	---	68	40-121%	3	30%	
Naphthalene	2.45	---	0.0400	ug/L	1	4.00	---	61	40-121%	3	30%	
Phenanthrene	2.74	---	0.0200	ug/L	1	4.00	---	69	59-120%	2	30%	
Pyrene	3.09	---	0.0200	ug/L	1	4.00	---	77	57-126%	3	30%	
Dibenzofuran	2.81	---	0.0200	ug/L	1	4.00	---	70	53-120%	3	30%	
Surr: Nitrobenzene-d5 (Surr)			*Recovery: 81 %*		*Limits: 44-120 %*			*Dilution: 1x*				
2-Fluorobiphenyl (Surr)			*61 %*		*44-120 %*			*"*				
Phenol-d6 (Surr)			*26 %*		*10-133 %*			*"*				
p-Terphenyl-d14 (Surr)			*75 %*		*50-134 %*			*"*				
2-Fluorophenol (Surr)			*41 %*		*19-120 %*			*"*				
2,4,6-Tribromophenol (Surr)			*84 %*		*43-140 %*			*"*				

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12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0090057 - EPA 3546							**Soil**					
Blank (0090057-BLK1)			Prepared: 09/02/20 10:04		Analyzed: 09/02/20 17:12							
EPA 8270E												
Acenaphthene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Acenaphthylene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Anthracene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Benz(a)anthracene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Benzo(a)pyrene	ND	---	0.00375	mg/kg wet	1	---	---	---	---	---	---	
Benzo(b)fluoranthene	ND	---	0.00375	mg/kg wet	1	---	---	---	---	---	---	
Benzo(k)fluoranthene	ND	---	0.00375	mg/kg wet	1	---	---	---	---	---	---	
Benzo(g,h,i)perylene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Chrysene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Dibenz(a,h)anthracene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Fluoranthene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Fluorene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Indeno(1,2,3-cd)pyrene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
1-Methylnaphthalene	ND	---	0.00500	mg/kg wet	1	---	---	---	---	---	---	
2-Methylnaphthalene	ND	---	0.00500	mg/kg wet	1	---	---	---	---	---	---	
Naphthalene	ND	---	0.00500	mg/kg wet	1	---	---	---	---	---	---	
Phenanthrene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Pyrene	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Carbazole	ND	---	0.00375	mg/kg wet	1	---	---	---	---	---	---	
Dibenzofuran	ND	---	0.00250	mg/kg wet	1	---	---	---	---	---	---	
Surr: Nitrobenzene-d5 (Surr)			*Recovery: 78 %*		*Limits: 37-122 %*		*Dilution: 1x*					
2-Fluorobiphenyl (Surr)			*65 %*		*44-120 %*		*"*					
Phenol-d6 (Surr)			*76 %*		*33-122 %*		*"*					
p-Terphenyl-d14 (Surr)			*79 %*		*54-127 %*		*"*					
2-Fluorophenol (Surr)			*64 %*		*35-120 %*		*"*					
2,4,6-Tribromophenol (Surr)			*70 %*		*39-132 %*		*"*					Q-41
LCS (0090057-BS1)			Prepared: 09/02/20 10:04		Analyzed: 09/02/20 17:49							**Q-18**
EPA 8270E												
Acenaphthene	0.359	---	0.00267	mg/kg wet	1	0.533	---	67	40-123%	---	---	
Acenaphthylene	0.386	---	0.00267	mg/kg wet	1	0.533	---	72	32-132%	---	---	
Anthracene	0.395	---	0.00267	mg/kg wet	1	0.533	---	74	47-123%	---	---	
Benz(a)anthracene	0.407	---	0.00267	mg/kg wet	1	0.533	---	76	49-126%	---	---	

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ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0090057 - EPA 3546							**Soil**					
LCS (0090057-BS1)			Prepared: 09/02/20 10:04		Analyzed: 09/02/20 17:49							**Q-18**
Benzo(a)pyrene	0.407	---	0.00400	mg/kg wet	1	0.533	---	76	45-129%	---	---	
Benzo(b)fluoranthene	0.397	---	0.00400	mg/kg wet	1	0.533	---	74	45-132%	---	---	
Benzo(k)fluoranthene	0.384	---	0.00400	mg/kg wet	1	0.533	---	72	47-132%	---	---	
Benzo(g,h,i)perylene	0.415	---	0.00267	mg/kg wet	1	0.533	---	78	43-134%	---	---	
Chrysene	0.393	---	0.00267	mg/kg wet	1	0.533	---	74	50-124%	---	---	
Dibenz(a,h)anthracene	0.407	---	0.00267	mg/kg wet	1	0.533	---	76	45-134%	---	---	
Fluoranthene	0.414	---	0.00267	mg/kg wet	1	0.533	---	78	50-127%	---	---	
Fluorene	0.376	---	0.00267	mg/kg wet	1	0.533	---	71	43-125%	---	---	
Indeno(1,2,3-cd)pyrene	0.402	---	0.00267	mg/kg wet	1	0.533	---	75	45-133%	---	---	
1-Methylnaphthalene	0.378	---	0.00533	mg/kg wet	1	0.533	---	71	40-120%	---	---	
2-Methylnaphthalene	0.380	---	0.00533	mg/kg wet	1	0.533	---	71	38-122%	---	---	
Naphthalene	0.332	---	0.00533	mg/kg wet	1	0.533	---	62	35-123%	---	---	
Phenanthrene	0.359	---	0.00267	mg/kg wet	1	0.533	---	67	50-121%	---	---	
Pyrene	0.409	---	0.00267	mg/kg wet	1	0.533	---	77	47-127%	---	---	
Carbazole	0.390	---	0.00400	mg/kg wet	1	0.533	---	73	50-123%	---	---	
Dibenzofuran	0.365	---	0.00267	mg/kg wet	1	0.533	---	68	44-120%	---	---	
Surr: Nitrobenzene-d5 (Surr)			*Recovery: 75 %*		*Limits: 37-122 %*				*Dilution: 1x*			
2-Fluorobiphenyl (Surr)			*63 %*		*44-120 %*				*"*			
Phenol-d6 (Surr)			*76 %*		*33-122 %*				*"*			
p-Terphenyl-d14 (Surr)			*77 %*		*54-127 %*				*"*			
2-Fluorophenol (Surr)			*67 %*		*35-120 %*				*"*			
2,4,6-Tribromophenol (Surr)			*89 %*		*39-132 %*				*"*			Q-41
Duplicate (0090057-DUP1)			Prepared: 09/02/20 10:04		Analyzed: 09/02/20 22:04							
QC Source Sample: Non-SDG (A0H0606-01RE1)												
Acenaphthene	ND	---	0.00326	mg/kg dry	1	---	ND	---	---	---	30%	
Acenaphthylene	ND	---	0.00326	mg/kg dry	1	---	ND	---	---	---	30%	
Anthracene	ND	---	0.00326	mg/kg dry	1	---	ND	---	---	---	30%	
Benz(a)anthracene	ND	---	0.00326	mg/kg dry	1	---	ND	---	---	---	30%	
Benzo(a)pyrene	ND	---	0.00489	mg/kg dry	1	---	ND	---	---	---	30%	
Benzo(b)fluoranthene	ND	---	0.00489	mg/kg dry	1	---	ND	---	---	---	30%	
Benzo(k)fluoranthene	ND	---	0.00489	mg/kg dry	1	---	ND	---	---	---	30%	
Benzo(g,h,i)perylene	ND	---	0.00326	mg/kg dry	1	---	ND	---	---	---	30%	
Chrysene	ND	---	0.00326	mg/kg dry	1	---	ND	---	---	---	30%	

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ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Semivolatile Organic Compounds by EPA 8270E

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0090057 - EPA 3546							**Soil**					
Duplicate (0090057-DUP1)			Prepared: 09/02/20 10:04		Analyzed: 09/02/20 22:04							
QC Source Sample: Non-SDG (A0H0606-01RE1)												
Dibenz(a,h)anthracene	ND	---	0.00326	mg/kg dry	1	---	ND	---	---	---	30%	
Fluoranthene	ND	---	0.00326	mg/kg dry	1	---	ND	---	---	---	30%	
Fluorene	ND	---	0.00326	mg/kg dry	1	---	ND	---	---	---	30%	
Indeno(1,2,3-cd)pyrene	ND	---	0.00326	mg/kg dry	1	---	ND	---	---	---	30%	
1-Methylnaphthalene	ND	---	0.00651	mg/kg dry	1	---	ND	---	---	---	30%	
2-Methylnaphthalene	ND	---	0.00651	mg/kg dry	1	---	ND	---	---	---	30%	
Naphthalene	ND	---	0.00651	mg/kg dry	1	---	ND	---	---	---	30%	
Phenanthrene	ND	---	0.00326	mg/kg dry	1	---	ND	---	---	---	30%	
Pyrene	ND	---	0.00326	mg/kg dry	1	---	ND	---	---	---	30%	
Dibenzofuran	ND	---	0.00326	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: Nitrobenzene-d5 (Surr)			*Recovery: 45 %*		*Limits: 37-122 %*		*Dilution: 1x*					
2-Fluorobiphenyl (Surr)			*44 %*		*44-120 %*		*"*					
Phenol-d6 (Surr)			*43 %*		*33-122 %*		*"*					
p-Terphenyl-d14 (Surr)			*58 %*		*54-127 %*		*"*					
2-Fluorophenol (Surr)			*43 %*		*35-120 %*		*"*					
2,4,6-Tribromophenol (Surr)			*62 %*		*39-132 %*		*"*					Q-41

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Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0090128 - EPA 3015A												**Water**
Blank (0090128-BLK1)			Prepared: 09/03/20 13:40		Analyzed: 09/03/20 16:37							
EPA 6020A												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
LCS (0090128-BS1)			Prepared: 09/03/20 13:40		Analyzed: 09/03/20 16:41							
EPA 6020A												
Lead	58.0	---	0.200	ug/L	1	55.6	---	104	80-120%	---	---	
Duplicate (0090128-DUP1)			Prepared: 09/03/20 13:40		Analyzed: 09/03/20 17:24							
QC Source Sample: Non-SDG (A0I0064-03)												
Lead	ND	---	0.200	ug/L	1	---	0.140	---	---	***	20%	
Matrix Spike (0090128-MS1)			Prepared: 09/03/20 13:40		Analyzed: 09/03/20 17:28							
QC Source Sample: Non-SDG (A0I0064-03)												
EPA 6020A												
Lead	57.3	---	0.200	ug/L	1	55.6	0.140	103	75-125%	---	---	

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QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0090151 - EPA 3051A							**Soil**					
Blank (0090151-BLK1)			Prepared: 09/04/20 09:12 Analyzed: 09/04/20 15:31									
EPA 6020A												
Lead	ND	---	0.192	mg/kg wet	10	---	---	---	---	---	---	
LCS (0090151-BS1)			Prepared: 09/04/20 09:12 Analyzed: 09/04/20 15:35									
EPA 6020A												
Lead	50.9	---	0.200	mg/kg wet	10	50.0	---	102	80-120%	---	---	
Duplicate (0090151-DUP1)			Prepared: 09/04/20 09:12 Analyzed: 09/04/20 16:02									
QC Source Sample: Non-SDG (A0H0606-10)												
Lead	**1.42**	---	0.239	mg/kg dry	10	---	2.01	---	---	**34**	**20%**	Q-04
Matrix Spike (0090151-MS1)			Prepared: 09/04/20 09:12 Analyzed: 09/04/20 16:06									
QC Source Sample: Non-SDG (A0H0606-10)												
EPA 6020A												
Lead	58.3	---	0.236	mg/kg dry	10	59.0	2.01	95	75-125%	---	---	

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QUALITY CONTROL (QC) SAMPLE RESULTS

Dissolved Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080712 - Matrix Matched Direct Inject								**Water**				
Blank (0080712-BLK1)			Prepared: 08/25/20 07:08		Analyzed: 08/26/20 14:39							
EPA 6020A (Diss)												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
LCS (0080712-BS1)			Prepared: 08/25/20 07:08		Analyzed: 08/26/20 14:44							
EPA 6020A (Diss)												
Lead	55.5	---	0.200	ug/L	1	55.6	---	100	80-120%	---	---	
Duplicate (0080712-DUP1)			Prepared: 08/25/20 07:08		Analyzed: 08/26/20 15:08							
QC Source Sample: Non-SDG (A0H0481-02)												
Lead	ND	---	0.200	ug/L	1	---	ND	---	---	---	20%	
Matrix Spike (0080712-MS1)			Prepared: 08/25/20 07:08		Analyzed: 08/26/20 15:13							
QC Source Sample: Non-SDG (A0H0481-02)												
EPA 6020A (Diss)												
Lead	53.4	---	0.200	ug/L	1	55.6	ND	96	75-125%	---	---	

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QUALITY CONTROL (QC) SAMPLE RESULTS

Dissolved Metals by EPA 6020A (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080718 - EPA 3015A - Dissolved							**Water**					
Blank (0080718-BLK1)			Prepared: 08/25/20 08:35		Analyzed: 08/26/20 16:40							
EPA 6020A (Diss)												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
LCS (0080718-BS1)			Prepared: 08/25/20 08:35		Analyzed: 08/26/20 16:45							
EPA 6020A (Diss)												
Lead	57.1	---	0.200	ug/L	1	55.6	---	103	80-120%	---	---	
Duplicate (0080718-DUP1)			Prepared: 08/25/20 08:35		Analyzed: 08/26/20 16:59							
QC Source Sample: GW-SB13 (A0H0608-08)												
EPA 6020A (Diss)												
Lead	ND	---	0.200	ug/L	1	---	0.163	---	---	***	20%	
Matrix Spike (0080718-MS1)			Prepared: 08/25/20 08:35		Analyzed: 08/26/20 17:04							
QC Source Sample: GW-SB13 (A0H0608-08)												
EPA 6020A (Diss)												
Lead	56.6	---	0.200	ug/L	1	55.6	0.163	102	75-125%	---	---	

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6700 S.W. Sandburg Street
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503-718-2323
ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080756 - Total Solids (Dry Weight)							**Soil**					
Duplicate (0080756-DUP1)			Prepared: 08/26/20 09:38		Analyzed: 08/27/20 08:20							
QC Source Sample: Non-SDG (A0H0581-01)												
% Solids	**81.3**	---	1.00	%	1	---	81.2	---	---	0.1	10%	
Duplicate (0080756-DUP2)			Prepared: 08/26/20 09:38		Analyzed: 08/27/20 08:20							
QC Source Sample: Non-SDG (A0H0596-01)												
% Solids	**81.7**	---	1.00	%	1	---	83.3	---	---	2	10%	
Duplicate (0080756-DUP3)			Prepared: 08/26/20 09:38		Analyzed: 08/27/20 08:20							
QC Source Sample: Non-SDG (A0H0596-11)												
% Solids	**97.8**	---	1.00	%	1	---	98.1	---	---	0.3	10%	
Duplicate (0080756-DUP4)			Prepared: 08/26/20 09:38		Analyzed: 08/27/20 08:20							
QC Source Sample: Non-SDG (A0H0600-01)												
% Solids	**93.8**	---	1.00	%	1	---	93.8	---	---	0.09	10%	
Duplicate (0080756-DUP5)			Prepared: 08/26/20 09:38		Analyzed: 08/27/20 08:20							
QC Source Sample: Non-SDG (A0H0606-01)												
% Solids	**79.7**	---	1.00	%	1	---	80.0	---	---	0.3	10%	
Duplicate (0080756-DUP6)			Prepared: 08/26/20 09:38		Analyzed: 08/27/20 08:20							
QC Source Sample: Non-SDG (A0H0606-10)												
% Solids	**90.2**	---	1.00	%	1	---	88.6	---	---	2	10%	
Duplicate (0080756-DUP7)			Prepared: 08/26/20 09:38		Analyzed: 08/27/20 08:20							
QC Source Sample: Non-SDG (A0H0621-01)												
% Solids	**76.8**	---	1.00	%	1	---	77.0	---	---	0.2	10%	
Duplicate (0080756-DUP8)			Prepared: 08/26/20 09:38		Analyzed: 08/27/20 08:20							
QC Source Sample: Non-SDG (A0H0648-01)												
% Solids	**74.8**	---	1.00	%	1	---	74.7	---	---	0.2	10%	

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White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 0080756 - Total Solids (Dry Weight)							**Soil**					
Duplicate (0080756-DUP9)			Prepared: 08/26/20 19:21		Analyzed: 08/27/20 08:20							
QC Source Sample: Non-SDG (A0H0682-01)												
% Solids	**84.1**	---	1.00	%	1	---	84.4	---	---	0.4	10%	

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

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SAMPLE PREPARATION INFORMATION

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Prep: EPA 3510C (Fuels/Acid Ext.)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 0080829							
A0H0608-05	Water	NWTPH-Dx LL	08/19/20 12:00	08/27/20 15:05	980mL/2mL	1000mL/2mL	1.02
A0H0608-07	Water	NWTPH-Dx LL	08/19/20 13:20	08/27/20 15:05	900mL/2mL	1000mL/2mL	1.11
A0H0608-08RE1	Water	NWTPH-Dx LL	08/19/20 14:30	08/27/20 15:05	980mL/2mL	1000mL/2mL	1.02
A0H0608-09	Water	NWTPH-Dx LL	08/19/20 11:45	08/27/20 15:05	1050mL/2mL	1000mL/2mL	0.95
Batch: 0080867							
A0H0608-06RE1	Water	NWTPH-Dx LL	08/19/20 13:15	08/28/20 11:04	860mL/2mL	1000mL/2mL	1.16

Prep: EPA 3546 (Fuels)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 0080855							
A0H0608-01	Soil	NWTPH-Dx	08/19/20 10:30	08/28/20 09:08	10.92g/5mL	10g/5mL	0.92
A0H0608-02RE1	Soil	NWTPH-Dx	08/19/20 12:30	08/28/20 09:08	10.35g/5mL	10g/5mL	0.97
A0H0608-03RE1	Soil	NWTPH-Dx	08/19/20 12:35	08/28/20 09:08	10.42g/5mL	10g/5mL	0.96
A0H0608-04RE1	Soil	NWTPH-Dx	08/19/20 14:05	08/28/20 09:08	10.55g/5mL	10g/5mL	0.95

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Prep: EPA 5030B

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 0080716							
A0H0608-05	Water	NWTPH-Gx (MS)	08/19/20 12:00	08/25/20 10:02	5mL/5mL	5mL/5mL	1.00
A0H0608-08	Water	NWTPH-Gx (MS)	08/19/20 14:30	08/25/20 10:02	5mL/5mL	5mL/5mL	1.00
A0H0608-09	Water	NWTPH-Gx (MS)	08/19/20 11:45	08/25/20 10:02	5mL/5mL	5mL/5mL	1.00
Batch: 0080754							
A0H0608-06RE1	Water	NWTPH-Gx (MS)	08/19/20 13:15	08/26/20 10:02	5mL/5mL	5mL/5mL	1.00
A0H0608-07RE1	Water	NWTPH-Gx (MS)	08/19/20 13:20	08/26/20 10:02	5mL/5mL	5mL/5mL	1.00

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 0080785							
A0H0608-01	Soil	NWTPH-Gx (MS)	08/19/20 10:30	08/19/20 10:30	7.52g/5mL	5g/5mL	0.67
A0H0608-02	Soil	NWTPH-Gx (MS)	08/19/20 12:30	08/19/20 12:30	7.7g/5mL	5g/5mL	0.65
A0H0608-03	Soil	NWTPH-Gx (MS)	08/19/20 12:35	08/19/20 12:35	6.05g/5mL	5g/5mL	0.83
A0H0608-04	Soil	NWTPH-Gx (MS)	08/19/20 14:05	08/19/20 14:05	5.37g/5mL	5g/5mL	0.93

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12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

SAMPLE PREPARATION INFORMATION

Volatile Organic Compounds by EPA 8260D

Prep: EPA 5030B

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 0080716							
A0H0608-05	Water	EPA 8260D	08/19/20 12:00	08/25/20 10:02	5mL/5mL	5mL/5mL	1.00
A0H0608-08	Water	EPA 8260D	08/19/20 14:30	08/25/20 10:02	5mL/5mL	5mL/5mL	1.00
A0H0608-09	Water	EPA 8260D	08/19/20 11:45	08/25/20 10:02	5mL/5mL	5mL/5mL	1.00
A0H0608-10	Water	EPA 8260D	08/19/20 00:00	08/25/20 10:02	5mL/5mL	5mL/5mL	1.00
Batch: 0080754							
A0H0608-06RE1	Water	EPA 8260D	08/19/20 13:15	08/26/20 10:02	5mL/5mL	5mL/5mL	1.00
A0H0608-07RE1	Water	EPA 8260D	08/19/20 13:20	08/26/20 10:02	5mL/5mL	5mL/5mL	1.00

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 0080785							
A0H0608-01	Soil	5035A/8260D	08/19/20 10:30	08/19/20 10:30	7.52g/5mL	5g/5mL	0.67
A0H0608-02	Soil	5035A/8260D	08/19/20 12:30	08/19/20 12:30	7.7g/5mL	5g/5mL	0.65
A0H0608-03	Soil	5035A/8260D	08/19/20 12:35	08/19/20 12:35	6.05g/5mL	5g/5mL	0.83
A0H0608-04	Soil	5035A/8260D	08/19/20 14:05	08/19/20 14:05	5.37g/5mL	5g/5mL	0.93

Semivolatile Organic Compounds by EPA 8270E

Prep: EPA 3510C (Acid Extraction)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 0080740							
A0H0608-05RE2	Water	EPA 8270E	08/19/20 12:00	08/25/20 15:05	990mL/1mL	1000mL/1mL	1.01
A0H0608-06	Water	EPA 8270E	08/19/20 13:15	08/25/20 15:05	970mL/1mL	1000mL/1mL	1.03
A0H0608-07	Water	EPA 8270E	08/19/20 13:20	08/25/20 15:05	1000mL/1mL	1000mL/1mL	1.00
A0H0608-08	Water	EPA 8270E	08/19/20 14:30	08/25/20 15:05	1000mL/1mL	1000mL/1mL	1.00
A0H0608-08RE1	Water	EPA 8270E	08/19/20 14:30	08/25/20 15:05	1000mL/1mL	1000mL/1mL	1.00
A0H0608-09	Water	EPA 8270E	08/19/20 11:45	08/25/20 15:05	1020mL/1mL	1000mL/1mL	0.98

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 0090057							
A0H0608-01RE2	Soil	EPA 8270E	08/19/20 10:30	09/02/20 10:04	15.43g/2mL	15g/2mL	0.97
A0H0608-02	Soil	EPA 8270E	08/19/20 12:30	09/02/20 10:04	15.25g/2mL	15g/2mL	0.98
A0H0608-03	Soil	EPA 8270E	08/19/20 12:35	09/02/20 10:04	15.38g/2mL	15g/2mL	0.98
A0H0608-04RE1	Soil	EPA 8270E	08/19/20 14:05	09/02/20 10:04	15.82g/2mL	15g/2mL	0.95

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12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

SAMPLE PREPARATION INFORMATION

Total Metals by EPA 6020A (ICPMS)

Prep: EPA 3015A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 0090128							
A0H0608-05	Water	EPA 6020A	08/19/20 12:00	09/03/20 13:40	5mL/50mL	45mL/50mL	9.00
A0H0608-06	Water	EPA 6020A	08/19/20 13:15	09/03/20 13:40	5mL/50mL	45mL/50mL	9.00
A0H0608-07	Water	EPA 6020A	08/19/20 13:20	09/03/20 13:40	5mL/50mL	45mL/50mL	9.00
A0H0608-08	Water	EPA 6020A	08/19/20 14:30	09/03/20 13:40	5mL/50mL	45mL/50mL	9.00
A0H0608-09	Water	EPA 6020A	08/19/20 11:45	09/03/20 13:40	45mL/50mL	45mL/50mL	1.00

Prep: EPA 3051A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 0090151							
A0H0608-01	Soil	EPA 6020A	08/19/20 10:30	09/04/20 09:12	0.472g/50mL	0.5g/50mL	1.06
A0H0608-02	Soil	EPA 6020A	08/19/20 12:30	09/04/20 09:12	0.496g/50mL	0.5g/50mL	1.01
A0H0608-03	Soil	EPA 6020A	08/19/20 12:35	09/04/20 09:12	0.478g/50mL	0.5g/50mL	1.05
A0H0608-04	Soil	EPA 6020A	08/19/20 14:05	09/04/20 09:12	0.484g/50mL	0.5g/50mL	1.03

Dissolved Metals by EPA 6020A (ICPMS)

Prep: EPA 3015A - Dissolved

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 0080718							
A0H0608-08	Water	EPA 6020A (Diss)	08/19/20 14:30	08/25/20 08:35	45mL/50mL	45mL/50mL	1.00

Prep: Matrix Matched Direct Inject

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 0080712							
A0H0608-05	Water	EPA 6020A (Diss)	08/19/20 12:00	08/25/20 07:08	45mL/50mL	45mL/50mL	1.00
A0H0608-06	Water	EPA 6020A (Diss)	08/19/20 13:15	08/25/20 07:08	45mL/50mL	45mL/50mL	1.00
A0H0608-07	Water	EPA 6020A (Diss)	08/19/20 13:20	08/25/20 07:08	45mL/50mL	45mL/50mL	1.00
A0H0608-09	Water	EPA 6020A (Diss)	08/19/20 11:45	08/25/20 07:08	45mL/50mL	45mL/50mL	1.00

Percent Dry Weight

Prep: Total Solids (Dry Weight)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 0080756							
A0H0608-01	Soil	EPA 8000D	08/19/20 10:30	08/26/20 09:38			NA
A0H0608-02	Soil	EPA 8000D	08/19/20 12:30	08/26/20 09:38			NA

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SAMPLE PREPARATION INFORMATION

Percent Dry Weight

Prep: Total Solids (Dry Weight)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A0H0608-03	Soil	EPA 8000D	08/19/20 12:35	08/26/20 09:38			NA
A0H0608-04	Soil	EPA 8000D	08/19/20 14:05	08/26/20 09:38			NA

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QUALIFIER DEFINITIONS

Client Sample and Quality Control (QC) Sample Qualifier Definitions:

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AMEND	Result for this sample or analyte has been amended from the original report. See Case Narrative for details.
EST	Result reported as an Estimated Value. Results Estimated. Initial Calibration Verification (ICV) failed low.
F-03	The result for this hydrocarbon range is elevated due to the presence of individual analyte peaks in the quantitation range that are not representative of the fuel pattern reported.
F-09	Results in the Gasoline Range are primarily due to overlap from a heavier fuel hydrocarbon product.
F-11	The hydrocarbon pattern indicates possible weathered diesel, mineral oil, or a contribution from a related component.
M-02	Due to matrix interference, this analyte cannot be accurately quantified. The reported result is estimated.
Q-01	Spike recovery and/or RPD is outside acceptance limits.
Q-04	Spike recovery and/or RPD is outside control limits due to a non-homogeneous sample matrix.
Q-18	Matrix Spike results for this extraction batch are not reported due to the high dilution necessary for analysis of the source sample.
Q-19	Blank Spike Duplicate (BSD) sample analyzed in place of Matrix Spike/Duplicate samples due to limited sample amount available for analysis.
Q-41	Estimated Results. Recovery of Continuing Calibration Verification sample above upper control limit for this analyte. Results are likely biased high.
Q-54	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260/8270 by +20%. The results are reported as Estimated Values.
Q-54a	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260/8270 by +25%. The results are reported as Estimated Values.
Q-54b	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260/8270 by +34%. The results are reported as Estimated Values.
Q-54c	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260/8270 by +8%. The results are reported as Estimated Values.
Q-54d	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260/8270 by -1%. The results are reported as Estimated Values.
Q-54e	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260/8270 by -12%. The results are reported as Estimated Values.
Q-54f	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260/8270 by -28%. The results are reported as Estimated Values.
Q-54g	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260/8270 by -48%. The results are reported as Estimated Values.
Q-54h	Daily Continuing Calibration Verification recovery for this analyte failed the +/-20% criteria listed in EPA method 8260/8270 by -8%. The results are reported as Estimated Values.

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Q-55 Daily CCV/LCS recovery for this analyte was below the +/-20% criteria listed in EPA 8260, however there is adequate sensitivity to ensure detection at the reporting level.

Q-56 Daily CCV/LCS recovery for this analyte was above the +/-20% criteria listed in EPA 8260

R-02 The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.

S-01 Surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference.

S-05 Surrogate recovery is estimated due to sample dilution required for high analyte concentration and/or matrix interference.

S-06 Surrogate recovery is outside of established control limits.

S-08 TPH-Gx Surrogate recovery cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract. See 8260 results for accurate Surrogate recovery.

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REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DET Analyte DETECTED at or above the detection or reporting limit.

ND Analyte NOT DETECTED at or above the detection or reporting limit.

NR Result Not Reported

RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

Detection Limits: Limit of Detection (LOD)

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).
If no value is listed ('-----'), then the data has not been evaluated below the Reporting Limit.

Reporting Limits: Limit of Quantitation (LOQ)

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

Reporting Conventions:

Basis: Results for soil samples are generally reported on a 100% dry weight basis.
The Result Basis is listed following the units as " dry", " wet", or " " (blank) designation.

" dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")
See Percent Solids section for details of dry weight analysis.

" wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.

" " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

QC Source:

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) may not be included in this report. Please request a Full QC report if this data is required.

Miscellaneous Notes:

" --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

" *** " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to ½ the Reporting Limit (RL).
-For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.
-For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.
For further details, please request a copy of this document.

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ORELAP ID: **OR100062**

Alpine Environmental Consultants	Project: **Talent Gateway SI**	
12208 Antioch Road	Project Number: **AEC2020-19**	**Report ID:**
White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

Soil and Sediment Samples:

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

Sampling and Preservation Notes:

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

Apex Laboratories maintains detailed records on sample receipt, including client label verification, cooler temperature, sample preservation, hold time compliance and field filtration. Data is qualified as necessary, and the lack of qualification indicates compliance with required parameters.

Apex Laboratories

Darwin Thomas, Business Development Director

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Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

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LABORATORY ACCREDITATION INFORMATION

ORELAP Certification ID: OR100062 (Primary Accreditation) - EPA ID: OR01039

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation

All reported analytes are included in Apex Laboratories' current ORELAP scope.

Secondary Accreditations

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

Subcontract Laboratory Accreditations

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.
Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

Field Testing Parameters

Results for Field Tested data are provded by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

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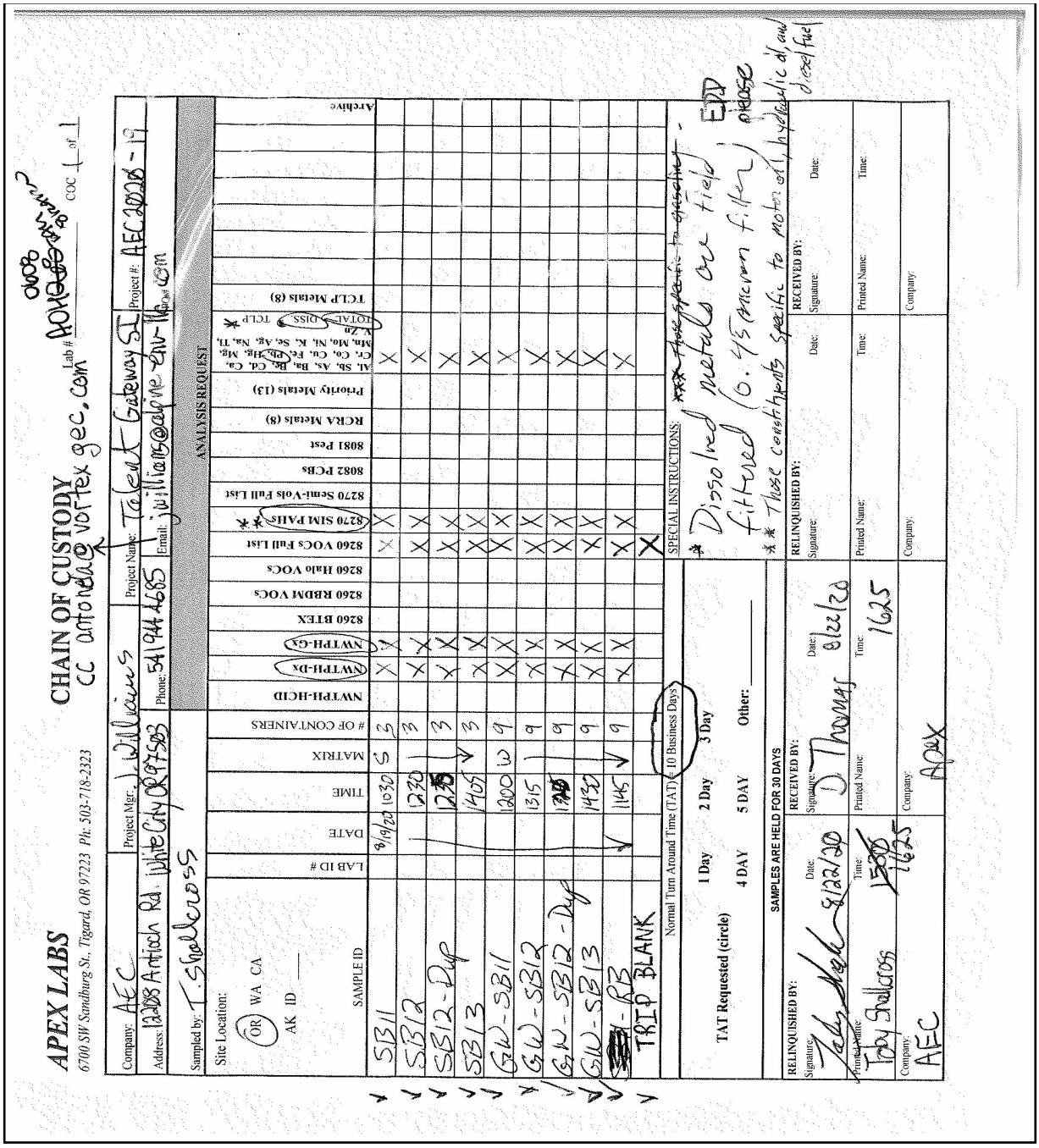

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APEX LABS COOLER RECEIPT FORM

Client: Alpine Env Element WO#: A0 H0608

Project/Project #: Talent Gateway SI / AEC2020-19

Delivery Info:

Date/time received: 8/22/20 @ 1625 By: D. Thomas

Delivered by: Apex___ Client X ESS___ FedEx___ UPS___ Swift___ Senvoy___ SDS___ Other___

Cooler Inspection Date/time inspected: 8/22/20 @ 16:25 By: DT

Chain of Custody included? Yes X No ___ Custody seals? Yes___ No X

Signed/dated by client? Yes X No ___

Signed/dated by Apex? Yes X No ___

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	2.4	3.6	1.6	1.4	0.5	2.8	1.7
Received on ice? (Y/N)	Y	Y	Y	Y	Y	Y	Y
Temp. blanks? (Y/N)	Y	Y	Y	Y	Y	Y	Y
~~Ice type: (Gel/Real/Other)~~	Real	Real	Real	Real	Real	Real	Real
Condition:	Good						

Cooler out of temp? (Y/N) Possible reason why:

If some coolers are in temp and some out, were green dots applied to out of temperature samples? Yes/No/NA

Out of temperature samples form initiated? Yes/No/NA

Samples Inspection: Date/time inspected: 8/24/20 @ 16:45 By: TAM

All samples intact? Yes___ No ___ Comments:

Bottle labels/COCs agree? Yes ___ No X Comments: 1 nitric ~~on non field filter~~ TAM 8/24/20

4/2 GW-SB12-DUP nitric poly's read GW-SB12 notified by T

COC/container discrepancies form initiated? Yes ___ No X

Containers/volumes received appropriate for analysis? Yes X No ___ Comments:

Do VOA vials have visible headspace? Yes ___ No X NA ___

Comments: 3/3 GW-SB11, GW-SB12, GW-SB12-DUP, and GW-SB13 have seal

Water samples: pH checked: Yes X No___ NA___ pH appropriate? Yes___ No X NA___

Comments: 1/2 HCL amber GW-SB11 and GW-SB12-DUP, 2/2 HCL amber GW-SB12 pH=7

Additional information: TB# 2388, 2389, and 2364

Labeled by: ___ Witness: ___ Cooler Inspected by: ___ See Project Contact Form: Y

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White City, OR 97503	Project Manager: **Jonathan Williams**	**A0H0608 - 02 15 21 0607**

APEX LABS COOLER RECEIPT FORM

Client: ALPINE ENV Element WO#: A0H0608

Project/Project #: 3/24 AEC Talent Gateway SI / AEC2020-19

Delivery Info:

Date/time received: 8/22/20 @ 1625 By: D. THOMAS

Delivered by: Apex____Client X ESS____FedEx____UPS____Swift__Senvoy ___SDS__Other_____

Cooler Inspection Date/time inspected: 8/22/20 @ 16:25 By: DT

Chain of Custody included? Yes X No ___ Custody seals? Yes_____ No X

Signed/dated by client? Yes X No ___

Signed/dated by Apex? Yes X No ___

	Cooler #~~1~~8	Cooler #~~2~~9	Cooler #~~3~~10	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	1.3	-0.1	1.4				
Received on ice? (Y/N)	Y	Y	Y				
Temp. blanks? (Y/N)	Y	Y	Y				
~~Ice type: (Gel/Real/Other)~~	Real	Real	Real				
Condition:	Good						

Cooler out of temp? (Y/N) Possible reason why: _____

If some coolers are in temp and some out, were green dots applied to out of temperature samples? Yes/No/NA

Out of temperature samples form initiated? Yes/No/NA

Samples Inspection: Date/time inspected: _____ @ _____ By: _____

All samples intact? Yes ___ No ___ Comments: _____

Bottle labels/COCs agree? Yes ___ No ___ Comments: _____

COC/container discrepancies form initiated? Yes ___ No ___

Containers/volumes received appropriate for analysis? Yes ___ No ___ Comments: _____

Do VOA vials have visible headspace? Yes ___ No ___ NA ___

Comments _____

Water samples: pH checked: Yes___No___NA___ pH appropriate? Yes___No___NA____

Comments: _____

Additional information: _____

Labeled by: TM Witness: CM Cooler Inspected by: TM See Project Contact Form: Y

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