UST Decommissioning and Cleanup Report

Former Main Street Texaco
135 Main Street, Klamath Falls, Oregon 97601
HydroCon Project Number: 10044-004
Oregon DEQ LUST No. 18-17-0067

Prepared for:

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1.0 INTRODUCTION

HydroCon Environmental LLC (HydroCon) has prepared this Underground Storage Tank (UST) Decommissioning and Cleanup Report on behalf of Ed Staub & Sons Petroleum, Inc. (ES&S; the Client) to document the decommissioning of three (3) regulated USTs and three (3) discovered USTs at the former retail fuel facility located at 135 Main Street in Klamath Falls, Klamath County, Oregon (the Site; Figure 1). The Site is owned by ES&S. The Site was permitted to operate USTs under Department of Environmental Quality (DEQ) UST Facility Identification No. 1521. A historical release from the UST system was reported to the DEQ in 2017, and the Site was listed under UST Cleanup File No. 18-17-0067.

From March 1 to March 24, 2023, six (6) USTs were decommissioned by removal along with all associated pumps, turbines, product piping, vent lines, dispensers, and surface coverings and infrastructure. The decommissioning included the removal of two 6,000-gallon regulated USTs; one 4,000-gallon regulated UST; and three discovered USTs including two approximately 750-gallon USTs and one approximately 3,000-gallon UST. The discovered USTs were empty and no information was found regarding their historical use. All decommissioning activities were completed in accordance with DEQ decommissioning rules. The Site USTs were decommissioned by removal in preparation for construction of a new retail fuel station that will include the installation of new fuel USTs, pumps, piping, and infrastructure. The UST system details are shown on Figure 2 and Figure 3.

Following the removal of tanks and ancillary equipment, petroleum contaminated soils (PCS) were excavated from the subsurface in the vicinity of the former tank nest and beneath the former dispensers, pump islands, and drive lanes. This report focuses on the decommissioning of and cleanup related to the regulated USTs and retail fuel system.

The following sections summarize the UST decommissioning and subsequent cleanup activities performed at the Site between March 1 and March 24, 2023. At the time of this report, construction of the new fueling facility is ongoing.

2.0 BACKGROUND

This section summarizes the results of previous investigations and regional and local geology and hydrogeology.

2.1 Site Location

The subject property is comprised of two tax parcels totaling approximately 0.72 acres in size and is located at 135 Main Street in Klamath Falls, Oregon (Figure 2). The Site is located in the southwest quarter of the northeast quarter of Section 32, Township 38 South, Range 9 East of the Willamette Meridian, Klamath County, Oregon. The Klamath County Assessor identifies the Site parcels as Lots 06200 (northeast portion of Site) and 06300 (southwest portion of Site). The Site is bounded on the east-

southeast by Main Street, on the northeast by North 2nd Street, on the southwest by North 1st Street, and on the west-northwest by residential apartments (Figure 2).

2.2 Description of Property

The majority of the Site is paved with asphalt-concrete and Portland cement-concrete. The Site is accessed via driveways located along the west side of Main Street.

Historically, the Site included a retail fuel station and convenience store on the northern portion of the property and a drive-through car wash on the southern portion of the property. A parking area and associated drive lanes are located in the far northern and central portions of the property. A retaining wall is located along the western property boundary along with outcroppings of basaltic andesite bedrock on the west and northwest portion of the property. Prior to decommissioning, the fueling area consisted of a canopy covering three two-sided fuel dispensers on two fuel islands with four drive lanes. The retail fueling system was supplied by three petroleum-containing USTs, including:

- Two 6,000-gallon USTs containing unleaded gasoline; and
- One 4,000-gallon UST containing unleaded gasoline.

The USTs were single-wall steel construction equipped with cathodic protection and were located in a tank nest immediately southwest of the former pump islands. The product lines were Environ double-walled flexible non-metallic pipe. The retail dispensers were underlain by secondary containment. Site features are depicted on Figure 2.

In addition, during the decommissioning event, three empty USTs were discovered in the vicinity of the retail tank nest, including:

- One approximately 3,000-gallon empty UST; and
- Two approximately 750-gallon empty USTs.

Details regarding the historical use of these tanks were not found during the course of this scope of work. However, the tanks may have been used for surface water impoundment or as drain tanks. Upon discovery, the tanks were empty and appeared to be older (early 1970s or earlier). This decommissioning and cleanup report focuses primarily on the regulated fueling system and associated infrastructure only.

2.3 Site Background

The Site has been an active fueling station since at least 1971 when the two 6,000-gallon USTs were installed (the 4,000-gallon UST was installed in 1984), but was likely active prior to the 1970s. The Site is listed on the Oregon DEQ Leaking UST (LUST) Database, and is identified as “Main Street Texaco” (UST Cleanup File No. 18-17-0067). The Site was listed in the LUST Database on January 9, 2017, though the nature of how the release was discovered and reported were not reported. In 2015, a Phase

II Environmental Site Assessment (ESA) was completed at the Site by Environmental Technologies Group (ETG) of Eugene, Oregon. The ESA was completed for the Elizabeth A. Slade Trust and included the installation of three temporary direct-push explorations (borings B-1 through B-3) for the collection of soil and groundwater (borings B-1 and B-2 only) samples in the vicinity of the tank nest and dispenser islands. Explorations were installed using direct-push drilling to depths of 20 feet bgs (borings B-1 and B-2) and 10 feet bgs (boring B-3). Borings B-1 and B-2 were completed as temporary monitoring wells screened from 5 to 20 feet bgs for the collection of grab groundwater samples. A total of six (6) soil samples (two from each boring) and two (2) groundwater samples (from temporary wells B-1 and B-2) were collected for laboratory analysis during the investigation. Gasoline-range petroleum hydrocarbons (GRPH), benzene, toluene, ethylbenzene, total xylenes, naphthalene, and other related volatile organic compounds (VOCs) were detected in soil and groundwater at concentrations exceeding one or more generic DEQ Risk-Based Concentrations (RBCs) deemed potentially applicable to the Site. Impacts to soil were observed down to 13 feet bgs – in boring B-2, located just northeast of the UST complex. It is not clear if any further investigation or cleanup actions occurred at the Site following the 2015 Phase II ESA. Information regarding any other historical investigations or cleanup activities, if any, were not readily available for review during the preparation of this report. Historical boring locations are shown on Figure 3. Copies of the historical documents that HydroCon reviewed during the preparation of this report are included in Appendix A.

2.4 Local Geology and Hydrogeology

Locally, the geology of the Site and surrounding vicinity consists of lacustrine and alluvial basin-fill deposits associated with the current and ancestral Klamath Lake and Klamath River. Local bedrock in the vicinity of the Site includes Tertiary basaltic andesite (Tba; Pliocene and upper Miocene) and lacustrine mudstone (Tm; Pliocene and upper Miocene).

Based on the nearby well logs, the regional groundwater is present at variable depths. Based on experience at similar sites in the area, perched water is often encountered at the interface of the alluvium and bedrock. At the time of the 2015 Phase II ESA, groundwater was observed in two of the borings (B-1 and B-2) at depths between approximately 15 feet and 16 feet bgs. Groundwater flow direction is unknown, but can be inferred to flow generally southeast towards Lake Ewauna.

3.0 PERMITTING AND HEALTH AND SAFETY

3.1 Permits

Decommissioning/Change-in-Service Notices were submitted to the DEQ by ES&S prior to the commencement of field activities.

3.2 Health and Safety Plan

HydroCon prepared a Site-specific health and safety plan (HASP) to govern health and safety protocols

used during this investigation. Work was performed using Occupational Safety and Health Administration (OSHA) Level D work attire consisting of hard hats, safety glasses, protective gloves, and protective boots.

3.3 Underground Utility Locates

Prior to the commencement of subsurface activities, public utility notification was requested through the Oregon One Call service. Additionally, all underground utilities in the vicinity of the tank vault and construction/demolition area were deactivated prior to the start of work.

4.0 UST DECOMMISSIONING ACTIVITIES

This section provides a discussion of the procedures utilized and the compliance and confirmation soil sampling activities completed for the decommissioning of six USTs and associated infrastructure at the Site. The DEQ *UST Decommissioning Checklist and Site Assessment Reports* are included in Appendix B. Photographic documentation of the UST decommissioning activities is included in Appendix C.

4.1 UST Decommissioning

Between March 1 and March 15, 2023, the three USTs and associated fuel system infrastructure were decommissioned by removal. The decommissioning and supervision were completed by ES&S (DEQ Service Provider License #15766). Mr. Michael Whitson of HydroCon – a licensed DEQ Decommissioning Supervisor (License #27471) – provided additional oversight and collected compliance soil samples following decommissioning.

Prior to decommissioning, the USTs were emptied and the fill and access ports were uncovered by ES&S. Between March 1 and March 10, 2023, ES&S excavated to the tops of the USTs, exposed product piping, vapor recovery ports, fill ports and turbine sumps, and cut and drained product lines residing within the tank nest. ES&S vented the tanks for cleaning and triple-rinsing of each tank. Once the USTs were inerted and cleaned, ES&S exposed the remainder of each tank and removed each tank from the tank nest using an excavator. Once removed, each tank was inspected (externally and internally) for signs of failure, and subsequently loaded onto a trailer for transportation to an offsite facility for storage and future recycling. All tanks were found to be in good condition upon inspection.

Product piping (service lines), vent lines, buried electrical lines, and the three dispensers and associated infrastructure were decommissioned by ES&S between March 13 and March 15, 2023. The product lines and dispensers appeared to be in good condition with no visible holes or signs of heavy corrosion.

On March 13, 2023, ES&S discovered an approximately 2,000-gallon empty UST in the northeast corner of the tank nest. The UST was removed from the excavation and transported to an offsite facility for storage and future recycling. On March 23, 2023, two approximately 750-gallon empty USTs were discovered while removing PCS from the southwestern corner of the former tank nest. These USTs were

removed and transported to an offsite facility for storage and future recycling. The discovered USTs were found to be empty and appeared to be in relatively good condition.

The six USTs were removed from the Site and recycled at D&L Enterprises in Merrill, Oregon. Residual oil and sludge were recycled at Oil Re-Refining Company in Portland, Oregon. Copies of recycling and disposal receipts are included in Appendix D.

During the decommissioning, water was observed around the former tanks and residing within the tank nest. Following removal of the USTs, the water in the resulting excavation was pumped into two 21,000-gallon Baker Tanks in order to facilitate removal of PCS from the tank nest and the collection of confirmation soil samples from beneath the former USTs. Once removed, water did not return to the excavation – indicating that it was not groundwater – surface water (result of precipitation) did, however, fill portions of the excavation during the decommissioning and excavation activities, entering the excavation from the upper two feet of imported gravel fill under the former dispensers, drive lanes, and canopy. Over the course of the decommissioning and remedial excavation activities approximately 24,000-gallons of water was removed from the excavation, treated with activated carbon and returned to the excavation following removal of PCS and collection of confirmation soil samples.

Following the decommissioning, field indications including visibly stained soils and a noticeable weathered petroleum hydrocarbon odor were noted on the northeast and southwest sidewalls of the former tank nest.

4.2 Product Piping and Dispenser Removal

Between March 14 and March 15, 2023, ES&S decommissioned the remaining product piping (service lines), buried electrical lines, and both dispenser islands and associated infrastructure. On March 15, 2023, HydroCon collected compliance soil samples beneath each piping run and beneath each cardlock dispenser sump. Field indications including visibly stained soils and a noticeable weathered petroleum hydrocarbon odor were noted under the northwestern and southeastern dispenser sumps.

4.3 Compliance Soil Sampling

On March 13, 2023, HydroCon collected compliance soil samples from native soil around the former USTs, beneath product piping runs, and beneath the dispensers/dispenser sumps in accordance with DEQ's rules and regulations. A total of twelve (12) compliance soil samples were collected from the Site as described below:

- Six sidewall samples collected from the former tank nest at depths of approximately 8.0 feet bgs, corresponding to the approximate middle elevation of the former USTs and the approximate soil/water interface observed in the tank nest following tank removal (TPW-NW-8.0, TPW-NE-8.0, TPW-E-8.0, TPW-SE-8.0, TPW-SW-8.0, and TPW-W-8.0);

- Three compliance soil samples collected from native soil beneath piping runs extending from the former tank nest to the former retail dispensers at depths of approximately 2.0 feet bgs (PP01-2.0, PP02-2.0, and PP03-2.0); and
- Three compliance soil samples collected from the native soil beneath the former fuel dispensers and dispenser sumps at depths of approximately 3.0 feet bgs (DS01-3.0, DS02-3.0, and DS03-3.0).

Soil samples were collected directly from the backhoe bucket or directly from the excavation leave surface (where feasible) using a new pair of disposable nitrile gloves and placed directly into labeled laboratory prepared jars and sealed with Teflon-lined lids. Soil samples intended for analysis of volatile organic compounds (VOCs) were collected utilizing the Environmental Protection Agency (EPA) Method 5035A. These soil samples were placed into labeled pre-preserved and pre-weighed laboratory supplied vials using a new polyethylene t-handle sample coring device supplied by the laboratory. Samples were immediately placed in an ice filled cooler along with chain-of-custody documentation for delivery to Apex Laboratories LLC (Apex Labs) of Tigard, Oregon.

Compliance soil sample locations are shown on Figure 3.

4.4 Field Screening

Field screening consisted of volatile organic vapor measurements using a photoionization detector (PID), sheen testing, visual observations (staining, etc.), and olfactory observations. A portion of each soil sample was placed in a sealable plastic bag. The tip of the PID was inserted into the plastic bag in the airspace above the soil sample and the PID measurement was recorded. The PID was calibrated before use at the Site to a test gas standard consisting of 100 parts per million (ppmv) isobutylene. Because several factors can affect PID readings (e.g. moisture, temperature, and background conditions), HydroCon determined that a value of 2 ppm or greater may indicate the presence of organic vapors originating from contaminants at the Site.

4.5 Remedial Excavation

Between March 15 and March 24, 2023, HydroCon documented the excavation and removal of PCS from the areas beneath the former dispenser islands and around the former tank nest that were identified following receipt and review of compliance soil sample analytical results. Excavation earthwork was performed by ES&S.

During the remedial excavation activities, HydroCon utilized field screening techniques to determine areas of impacted soil and to assess removal efforts. The excavation targeted impacted soils identified during the decommissioning assessment. These target areas were extended vertically and horizontally until the field screening suggested that the impacts had been removed to the extent practicable.

PCS was observed around and beneath the former tank nest extending north and including the area beneath the former dispenser islands and drive lanes. Impacts beneath the former tanks extended to depths of approximately 13.0 feet bgs and to depths ranging from 8.0 feet bgs in the northwest and 16.0 feet bgs beneath the former southeastern dispenser (DS01). Impacts extended east into the eastern sidewall of the remedial excavation in the vicinity of the southeastern dispenser at approximately 8.0 bgs. The final remedial excavation measured approximately 82.5-feet in length (north/south) by 42.0 to 54.0-feet in width (east/west) by 8.0 to 16.5-feet deep. The approximate extents of the remedial excavation are depicted on Figure 4.

No groundwater was observed or encountered in the remedial excavation.

Excavated soils were directly loaded into trucks and transported to the Klamath County Landfill in Klamath Falls, Oregon for disposal. A total of 1,572.94 tons of PCS were excavated and disposed of at the landfill. Copies of the disposal receipts are included in Appendix D of this report. Photographic documentation is included in Appendix C.

4.6 Confirmation Soil Sampling

Upon completion of soil removal activities, confirmation soil samples were collected from the leave surfaces of the excavation to assess the efficacy of cleanup efforts. A total of sixteen (16) confirmation soil samples were collected from the excavation. Confirmation soil samples were collected from the excavation as described below:

- Eight sidewall samples collected from the west, northwest, north, northeast, east, south, south-southwest, and west-southwest sidewalls of the remedial excavation at depths ranging between 4.5 and 8.0 feet bgs (EXSW-W-8.0, EXSW-NW-4.5, EXSW-N-7.5, EXSW-NE-8.0, EXSW-E-8.0, EXSW-S-8.0, EXSW-SSW-8, and EXSW-WSW-8.0); and

- Eight floor samples collected from the northwest, northeast, south-southeast, south, south-southwest, and southwest bottom of the remedial excavation at depths ranging between 8.0 and 16.5 feet bgs (EXF-SW-11.0 EXF-SW-16.5 EXF-SW-12.0 EXF-NE-10.0 EXF-NW-8.0 EXF-SSE-13.5 EXF-SSW-11.0 EXF-S-13.5).

Soil samples were collected directly from the backhoe bucket or directly from the excavation leave surface (where feasible) using a new pair of disposable nitrile gloves and placed directly into labeled laboratory prepared jars and sealed with Teflon-lined lids. Soil samples intended for analysis of VOCs were collected utilizing the EPA Method 5035A. Samples were immediately placed in an ice filled cooler along with chain-of-custody documentation for delivery to Apex Laboratories of Tigard, Oregon.

Confirmation soil sample locations are shown on Figure 4.

4.7 Water Removal and Treatment

During the UST decommissioning, water was observed in the tank nest around the USTs. On March 14, 2023, the water was pumped from the excavation into two 21,000-gallon closed-top Baker tanks. Water was observed returning to the excavation from the north sidewall of the tank nest from a shallow gravel fill layer beneath the former dispensers, drive lanes, and canopy to the north. This infiltrating water was presumed to be surface water runoff from recent precipitation and snowmelt. Surface water runoff continued to fill the tank nest excavation during subsequent precipitation events (despite attempts to construct soil berms around the excavation). In order to facilitate removal of PCS and the collection of compliance soil samples, additional water removal was necessary after each precipitation event. Once the gravel layer was removed during remedial excavation activities, and once the precipitation ceased, water did not return to the excavation for several days, confirming that the water was not groundwater, but surface water runoff.

On March 14, 2023, ES&S setup a two-stage activated carbon treatment system consisting of two 55-gallon drums of activated carbon connected in series with a submersible sump pump placed in the Baker tank and hosing connecting the pump to the treatment system. During the decommissioning and remedial excavation activities, HydroCon collected two effluent post-treatment water samples from the treatment system to assess the efficacy of treatment for subsequent discharge to the Site. Water samples POST-W-031423 and POST-W-032323 were collected from the effluent line of the secondary carbon vessel and were analyzed for Site-chemicals of potential concern (COPCs). Both samples were non-detect for these compounds.

Following receipt of analytical data showing the treatment system to be effective at eliminating Site COPCs from the water, and beginning on March 23, 2023, the water removed from the excavation was pumped from the Baker tanks through the two-stage carbon filtration treatment system and discharged via gravity feed (at a flow rate less than 10 gallons per minute [gpm]) back into the excavation. An estimated total of 24,000-gallons of water was treated and returned to the excavation from March 23, 2023 through early April 2023.

4.8 Laboratory Analysis

A total of 28 soil samples and two (2) water waste characterization/treatment samples were collected for laboratory analysis. Each sample was analyzed for the following set of parameters:

- Hydrocarbon Identification Screen by Northwest Method NWTPH-HCID.

Samples with detectable hydrocarbons and soil samples collected in the vicinity of the discovered tanks were analyzed for one or more of the following:

- GRPH by Northwest Method NWTPH-Gx;

- Diesel-range and oil-range petroleum hydrocarbons (DRPH and ORPH) by Northwest Method NWTPH-Dx;
- Benzene, toluene, ethylbenzene, total xylenes, and naphthalene (BTEX+N) by U.S. Environmental Protection Agency (EPA) Method 8260D;
- DEQ Risk-Based Decision Making (RBDM) VOCs by EPA Method 8260D;
- Resource Conservation and Recovery Act (RCRA) 8 Total Metals by EPA Method 6020B Inductively Coupled Mass-Spectrometry (ICPMS); and
- Polychlorinated Biphenyls by EPA Method 8082A.

4.9 Management of Investigation Derived Waste

Investigation Derived Waste (IDW) consisted of water/rinsate/sludge from cleaning of the USTs, six decommissioned steel USTs, decommissioned infrastructure (dispenser sumps, product piping, concrete debris, etc.), PCS, and water removed from the excavation. As detailed above, USTs and other scrap metal components were transported to D&L Enterprises for recycling, the water, rinsate, and sludge removed from the USTs was transported to ORRCO for recycling, PCS was transported to Klamath County Landfill for disposal, and water was gravity fed through a carbon filtration system and discharged to the remedial excavation. All recycling and disposal receipts from the UST decommissioning are included in Appendix D.

Disposable items, such as nitrile gloves, protective overalls (*e.g.*, Tyvek®), paper towels, etc., were placed in plastic bags after use and deposited in trash receptacles on Site for disposal.

4.10 Site Restoration

Following the remedial excavation and confirmation soil sampling activities, and upon receipt of confirmation soil sample analytical results, the excavation was backfilled with imported crushed rock aggregate fill that was compacted in lifts in accordance with project requirements and specifications.

5.0 INVESTIGATION RESULTS

5.1 Subsurface Conditions

Subsurface soil (below asphalt-concrete, Portland cement-concrete and base rock aggregate material) consists of brown silt with varying amounts of sand, gravel, and trace clay to depths of up to 18 feet bgs. Below the silt is a very light pinkish-gray to white colored diatomite with varying amounts of silt and clay. The diatomite is dry to slightly damp and stiff to hard. Small lenses of sand and silty gravel can be found throughout the upper portion of the silt (above the diatomite).

Groundwater was not encountered to explored depths of up to 16.5 feet bgs during the UST decommissioning and remedial excavation activities completed in March 2023. Groundwater was

reportedly found during the Phase II subsurface investigation conducted by ETG in March 2015. Depths to groundwater measured in two temporary monitoring wells at the time of the Phase II investigation ranged from approximately 15 to 16 feet bgs. During groundwater sampling activities, the temporary monitoring wells were pumped dry after recovering only around 2-liters of water.

Surface soils above the USTs in the tank nest (from the surface to a depth of approximately 3 feet bgs) did not appear to be impacted, and field screening was generally not indicative of impacts from petroleum hydrocarbons. The majority of petroleum hydrocarbon impacts appeared in the soils beneath the former gasoline dispenser sumps and associated product piping from the near surface (approximately 1 to 2 feet bgs) to depths up to 16 feet bgs (beneath the former southeastern fuel dispenser). Soils below the former dispenser sumps and associated product piping exhibited indications of petroleum impacts with visible staining, noticeable petroleum hydrocarbon odors, and moderate to heavy sheens. Coarse-grained imported soils from beneath the dispensers and product piping had PID detections ranging from 0.0 ppm to 505 ppm. Native silts and diatomite below the former dispensers and product piping runs had PID detections ranging from less than 5 ppm to 893 ppm from depths of approximately 3 feet bgs to approximately 8-16 feet bgs. Following removal of PCS from the remedial excavation, native soils left in place had PID detections ranging from 0.0 ppm to 217 ppm (highest PID from soils left in place from sample location EXSW-E-8.0 collected along the east excavation sidewall at a depth of 8.0 feet bgs.

5.2 Analytical Results

Compliance and confirmation soil sample analytical results were compared to applicable DEQ RBCs for the Site including the Vapor Intrusion into Buildings (*RBCsi*) and Volatilization to Outdoor Air (*RBCso*) pathways for the occupational receptor and the Soil Ingestion, Dermal Contact, and Inhalation (*RBCss*) pathway for the construction worker and excavation worker receptors. The following sections describe the results of compliance and confirmation soil sampling conducted at the Site from March 13 to March 24, 2023. The complete laboratory analytical reports and chain-of-custody records are included as Appendix E.

Compliance Soil Sample Analytical Results
Compliance soil sample analytical results are reported as milligrams per kilograms (mg/kg) and are summarized in Table 1 and on Figure 4. A summary of the results is provided below.

GRPH were detected above the laboratory method reporting limit (MRL) in three compliance soil samples – samples TPW-SW-8.0 and TPW-NE-8.0 (collected from the southwest and northeast sidewalls of the tank nest at depths of approximately 8.0 feet bgs) at concentrations of 205 mg/kg and 500 mg/kg, respectively, and in compliance soil sample DS01-3.0 (collected from native soil beneath the southeastern most dispenser at a depth of 3.0 feet bgs) at a concentration of 436 mg/kg. The detected concentrations in these samples are below the most stringent applicable DEQ RBC – the Soil Ingestion, Dermal Contact, and Inhalation (*RBCss*) pathway for the construction worker of 9,700 mg/kg. These detected GRPH results were flagged by the laboratory as being primarily due to overlap from a heavier fuel hydrocarbon product (i.e. diesel).

DRPH were detected in four of the submitted compliance soil samples (TPW-SW-8.0, TPW-NE-8.0, DS01-3.0, and DS03-3.0) at concentrations ranging from 68.7 mg/kg in sample TPW-SW-8.0 to 278 mg/kg in sample DS03-3.0. The concentrations of DRPH detected in these samples are below the most stringent applicable DEQ RBC – the Soil Ingestion, Dermal Contact, and Inhalation (*RBCss*) pathway for the construction worker of 4,600 mg/kg. The detected concentrations of DRPH in soil samples TPW-SW-8.0, TPW-NE-8.0, and DS01-3.0 were flagged by the laboratory due to the chromatographic pattern not resembling the fuel pattern for quantitation. The detected concentration of DRPH in soil sample DS03-3.0 was flagged by the laboratory due to the hydrocarbon pattern indicating possible weathered diesel, mineral oil, or a contribution from a related component.

ORPH were detected in compliance soil sample TPW-SW-8.0 at a concentration of 788 mg/kg. The detected concentration of ORPH is well below the most stringent applicable DEQ RBC – the Soil Ingestion, Dermal Contact, and Inhalation (*RBCss*) pathway for the construction worker of 11,000 mg/kg.

VOCs (including BTEX+N) were not detected above their respective MRLs in any of the compliance soil samples collected from the Site.

Of note, all of the decommissioning compliance soil sample locations detailed above were subsequently removed during remedial excavation conducted at the Site from March 15 through March 24, 2023.

Confirmation Soil Sample Analytical Results

Confirmation soil sample analytical results are reported as mg/kg and are summarized in Table 1 and on Figure 5. A summary of the results is provided below.

GRPH were detected above the laboratory method reporting limit (MRL) in two confirmation soil samples EXSW-E-8.0 (collected from the east excavation sidewall along the sidewalk of Main Street at a depth of approximately 8.0 feet bgs) and EXSW-WSW-8.0 (collected from the west-southwest excavation sidewall at a depth of approximately 8.0 feet bgs) at concentrations of 1,870 mg/kg and 53.6 mg/kg, respectively. The detected concentrations of GRPH in these samples are below the most stringent applicable DEQ RBC of 9,700 mg/kg (*RBCss*).

DRPH were detected by way of NWTPH-HCID in one confirmation soil sample – EXSW-WSW-8.0, but were not detected above the MRL when analyzed by Method NWTPH-Dx. The detection of DRPH is likely the result of overlap of ORPH identified in the sample. DRPH were not detected above the laboratory MRLs in any of the other confirmation soil samples collected from the Site.

ORPH were detected in two confirmation soil samples – EXSW-WSW-8.0 and EXSW-SSW-8 at concentrations of 590 mg/kg and 200 mg/kg, respectively. The detected concentrations of ORPH are well below the most stringent applicable DEQ RBC – the Soil Ingestion, Dermal Contact, and Inhalation (*RBCss*) pathway for the construction worker of 11,000 mg/kg. ORPH were detected by way of NWTPH-HCID in one other confirmation soil sample – EXSW-S-8.0, but were not detected above the MRL when analyzed by Method NWTPH-Dx. The detection of ORPH is likely the result of conflicting organic matter in the sample matrix.

Benzene and ethylbenzene were detected in confirmation soil sample EXSW-E-8.0 collected from the east sidewall of the remedial excavation from a depth of 8.0 feet bgs. Benzene was detected in the sample at a concentration of 0.833 mg/kg, and ethylbenzene was detected at a concentration of 1.36 mg/kg. These detections are below the most stringent applicable DEQ RBC for benzene – 2.1 mg/kg and ethylbenzene – 17 mg/kg (Vapor Intrusion into Buildings [*RBCsi*] for the occupational receptor).

VOCs, other than discussed above, and PCBs were not detected above their respective MRLs in any of the confirmation soil samples collected from the remedial excavation at the Site.

Metals arsenic, barium, chromium, and lead were detected in confirmation soil sample EXSW-WSW-8.0. The detected concentrations were below all applicable DEQ RBCs and below DEQ background metals concentrations in soil for the Basin & Range physiographic province.

Water Sample Results

Water sample analytical results are reported as micrograms per liter (µg/L) and are summarized in Table 3. A summary of the results is provided below.

Two post treatment water samples were collected from the treated water that had been pumped out of the excavation. There were no detections of GRPH, DRPH, ORPH, or BTEX+N in water samples collected on March 14, 2023 (POST-W-031423) and March 23, 2023 (POST-W-032323). GRPH were detected by way of NWTPH-HCID in sample – POST-W-031423, but were not detected above the MRL when analyzed by Method NWTPH-Gx. The detection of GRPH is likely the result of conflicting components in the sample matrix.

6.0 DISCUSSION

Between March 13 and March 24, 2023, the former fuel station at the subject Site was decommissioned including the decommissioning by removal of three retail fuel USTs, three discovered USTs, three fuel dispensers, and related infrastructure. PCS were observed in the vicinity of the former tank nest and beneath the former pump islands and canopy to the north and along the right-of-way (ROW) of Main Street on the eastern portion of the property. A total of 1,572.94 tons of PCS were excavated and disposed of at the Klamath County Landfill in Klamath Falls, Oregon. A total of 16 confirmation soil samples were collected from the resultant remedial excavation to assess the cleanup remedy.

6.1 Soil Conditions

Results of confirmation soil sampling of the leave surfaces of the remedial excavation (sidewalls and base) show that the soils exceeding applicable DEQ RBCs have been removed from the Site. Soils remaining in the vicinity of the former USTs, fuel dispensers, pump islands, and product piping runs were non-detect or had detections of GRPH, DRPH, ORPH, and VOCs at concentrations below applicable regulatory cleanup levels.

No groundwater was present to an explored depth of 16.5 feet bgs during the remedial excavation cleanup activities.

6.2 Water Conditions

Water was observed in the UST vault during the decommissioning and cleanup activities completed at the Site in March 2023. The water observed in the excavation at the time of the UST decommissioning was determined to be surface water runoff from precipitation and snow-melt. This surface water and near-surface water was observed infiltrating the tank nest from the north end of the Site from coarser-grained soils existing beneath the former pump islands and product piping runs in an area of heavy petroleum impacts. The water entering the tank nest excavation was impacted (likely due to transiting through the shallow PCS on the north end of the Site) and required onsite treatment by way of a two-stage activated carbon treatment system. As detailed above, this water was reintroduced to the remedial excavation following treatment.

Groundwater Conditions
Site groundwater was not encountered during the UST decommissioning and subsequent cleanup activities completed in March 2023. Groundwater was reportedly encountered during ETG's 2015 Phase II ESA conducted at the Site.

Based on HydroCon's review of available documents on DEQ's online LUST Cleanup Site Database (included in Appendix A), during the 2015 Phase II ESA, groundwater samples were collected from two subsurface explorations – borings B-1 and B-2 – installed northeast of the former tank nest to depths of approximately 20 feet bgs (Figure 3). Temporary groundwater monitoring wells were constructed with well screen placed from 5 to 20 feet bgs in each boring. Depths to water in the temporary monitoring wells were reported between 15 and 16 feet bgs. During the collection of groundwater samples for laboratory analyses, ETG field personnel noted that each temporary well ran dry during the purging process and that only around 2-liters of water was recovered from each temporary well – recharge rates in the temporary wells at the time of the sampling were reported at approximately 0.05 foot per minute. According to the lithologic logs for borings B-1 and B-2, only damp to moist soils were encountered in the subsurface. PID readings recorded on the boring logs ranged from 5 ppm to 370 ppm, with most of the elevated readings concentrated at depths between 3 and 11 feet bgs.

Because the temporary monitoring wells were screened from 5 to 20 feet bgs, and were installed within boreholes that were left open from the surface to the full depth of each exploration, the water sampled from each temporary well may have been introduced from any depth along the boring sidewalls, that is, at the time of the sampling, near-surface water may have been carried down the open borehole from the shallow gravel layer observed beneath the drive lanes and dispenser islands. The water samples collected from the Site in 2015 may not be representative of actual groundwater conditions at the Site. The 2015 boring locations are located within the footprint of the recent remedial excavation area where PCS was removed. As detailed above, groundwater was not encountered in the remedial excavation during the UST decommissioning and cleanup activities in March 2023.

If water samples collected from the Site in 2015 are not representative of actual groundwater conditions at the Site, it is likely that the excavation of PCS and near-surface water from the area that borings B-1 and B-2 were located addressed the impacts in both soil and water by way of source removal.

7.0 CONCLUSIONS

Based on the above-described activities and findings, impacted soils have been removed from the Site, and final confirmation soil sampling has shown that native soils and materials remaining on Site are non-detect or have detectable concentrations of COPCs below the applicable DEQ RBCs for the Site – given the continuing property use as a retail fuel station. Therefore, unacceptable risks are no longer present. HydroCon recommends no further action at the Site and that DEQ consider Site closure.

8.0 QUALIFICATIONS

HydroCon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time period. HydroCon makes no warranties, either expressed or implied, regarding the findings, conclusions or recommendations. Please note that HydroCon does not warrant the work of laboratories, regulatory agencies, or other third parties supplying information used in the preparation of the report.

Findings and conclusions resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, nondetectable or not present during these services, and we cannot represent that the site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this monitoring. Subsurface conditions may vary from those encountered at specific sampling locations or during other surveys, tests, assessments, investigations, or exploratory services; the data, interpretations and findings are based solely upon data obtained at the time and within the scope of these services.

This report is intended for the sole use of **Ed Staub & Sons**. This report may not be used or relied upon by any other party without the written consent of HydroCon. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users, and use or re-use of this document or the findings, conclusions, or recommendations is at the risk of said user.

The conclusions presented in this report are, in part, based upon subsurface sampling performed at selected locations and depths. There may be conditions between borings or samples that differ significantly from those presented in this report and which cannot be predicted by this study.

Signature:

Report Prepared By:

Michael Whitson, RG
Project Geologist

Report Reviewed By:

Chris Sheridan, RG
Senior Project Geologist

NOTE(S):

USGS, KLAMATH FALLS QUADRANGLE
OREGON - KLAMATH COUNTY
7.5 MINUTE SERIES (TOPOGRAPHIC)

0 2000 4000

SCALE IN FEET
1" = 2000'

N
W E

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APPROVED: DB
PRJ. MGR: DB
PROJECT NO: 10044-004

FIGURE 1
SITE LOCATION MAP

ES&S - FORMER MAIN STREET TEXACO
135 MAIN STREET
KLAMATH FALLS, OREGON

S:\2023 Projects\10044-004.00 ES&S Remediation Oversight\Figures\CAD\10044-004_DRAFT_REV04.dwg

Legend

— — Subject Site Property Boundary (Approximate)

——— Klamath County Parcel Boundary (Approximate)

N W E S

0 50 100

SCALE IN FEET
1" = 50'

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FIGURE 2
SITE VICINITY

ES&S - FORMER MAIN STREET TEXACO
135 MAIN STREET
KLAMATH FALLS, OREGON

S:\2023 Projects\10044-004.00 ES&S Remediation Oversight\Figures\CAD\10044-004_DRAFT_REV04.dwg

Former
Convenience Store

Former Retail Canopy/
Retail Dispensers

Former Tank
Nest and USTs

Asphalt-Concrete

Main Street

6200

6300

B-1

B-2

B-3

D

PP

Legend

- B-1 — Boring Location and Designation (ETG, 2015)
- PP — Product Piping
- D — Fuel Dispenser
- Subject Site Property Boundary (Approximate)
- Klamath County Parcel Boundary (Approximate)

N W E S

0 16 32

SCALE IN FEET
1" = 16'

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PRJ. MGR: DB
PROJECT NO: 10044-004

FIGURE 3
SITE FEATURES

ES&S - FORMER MAIN STREET TEXACO
135 MAIN STREET
KLAMATH FALLS, OREGON

S:\2023 Projects\10044-004.00 ES&S Remediation Oversight\Figures\CAD\10044-004_DRAFT_REV04.dwg

Sample Identification	Sample Type	Sample Depth (feet bgs)	Sample Date	Soil Analytical Results in mg/kg							
				GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylenes, Total	Naphthalene
TPW-SW-8.0	Compliance Soil Sample	8.0	03/13/23	DET / 205 F09	DET / 68.7 F13	DET / 788	--	--	--	--	--
TPW-SE-8.0		8.0	03/13/23	ND	ND	ND	--	--	--	--	--
TPW-W-8.0		8.0	03/13/23	ND	ND	ND	--	--	--	--	--
TPW-NW-8.0		8.0	03/13/23	ND	ND	ND	--	--	--	--	--
TPW-NE-8.0		8.0	03/13/23	DET / 500 F09	DET / 89.6 F13	ND / <54.4	<0.173	<0.867	<0.434	<1.30	<2.60
TPW-E-8.0		8.0	03/13/23	ND	ND	ND	--	--	--	--	--
DS01-3.0		3.0	03/15/23	DET / 436 F09	DET / 243 F13	ND / <55.8	--	--	--	--	--
DS02-3.0		3.0	03/15/23	ND	ND	ND	--	--	--	--	--
DS03-3.0		3.0	03/15/23	ND	DET / 278 F11	ND / <49.8	--	--	--	--	--
PP01-2.0		2.0	03/15/23	ND	ND	ND	--	--	--	--	--
PP02-2.0		2.0	03/15/23	ND	ND	ND	--	--	--	--	--
PP03-2.0		2.0	03/15/23	ND	ND	ND	--	--	--	--	--

UNDERGROUND STORAGE TANKS		
TANK	VOLUME	CONTENTS
T1	6,000-GAL.	UNLEADED GASOLINE
T2	6,000-GAL.	UNLEADED GASOLINE
T3	4,000-GAL.	UNLEADED GASOLINE
T4	~3,000-GAL.	EMPTY - UNKNOWN USE
T5	~750-GAL.	EMPTY - UNKNOWN USE
T6	~750-GAL.	EMPTY - UNKNOWN USE

Legend

- TPW-E-8.0 — Compliance Soil Sample Location (HydroCon, March 2023)
- B-1 — Boring Location and Designation (ETG, 2015)
- — PP - — Product Piping
- D — Fuel Dispenser
- — — Subject Site Property Boundary (Approximate)
- ——— Klamath County Parcel Boundary (Approximate)

N E S W

0 16 32

SCALE IN FEET
1" = 16'

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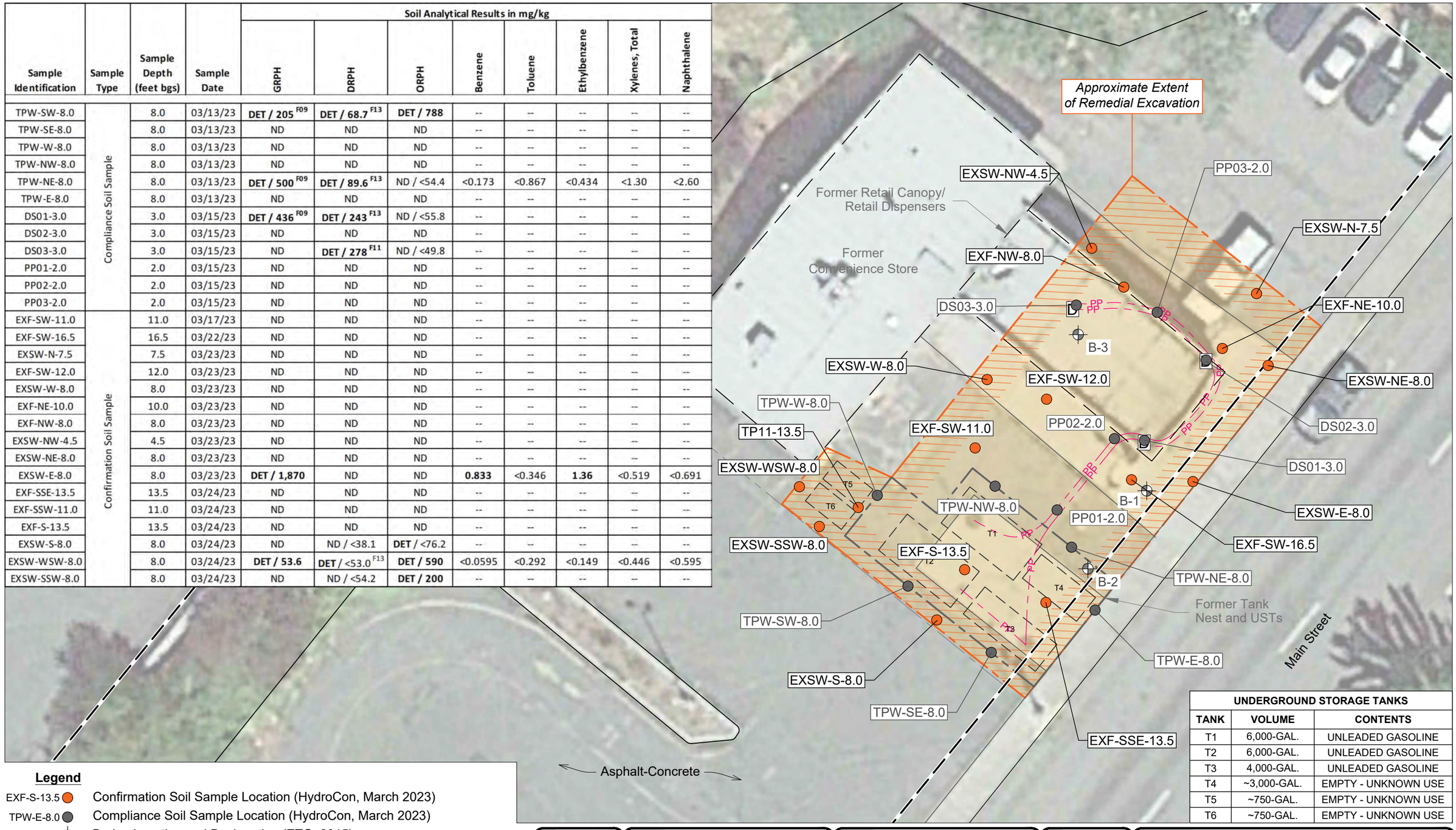
PROJECT NO: 10044-004

FIGURE 3
UST DECOMMISSIONING AND COMPLIANCE SOIL ANALYTICAL RESULTS
ES&S - FORMER MAIN STREET TEXACO
135 MAIN STREET
KLAMATH FALLS, OREGON

S:\2023 Projects\10044-004.00 ES&S Remediation Oversight\Figures\CAD\10044-004_DRAFT_REV04.dwg

Sample Identification	Sample Type	Sample Depth (feet bgs)	Sample Date	Soil Analytical Results in mg/kg							
				GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylenes, Total	Naphthalene
TPW-SW-8.0	Compliance Soil Sample	8.0	03/13/23	**DET / 205** [F09]	**DET / 68.7** [F13]	**DET / 788**	--	--	--	--	--
TPW-SE-8.0		8.0	03/13/23	ND	ND	ND	--	--	--	--	--
TPW-W-8.0		8.0	03/13/23	ND	ND	ND	--	--	--	--	--
TPW-NW-8.0		8.0	03/13/23	ND	ND	ND	--	--	--	--	--
TPW-NE-8.0		8.0	03/13/23	**DET / 500** [F09]	**DET / 89.6** [F13]	ND / <54.4	<0.173	<0.867	<0.434	<1.30	<2.60
TPW-E-8.0		8.0	03/13/23	ND	ND	ND	--	--	--	--	--
DS01-3.0		3.0	03/15/23	**DET / 436** [F09]	**DET / 243** [F13]	ND / <55.8	--	--	--	--	--
DS02-3.0		3.0	03/15/23	ND	ND	ND	--	--	--	--	--
DS03-3.0		3.0	03/15/23	ND	**DET / 278** [F11]	ND / <49.8	--	--	--	--	--
PP01-2.0		2.0	03/15/23	ND	ND	ND	--	--	--	--	--
PP02-2.0		2.0	03/15/23	ND	ND	ND	--	--	--	--	--
PP03-2.0		2.0	03/15/23	ND	ND	ND	--	--	--	--	--
EXF-SW-11.0	Confirmation Soil Sample	11.0	03/17/23	ND	ND	ND	--	--	--	--	--
EXF-SW-16.5		16.5	03/22/23	ND	ND	ND	--	--	--	--	--
EXSW-N-7.5		7.5	03/23/23	ND	ND	ND	--	--	--	--	--
EXF-SW-12.0		12.0	03/23/23	ND	ND	ND	--	--	--	--	--
EXSW-W-8.0		8.0	03/23/23	ND	ND	ND	--	--	--	--	--
EXF-NE-10.0		10.0	03/23/23	ND	ND	ND	--	--	--	--	--
EXF-NW-8.0		8.0	03/23/23	ND	ND	ND	--	--	--	--	--
EXSW-NW-4.5		4.5	03/23/23	ND	ND	ND	--	--	--	--	--
EXSW-NE-8.0		8.0	03/23/23	ND	ND	ND	--	--	--	--	--
EXSW-E-8.0		8.0	03/23/23	**DET / 1,870**	ND	ND	**0.833**	<0.346	**1.36**	<0.519	<0.691
EXF-SSE-13.5		13.5	03/24/23	ND	ND	ND	--	--	--	--	--
EXF-SSW-11.0		11.0	03/24/23	ND	ND	ND	--	--	--	--	--
EXF-S-13.5		13.5	03/24/23	ND	ND	ND	--	--	--	--	--
EXSW-S-8.0		8.0	03/24/23	ND	ND / <38.1	**DET** / <76.2	--	--	--	--	--
EXSW-WSW-8.0		8.0	03/24/23	**DET / 53.6**	**DET** / <53.0 [F13]	**DET / 590**	<0.0595	<0.292	<0.149	<0.446	<0.595
EXSW-SSW-8.0		8.0	03/24/23	ND	ND / <54.2	**DET / 200**	--	--	--	--	--



UNDERGROUND STORAGE TANKS		
TANK	VOLUME	CONTENTS
T1	6,000-GAL.	UNLEADED GASOLINE
T2	6,000-GAL.	UNLEADED GASOLINE
T3	4,000-GAL.	UNLEADED GASOLINE
T4	~3,000-GAL.	EMPTY - UNKNOWN USE
T5	~750-GAL.	EMPTY - UNKNOWN USE
T6	~750-GAL.	EMPTY - UNKNOWN USE

Legend

- EXF-S-13.5 — Confirmation Soil Sample Location (HydroCon, March 2023)
- TPW-E-8.0 — Compliance Soil Sample Location (HydroCon, March 2023)
- B-1 — Boring Location and Designation (ETG, 2015)
- — PP - — Product Piping
- D — Fuel Dispenser
- Subject Site Property Boundary (Approximate)
- Klamath County Parcel Boundary (Approximate)

N W E S

0 16 32

SCALE IN FEET
1" = 16'

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PROJECT NO: 10044-004

FIGURE 5
REMEDIAL EXCAVATION AND SUMMARY SOIL ANALYTICAL RESULTS
ES&S - FORMER MAIN STREET TEXACO
135 MAIN STREET
KLAMATH FALLS, OREGON

S:\2023 Projects\10044-004.00 ES&S Remediation Oversight\Figures\CAD\10044-004_DRAFT_REV04.dwg

Table 1
Summary of Soil Analytical Results
Former Main Street Texaco
135 Main Street, Klamath Falls, Oregon

Sample Identification	Sample Type	Sample Depth (feet bgs)	Sample Date	Soil Analytical Results in mg/kg							
				GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylenes, Total	Naphthalene
TPW-SW-8.0	Compliance Soil Sample	8.0	03/13/23	**DET / 205** F09	**DET / 68.7** F13	**DET / 788**	--	--	--	--	--
TPW-SE-8.0		8.0	03/13/23	ND	ND	ND	--	--	--	--	--
TPW-W-8.0		8.0	03/13/23	ND	ND	ND	--	--	--	--	--
TPW-NW-8.0		8.0	03/13/23	ND	ND	ND	--	--	--	--	--
TPW-NE-8.0		8.0	03/13/23	**DET / 500** F09	**DET / 89.6** F13	ND / <54.4	<0.173	<0.867	<0.434	<1.30	<2.60
TPW-E-8.0		8.0	03/13/23	ND	ND	ND	--	--	--	--	--
DS01-3.0		3.0	03/15/23	**DET / 436** F09	**DET / 243** F13	ND / <55.8	--	--	--	--	--
DS02-3.0		3.0	03/15/23	ND	ND	ND	--	--	--	--	--
DS03-3.0		3.0	03/15/23	ND	**DET / 278** F11	ND / <49.8	--	--	--	--	--
PP01-2.0		2.0	03/15/23	ND	ND	ND	--	--	--	--	--
PP02-2.0		2.0	03/15/23	ND	ND	ND	--	--	--	--	--
PP03-2.0		2.0	03/15/23	ND	ND	ND	--	--	--	--	--
EXF-SW-11.0	Confirmation Soil Sample	11.0	03/17/23	ND	ND	ND	--	--	--	--	--
EXF-SW-16.5		16.5	03/22/23	ND	ND	ND	--	--	--	--	--
EXSW-N-7.5		7.5	03/23/23	ND	ND	ND	--	--	--	--	--
EXF-SW-12.0		12.0	03/23/23	ND	ND	ND	--	--	--	--	--
EXSW-W-8.0		8.0	03/23/23	ND	ND	ND	--	--	--	--	--
EXF-NE-10.0		10.0	03/23/23	ND	ND	ND	--	--	--	--	--
EXF-NW-8.0		8.0	03/23/23	ND	ND	ND	--	--	--	--	--
EXSW-NW-4.5		4.5	03/23/23	ND	ND	ND	--	--	--	--	--
EXSW-NE-8.0		8.0	03/23/23	ND	ND	ND	--	--	--	--	--
EXSW-E-8.0		8.0	03/23/23	**DET / 1,870**	ND	ND	**0.833**	<0.346	**1.36**	<0.519	<0.691
EXF-SSE-13.5		13.5	03/24/23	ND	ND	ND	--	--	--	--	--
EXF-SSW-11.0		11.0	03/24/23	ND	ND	ND	--	--	--	--	--
EXF-S-13.5		13.5	03/24/23	ND	ND	ND	--	--	--	--	--
EXSW-S-8.0		8.0	03/24/23	ND	ND / <38.1	**DET** / <76.2	--	--	--	--	--
EXSW-WSW-8.0		8.0	03/24/23	**DET / 53.6**	**DET** / <53.0 F13	**DET / 590**	<0.0595	<0.292	<0.149	<0.446	<0.595
EXSW-SSW-8.0		8.0	03/24/23	ND	ND / <54.2	**DET / 200**	--	--	--	--	--
Applicable DEQ Risk-Based Concentrations[1]											
Vapor Intrusion into Buildings (RBC $_{si}$)											
Occupational				>Max	>Max	>Max	2.1	>Csat	17	>Csat	83
Volatilization to Outdoor Air (RBC $_{so}$)											
Occupational				69,000	>Max	>Max	50	>Csat	160	>Csat	83
Soil Ingestion, Dermal Contact, and Inhalation (RBC $_{ss}$)											
Construction Worker				9,700	4,600	11,000	380	28,000	1,700	20,000	580
Excavation Worker				>Max	>Max	>Max	11,000	770,000	49,000	560,000	16,000

See Notes at End of Table

Table 1
Summary of Soil Analytical Results
Former Main Street Texaco
135 Main Street, Klamath Falls, Oregon

NOTES:

bgs = below ground surface.

Chemical analyses performed by APEX Labs of Tigard, Oregon.

Hydrocarbon Identification Screen (HCID) analyzed by Northwest Method NWTPH-HCID.

Gasoline-Range Petroleum Hydrocarbons (GRPH) analyzed by Northwest Method NWTPH-Gx.

Diesel-Range Petroleum Hydrocarbons (DRPH) analyzed by Northwest Method NWTPH-Dx.

Oil-Range Petroleum Hydrocarbons (ORPH) analyzed by Northwest Method NWTPH-Dx.

Volatile Organic Compounds (VOCs) analyzed by EPA Method 8260D.

[1]Oregon Department of Environmental Quality (DEQ). Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites.

mg/kg = milligrams per kilogram (parts per million).

DET = analyte detected (HCID).

ND = analyte not-detected (HCID).

Bold indicates analyte detection.

"<5.97" indicates the analyte was not detected above the laboratory method reporting limit (MRL) shown.

-- = not analyzed.

>Csat = this soil RBC exceeds the limit of three-phase equillibrium partitioning.

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

F09 = results in the Gasoline Range are impacted by the overlap of a heavier fuel hydrocarbon product.

F11 = the hydrocarbon pattern indicates possible weathered diesel, mineral oil, or a contribution from a related component.

F13 = the chromatographic pattern does not resemble the fuel standard used for quantitation.

Table 2

Additional Soil Analytical Results

Former Main Street Texaco

135 Main Street, Klamath Falls, Oregon

Sample Identification	Sample Depth (feet bgs)	Sample Date	Soil Analytical Results in mg/kg																					
			GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylenes, Total	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	Isopropylbenzene	Methyl tert-butyl ether (MTBE)	Naphthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver	PCBs
TPW-NE-8.0	8.0	03/13/23	**DET / 500** F09	**DET / 89.6** F13	ND / <54.4	<0.173	<0.867	<0.434	<1.30	<0.867	<0.434	<0.867	<0.867	<2.60	<1.73	<0.867	--	--	--	--	--	--	--	--	--
EXSW-WSW-8.0	8.0	03/24/23	**DET / 53.6**	**DET** / <53.0 F13	**DET / 590**	<0.0595	<0.292	<0.149	<0.446	<0.297	<0.149	<0.297	<0.297	<0.595	<0.297	<0.297	**3.06**	**45.2**	<0.557	**4.94**	**4.20**	<0.223	<2.78	<0.557	ND
Applicable DEQ Risk-Based Concentrations[1]																								
Vapor Intrusion into Buildings (RBC $_{si}$)																								
Occupational			>Max	>Max	>Max	2.1	>Csat	17	>Csat	0.16	1.0	>Csat	110	83	>Csat	>Csat	NV	NV	NV	NV	NV	NV	--	NV	--
Volatilization to Outdoor Air (RBC $_{so}$)																								
Occupational			69,000	>Max	>Max	50	>Csat	160	>Csat	0.65	15	>Csat	1,500	83	>Csat	>Csat	NV	NV	NV	NV	NV	NV	--	NV	--
Soil Ingestion, Dermal Contact, and Inhalation (RBC $_{ss}$)																								
Construction Worker			9,700	4,600	11,000	380	28,000	1,700	20,000	9.0	200	27,000	12,000	580	2,900	2,900	15	69,000	350	530,000	800	110	--	1,800	--
Excavation Worker			>Max	>Max	>Max	11,000	770,000	49,000	560,000	250	5,600	750,000	320,000	16,000	81,000	81,000	420	>Max	9,700	>Max	800	2,900	--	49,000	--

NOTES:

bgs = below ground surface.

Chemical analyses performed by APEX Labs of Tigard, Oregon.

Hydrocarbon Identification Screen (HCID) analyzed by Northwest Method NWTPH-HCID.

Gasoline-Range Petroleum Hydrocarbons (GRPH) analyzed by Northwest Method NWTPH-Gx.

Diesel-Range Petroleum Hydrocarbons (DRPH) analyzed by Northwest Method NWTPH-Dx.

Oil-Range Petroleum Hydrocarbons (ORPH) analyzed by Northwest Method NWTPH-Dx.

Polychlorinated Biphenyls (PCBs) analyzed by EPA Method 8082A.

Volatile Organic Compounds (VOCs) analyzed by EPA Method 8260D.

Resource Conservation and Recovery Act (RCRA) 8 Total Metals analyzed by EPA Method 6020B Inductively Coupled Mass-Spectrometry (ICPMS).

[1]Oregon Department of Environmental Quality (DEQ). Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites.

mg/kg = milligrams per kilogram (parts per million).

DET = analyte detected (HCID).

ND = analyte not-detected (HCID).

Bold indicates analyte detection.

"<5.97" indicates the analyte was not detected above the laboratory method reporting limit (MRL) shown.

-- = not analyzed.

>Csat = this soil RBC exceeds the limit of three-phase equillibrium partitioning.

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

F09 = results in the Gasoline Range are impacted by the overlap of a heavier fuel hydrocarbon product.

F13 = the chromatographic pattern does not resemble the fuel standard used for quantitation.

Table 2

Summary of Water Treatment Analytical Results

Former Main Street Texaco

135 Main Street, Klamath Falls, Oregon

Sample Identification	Sample Date	Water Analytical Results in µg/L							
		GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylenes, Total	Naphthalene
POST-W-031423	03/14/23	**DET** / <100 [F12]	ND	ND	<0.200	<1.00	<0.500	<1.50	<2.00
POST-W-032323	03/23/23	<100	<82.5	<165	<0.200	<1.00	<0.500	<1.50	<2.00
Applicable DEQ Risk-Based Concentrations[1]									
Vapor Intrusion into Buildings (RBC $_{wi}$)									
Occupational		>S	>S	>S	2,800	>S	8,200	>S	11,000
Volatilization to Outdoor Air (RBC $_{wo}$)									
Occupational		>S	>S	>S	14,000	>S	43,000	>S	16,000
Groundwater in Excavation (RBC $_{we}$)									
Cons. & Exc. Worker		14,000	>S	>S	1,800	220,000	4,500	23,000	500

NOTES:

Chemical analyses performed by APEX Labs of Tigard, Oregon.

Hydrocarbon Identification Screen (HCID) analyzed by Northwest Method NWTPH-HCID.

Gasoline-Range Petroleum Hydrocarbons (GRPH) analyzed by Northwest Method NWTPH-Gx.

Diesel-Range Petroleum Hydrocarbons (DRPH) analyzed by Northwest Method NWTPH-Dx.

Oil-Range Petroleum Hydrocarbons (ORPH) analyzed by Northwest Method NWTPH-Dx.

Volatile Organic Compounds (VOCs) analyzed by EPA Method 8260D.

[1]Oregon Department of Environmental Quality (DEQ). Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites.

µg/L = micrograms per liter (parts per billion).

DET = analyte detected (HCID).

ND = analyte not-detected (HCID).

Bold indicates analyte detection.

"<100" indicates the analyte was not detected above the laboratory method reporting limit (MRL) shown.

>S = this groundwater RBC exceeds the solubility limit.

F12 = the result for this hydrocarbon range is primarily due to the presence of individual analyte peaks in the quantitation range. No fuel pattern detected.

APPENDIX A
HISTORICAL DOCUMENTS

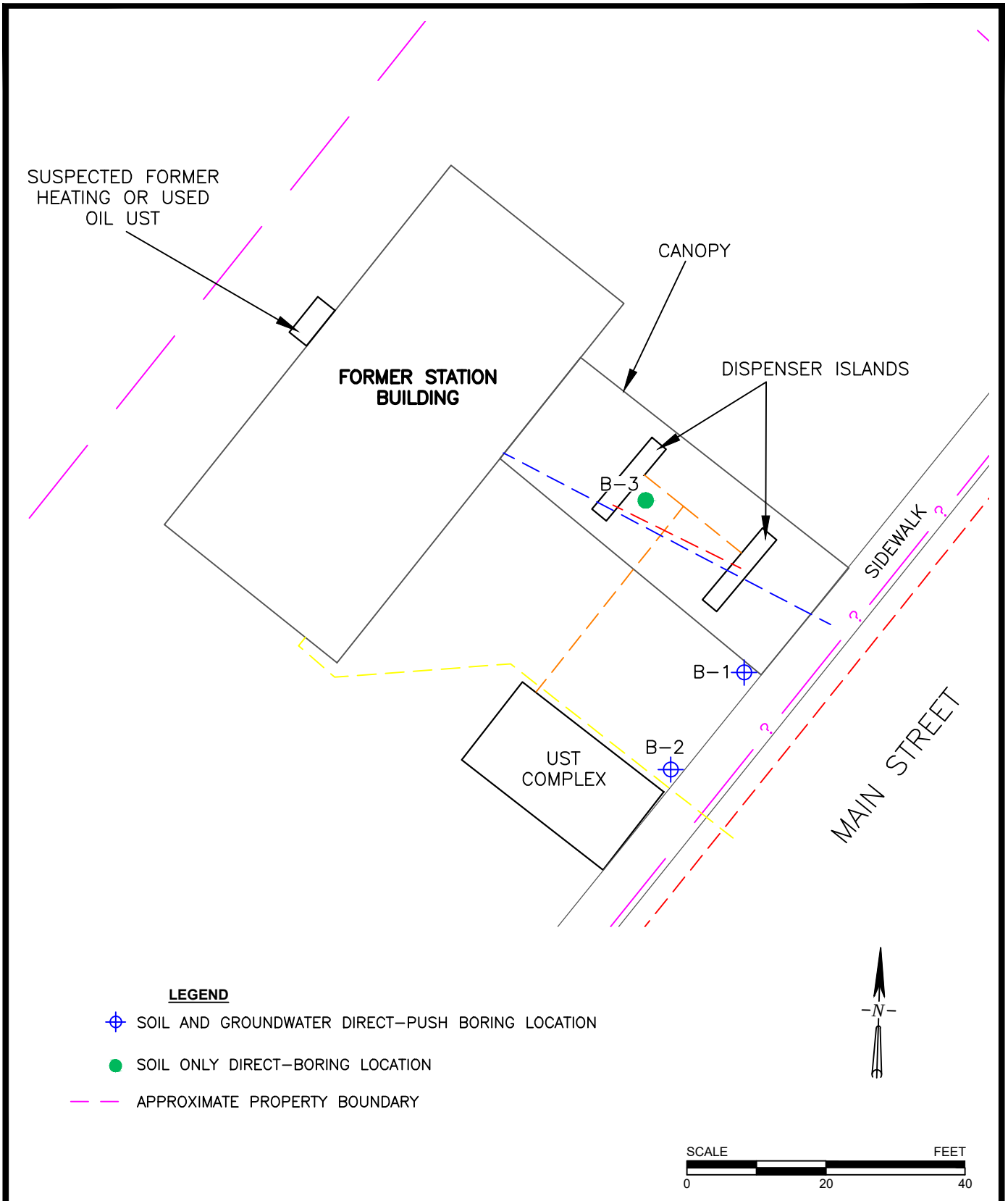

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FIGURE TITLE	***DIRECT-PUSH BORING LOCATION MAP***
DOCUMENT TITLE	LIMITED SOIL AND GROUNDWATER INVESTIGATION REPORT
CLIENT	THE ELIZABETH A. SLADE TRUST, U.T.A.D. JANUARY 26, 1990
LOCATION	135 MAIN STREET KLAMATH FALLS, OREGON

DATE	3/19/15
SCALE	AS SHOWN
DESIGNED BY	DJL
APPROVED BY	DJL
DRAWN BY	DMS
PROJECT NUMBER	1005-005.001
FIGURE NUMBER	1

Table 1
Summary of Soil Analytical Results - TPH and Gasoline Range Volatile Organic Compounds

Sample Location	Sample ID	Sample Depth (ft bgs)	Date Sampled	DEQ NWTPH-Gx (mg/kg)	Select Volatile Organic Compounds USEPA Method 8260B (mg/kg)											
				Gasoline	Benzene	Toluene	Ethylbenzene	Total Xylenes	Naphthalene	Methyl *tert* -butyl benzene (MTBE)	*iso* -propylbenzene	*n* -propylbenzene	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene
B-1	B-1-3	3	03/17/15	2,090	**1.950**	0.289	**19.200**	1.070	21.500	<0.0668	4.570	14.400	<0.0668	<0.0668	0.131	<0.0668
	B-1-9	9	03/17/15	2,840	**2.720**	0.102	1.500	0.334	<0.289	<0.0723	1.370	2.620	<0.0723	<0.0723	0.0862	0.0897
B-2	B-2-9	9	03/17/15	2,520	**1.640**	0.0851	1.520	0.618	2.630	<0.0652	0.904	2.400	<0.0652	<0.0652	0.146	0.129
	B-2-13	13	03/17/15	110	0.3480	<0.0684	0.0932	<0.2050	<0.2730	<0.0684	<0.0684	0.0975	<0.0684	<0.0684	<0.0684	<0.0684
B-3	B-3-4	4	03/17/15	1,170	**3.750**	<0.435	6.180	9.780	4.680	<0.435	5.630	17.500	<0.435	<0.435	33.900	6.790
	B-3-7	7	03/17/15	<13.3	**3.000**	<0.104	<0.104	<0.312	<0.416	0.498	<0.104	<0.104	<0.104	<0.104	<0.104	<0.104
Soil Ingestion, Dermal Contact, and Inhalation - Excavation Wo				>Max	9,500	680,000	44,000	540,000	16,000	>Csat	670,000	NE	230	5,000	54,000	86,000
Volatilization to Outdoor Air - Occupational [a]				69,000	50	>Csat	160	>Csat	99	1,500	>Csat	NE	0.65	15	1,000	>Csat
Vapor Intrusion into Buildings - Occupational [a]				>Max	1.2	>Csat	12	>Csat	99	74	>Csat	NE	0.14	0.59	1,000	>Csat

Notes:

DEQ - Oregon Department of Environmental Quality

USEPA - United States Environmental Protection Agency

mg/kg - Milligrams per kilogram

ft bgs - Feet below ground surface

< - Not reported at, or above, the indicated laboratory method reporting limit

NA - Not applicable

NE - Not established

ND - Not reported at, or above, laboratory method reporting limits for multiple constituents

Bold value exceeds generic *Vapor Intrusion into Buildings - Occupational RBC*

RBC - Risk-based Concentration

-- - Not Analyzed

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

>Csat - This soil RBC exceeds the limit of free-phase equilibrium partitioning

[a] Risk-based concentrations are referenced from September the 2003 DEQ *Risk-Based Decision Making For the Remediation of Petroleum-Contaminated Sites* , June 7, 2012 update.

Table 2
Summary of Groundwater Analytical Results - Gasoline and Volatile Organic Compounds

Boring ID	Sample ID	Date Sampled	DEQ NWTPH-Gx (µg/L)	Select Volatile Organic Compounds USEPA Method 8260B (µg/L)											
			Gasoline	Benzene	Toluene	Ethylbenzene	Total Xylenes	Methyl tert-butyl ether (MTBE)	Naphthalene	n-Propylbenzene	Isopropylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	1,2-Dibromoethane (EDB)	1,2-Dichloroethane (EDC)
B-1	B-1-031715	03/17/15	2,460	**5,630**	25.8	77.7	20.3	207	29.4	53.9	45.7	7.1	<1.0	<1.0	<1.0
B-2	B-2-031715	03/17/15	8,910	256	22.9	455	1,160	426	163	95.6	40.4	468	152	<1.0	<1.0
Groundwater in Excavation [a]			14,000	1,700	210,000	4,400	23,000	62,000	500	NE	>S	1,700	23,000	28	630
Volatilization to Outdoor Air - Urban Residential [a]			>S	7,600	>S	22,000	>S	610,000	8,400	NE	>S	>S	>S	520	5,100
Volatilization to Outdoor Air - Occupational [a]			>S	14,000	>S	41,000	>S	1,100,000	16,000	NE	>S	>S	>S	960	9,500
Vapor Intrusion into Buildings - Urban Residential [a]			22,000	510	>S	1,300	58,000	110,000	1,800	NE	>S	5,000	>S	130	690
Vapor Intrusion into Buildings - Occupational [a]			>S	2,800	>S	7,400	>S	590,000	10,000	NE	>S	>S	>S	690	3,800

Notes:

DEQ - Oregon Department of Environmental Quality

USEPA - United States Environmental Protection Agency

µg/L - Micrograms per Liter

< - Not reported at, or above, the indicated laboratory method reporting limit

-- - Not analyzed

>S - This groundwater RBC exceeds the solubility limit

NV - This chemical is considered "nonvolatile" for purposes of exposure calculations

Bold value exceeds potentally applicable generic RBC

RBC - Risk-based Concentration

NE - Not established

[a] Risk-based concentrations are referenced from September, 2003 DEQ *Risk-Based Decision-Making For the Remediation of Petroleum-Contaminated Sites* , June 2012 update.

Location 135 MAIN STREET, K.FALLS Date 3/17/15

Project / Client MAY - SLADE

0730: Arrive on site for soil + GW sampling.

0740: CASCADE DRILLING on site

0810: Set up on Boring B-1 Located SW of southern pump Island

0840 Collect sample B-1-9

0900 TO 20' - GW water - Driller Retrieve - Set temp well screened 5-20

0920 - HAND Auger 0-3 AT B-2 near gas line + USTs

0950 Collect sample B-2-9 - Advance TO 20' Retrieve - Set temp well 5-20

1010 Move TO B-3 LOCATED Adjacent to north pump Islands.

1040 Collect sample B-3-9

1050 - Temp well in B-1 = 1.5' H2O
Temp well in B-2 = 1' H2O

1120 - Collect sample of IDW water
ID = IDW - WATER - ~~3-9-15~~

1230 At Boring B-1 TO collect H2O sample - DTW = 15' bgs
- well purged DRY AFTER 2 Liters
Recovery RATE ~ 0.05 Ft/min

Location 135 MAIN STREET Date 3/17/15

Project / Client MAY - SLADE

1300 - AT Boring, B-2 TO collect H2O Sample - Depth TO WATER 15.73' - well purged DRY AFTER ~2 L - Let Recharge

1530 - Collect H2O Sample from Boring B-1 ID = B-1-031715

1550 - Collect H2O Sample from Boring B-2 - ID = B-2-031715

1615; OFFSITE.

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LOG OF EXPLORATORY BORING

CLIENT/PROJECT NAME: 135 MAIN ST. SHELL
PROJECT #: 1005-005.001
GEOLOGIST/ENGINEER: D. SEAVEN
DRILLING CONTRACTOR: CASCADE
DRILLING METHOD: Direct-Push
HOLE DIAMETER: 2"

BORING ID: B-1
DATE BEGAN: 3/17/15
DATE COMPLETED: 3/17/15
TOTAL DEPTH:
SHEET: 1 OF 1

WATER LEVEL DATA				
DEPTH				
TIME				
DATE				
BORING DEPTH				

FIELD LOCATION OF BORING:

GROUND ELEVATION:
DATUM:

OTHER PID	WELL OR PIEZOMETER	DETAILS	SAMPLING METHOD	SAMPLE ID	BLOW COUNT	DEPTH SAMPLED	DEPTH IN FEET	SOIL GROUP SYMBOL (USCS)	LITHOLOGIC DESCRIPTION
							0		0-0.25 - Asphalt
							1		0.25 - 5.5 Dark Brown / Black Silt Damp - With Hydrocarbon odor
5							2	ML	
56	#B-1-3 (0820)					X	3		
							4		
11							5		
							6	ML	5.5 - 6 - Light Gray Silt - Slight Damp Hydrocarbon odor
20							7		6-7 - Light Brown Silty Fine sand - Dry
									7-10 ~~Brown silt~~ → Brown / Light Gray Fine sandy Silt Hydrocarbon odor Damp
366							8		
1	B-1-9 0840						9	ML	
							10		10 - 11 - ~~Light~~ Dark Brown Silty with Trace gravel - Dense Damp
176							11		
							12		11 - 16 Medium Brown ~~Silty with~~ Gravelly Silt - Very Dense Damp - moist
							13		
7							14		
							15		
							16		16 - 20 - Pink / white / Light yellow CALICHE Dry - Damp
6							17		
							18		
							19		
							20		

NOTES:

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LOG OF EXPLORATORY BORING

CLIENT/PROJECT NAME: 135 MAIN ST SITE #1
PROJECT #: 1005-005.001
GEOLOGIST/ENGINEER: D. SEAMEN
DRILLING CONTRACTOR: CASCADE
DRILLING METHOD: Direct-push
HOLE DIAMETER: 2"

BORING ID: B-2
DATE BEGAN: 3/17/15
DATE COMPLETED: 3/17/15
TOTAL DEPTH:
SHEET: 1 OF 1

OTHER PID	WELL OR PIEZOMETER	DETAILS	SAMPLING METHOD	SAMPLE ID	BLOW COUNT	DEPTH SAMPLED	DEPTH IN FEET	SOIL GROUP SYMBOL (USCS)
117							0	
252							1	
37							2	
370							3	
366	B-2-09 0950					X	4	
91							5	
20	B-2-13 (1000)					X	6	
							7	
							8	
							9	
							10	
							11	
							12	
							13	
							14	
							15	
							16	
							17	
							18	
							19	
							20	

WATER LEVEL DATA

DEPTH				
TIME				
DATE				
BORING DEPTH				

FIELD LOCATION OF BORING:

(COSTS)
GROUND ELEVATION:
DATUM:

LITHOLOGIC DESCRIPTION

0 - 0.25 Asphalt
0.25 - 11 - Dark Brown silt Hydrocarbon odor

11 - 18 - medium Brown silt with Gravel - Dense - moist

18 - 20 - Pink/white Caliche Dry

NOTES:

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LOG OF EXPLORATORY BORING

CLIENT/PROJECT NAME 135 MAIN STREET SHELL
PROJECT # 1005-005.001
GEOLOGIST/ENGINEER D. JEAVEN
DRILLING CONTRACTOR CASCADE
DRILLING METHOD Direct-PUSH
HOLE DIAMETER 2"

BORING ID. B-3
DATE BEGAN 3/17/15
DATE COMPLETED 3/17/15
TOTAL DEPTH
SHEET 1 OF 1

FIELD LOCATION OF BORING: North pump Island

GROUND ELEVATION
DATUM

WATER LEVEL DATA				
DEPTH				
TIME				
DATE				
BORING DEPTH				

OTHER PID	WELL OR PIEZOMETER	DETAILS	SAMPLING METHOD	SAMPLE ID	BLOW COUNT	DEPTH SAMPLED	DEPTH IN FEET	SOIL GROUP SYMBOL (USCS)	LITHOLOGIC DESCRIPTION
							0		0-0.25 - Concrete
							1		0.25-6 - Light grey SANDY SILT Hydrocarbon odor
							2		
							3		
265	B-3-4 (1040)					X	4		
							5		
							6		6-10 - white / yellow / grey CARBONATE
11	B-3-7 (1100)					X	7		
							8		
							9		
							10		

NOTES:

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
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(612)607-1700

March 26, 2015

Dan Landry
Environmental Technologies Gro
1176 West 7th Avenue
Eugene, OR 97402

RE: Project: 1005-005.001 MAY-SLADE-MAIN ST
Pace Project No.: 10300019

Dear Dan Landry:
Enclosed are the analytical results for sample(s) received by the laboratory on March 19, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jennifer Gross
jennifer.gross@pacelabs.com
Project Manager

Enclosures

cc: Dave Seaver, Environmental Technologies Group, Inc.

Pace Analytical Services, Inc.
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CERTIFICATIONS

Project: 1005-005.001 MAY-SLADE-MAIN ST
Pace Project No.: 10300019

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Alabama Certification #40770
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: 8TMS-L
Florida/NELAP Certification #: E87605
Guam Certification #:14-008r
Georgia Certification #: 959
Georgia EPD #: Pace
Idaho Certification #: MN00064
Hawaii Certification #MN00064
Illinois Certification #: 200011
Indiana Certification#C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky Dept of Envi. Protection - DW #90062
Kentucky Dept of Envi. Protection - WW #:90062
Louisiana DEQ Certification #: 3086
Louisiana DHH #: LA140001
Maine Certification #: 2013011
Maryland Certification #: 322
Michigan DEPH Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Carolina State Public Health #: 27700
North Dakota Certification #: R-036
Ohio EPA #: 4150
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Saipan (CNMI) #:MP0003
South Carolina #:74003001
Texas Certification #: T104704192
Tennessee Certification #: 02818
Utah Certification #: MN000642013-4
Virginia DGS Certification #: 251
Virginia/VELAP Certification #: Pace
Washington Certification #: C486
West Virginia Certification #: 382
West Virginia DHHR #:9952C
Wisconsin Certification #: 999407970

Pace Analytical Services, Inc.
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SAMPLE SUMMARY

Project: 1005-005.001 MAY-SLADE-MAIN ST
Pace Project No.: 10300019

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10300019001	**B-1-3**	Solid	03/17/15 08:20	03/19/15 09:30
10300019002	**B-1-9**	Solid	03/17/15 08:40	03/19/15 09:30
10300019003	**B-2-9**	Solid	03/17/15 09:50	03/19/15 09:30
10300019004	**B-3-4**	Solid	03/17/15 10:40	03/19/15 09:30

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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(612)607-1700

SAMPLE ANALYTE COUNT

Project: 1005-005.001 MAY-SLADE-MAIN ST
Pace Project No.: 10300019

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10300019001	**B-1-3**	NWTPH-Gx	LLC	2	PASI-M
		ASTM D2974	JDL	1	PASI-M
		EPA 8260	LPM	15	PASI-M
10300019002	**B-1-9**	NWTPH-Gx	LLC	2	PASI-M
		ASTM D2974	JDL	1	PASI-M
		EPA 8260	LPM	15	PASI-M
10300019003	**B-2-9**	NWTPH-Gx	LLC	2	PASI-M
		ASTM D2974	JDL	1	PASI-M
		EPA 8260	LPM	15	PASI-M
10300019004	**B-3-4**	NWTPH-Gx	LLC	2	PASI-M
		ASTM D2974	JDL	1	PASI-M
		EPA 8260	LPM	15	PASI-M

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: 1005-005.001 MAY-SLADE-MAIN ST
Pace Project No.: 10300019

Sample: B-1-3 **Lab ID: 10300019001** Collected: 03/17/15 08:20 Received: 03/19/15 09:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
TPH as Gas	**2090**	mg/kg	239	20	03/25/15 09:31	03/25/15 17:11		
Surrogates								
a,a,a-Trifluorotoluene (S)	108	%.	50-150	20	03/25/15 09:31	03/25/15 17:11	98-08-8	
Dry Weight	Analytical Method: ASTM D2974							
Percent Moisture	**25.2**	%	0.10	1		03/20/15 14:01		
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	**1950**	ug/kg	26.7	1	03/20/15 11:50	03/23/15 16:50	71-43-2	D6
1,2-Dibromoethane (EDB)	ND	ug/kg	66.8	1	03/20/15 11:50	03/23/15 16:50	106-93-4	
1,2-Dichloroethane	ND	ug/kg	66.8	1	03/20/15 11:50	03/23/15 16:50	107-06-2	
Ethylbenzene	**19200**	ug/kg	334	5	03/20/15 11:50	03/25/15 07:41	100-41-4	D6
Isopropylbenzene (Cumene)	**4570**	ug/kg	66.8	1	03/20/15 11:50	03/23/15 16:50	98-82-8	D6
Methyl-tert-butyl ether	ND	ug/kg	66.8	1	03/20/15 11:50	03/23/15 16:50	1634-04-4	
Naphthalene	**21500**	ug/kg	1340	5	03/20/15 11:50	03/25/15 07:41	91-20-3	D6
n-Propylbenzene	**14400**	ug/kg	66.8	1	03/20/15 11:50	03/23/15 16:50	103-65-1	D6
Toluene	**289**	ug/kg	66.8	1	03/20/15 11:50	03/23/15 16:50	108-88-3	D6
1,2,4-Trimethylbenzene	**131**	ug/kg	66.8	1	03/20/15 11:50	03/23/15 16:50	95-63-6	D6
1,3,5-Trimethylbenzene	ND	ug/kg	66.8	1	03/20/15 11:50	03/23/15 16:50	108-67-8	
Xylene (Total)	**1070**	ug/kg	200	1	03/20/15 11:50	03/23/15 16:50	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	106	%.	55-150	1	03/20/15 11:50	03/23/15 16:50	17060-07-0	
Toluene-d8 (S)	109	%.	61-125	1	03/20/15 11:50	03/23/15 16:50	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	54-131	1	03/20/15 11:50	03/23/15 16:50	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 1005-005.001 MAY-SLADE-MAIN ST
Pace Project No.: 10300019

Sample: B-1-9 **Lab ID: 10300019002** Collected: 03/17/15 08:40 Received: 03/19/15 09:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
TPH as Gas	**2840**	mg/kg	281	20	03/25/15 09:31	03/25/15 17:33		
Surrogates								
a,a,a-Trifluorotoluene (S)	118	%.	50-150	20	03/25/15 09:31	03/25/15 17:33	98-08-8	
Dry Weight	Analytical Method: ASTM D2974							
Percent Moisture	**29.1**	%	0.10	1		03/20/15 14:02		
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	**2720**	ug/kg	28.9	1	03/20/15 11:50	03/23/15 16:30	71-43-2	M1
1,2-Dibromoethane (EDB)	ND	ug/kg	72.3	1	03/20/15 11:50	03/23/15 16:30	106-93-4	
1,2-Dichloroethane	ND	ug/kg	72.3	1	03/20/15 11:50	03/23/15 16:30	107-06-2	
Ethylbenzene	**1500**	ug/kg	72.3	1	03/20/15 11:50	03/23/15 16:30	100-41-4	M1
Isopropylbenzene (Cumene)	**1370**	ug/kg	72.3	1	03/20/15 11:50	03/23/15 16:30	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	72.3	1	03/20/15 11:50	03/23/15 16:30	1634-04-4	
Naphthalene	ND	ug/kg	289	1	03/20/15 11:50	03/23/15 16:30	91-20-3	
n-Propylbenzene	**2620**	ug/kg	72.3	1	03/20/15 11:50	03/23/15 16:30	103-65-1	M1
Toluene	**102**	ug/kg	72.3	1	03/20/15 11:50	03/23/15 16:30	108-88-3	
1,2,4-Trimethylbenzene	**86.2**	ug/kg	72.3	1	03/20/15 11:50	03/23/15 16:30	95-63-6	
1,3,5-Trimethylbenzene	**89.7**	ug/kg	72.3	1	03/20/15 11:50	03/23/15 16:30	108-67-8	
Xylene (Total)	**334**	ug/kg	217	1	03/20/15 11:50	03/23/15 16:30	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	87	%.	55-150	1	03/20/15 11:50	03/23/15 16:30	17060-07-0	
Toluene-d8 (S)	111	%.	61-125	1	03/20/15 11:50	03/23/15 16:30	2037-26-5	
4-Bromofluorobenzene (S)	135	%.	54-131	1	03/20/15 11:50	03/23/15 16:30	460-00-4	S2

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 1005-005.001 MAY-SLADE-MAIN ST
Pace Project No.: 10300019

Sample: B-2-9 **Lab ID: 10300019003** Collected: 03/17/15 09:50 Received: 03/19/15 09:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
TPH as Gas	**2520**	mg/kg	318	20	03/25/15 09:31	03/25/15 18:14		
Surrogates								
a,a,a-Trifluorotoluene (S)	112	%.	50-150	20	03/25/15 09:31	03/25/15 18:14	98-08-8	
Dry Weight	Analytical Method: ASTM D2974							
Percent Moisture	**29.6**	%	0.10	1		03/20/15 14:02		
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	**1640**	ug/kg	26.1	1	03/20/15 11:50	03/23/15 17:30	71-43-2	
1,2-Dibromoethane (EDB)	ND	ug/kg	65.2	1	03/20/15 11:50	03/23/15 17:30	106-93-4	
1,2-Dichloroethane	ND	ug/kg	65.2	1	03/20/15 11:50	03/23/15 17:30	107-06-2	
Ethylbenzene	**1520**	ug/kg	65.2	1	03/20/15 11:50	03/23/15 17:30	100-41-4	
Isopropylbenzene (Cumene)	**904**	ug/kg	65.2	1	03/20/15 11:50	03/23/15 17:30	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	65.2	1	03/20/15 11:50	03/23/15 17:30	1634-04-4	
Naphthalene	**2630**	ug/kg	261	1	03/20/15 11:50	03/23/15 17:30	91-20-3	
n-Propylbenzene	**2400**	ug/kg	65.2	1	03/20/15 11:50	03/23/15 17:30	103-65-1	
Toluene	**85.1**	ug/kg	65.2	1	03/20/15 11:50	03/23/15 17:30	108-88-3	
1,2,4-Trimethylbenzene	**146**	ug/kg	65.2	1	03/20/15 11:50	03/23/15 17:30	95-63-6	
1,3,5-Trimethylbenzene	**129**	ug/kg	65.2	1	03/20/15 11:50	03/23/15 17:30	108-67-8	
Xylene (Total)	**618**	ug/kg	195	1	03/20/15 11:50	03/23/15 17:30	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	86	%.	55-150	1	03/20/15 11:50	03/23/15 17:30	17060-07-0	
Toluene-d8 (S)	109	%.	61-125	1	03/20/15 11:50	03/23/15 17:30	2037-26-5	
4-Bromofluorobenzene (S)	118	%.	54-131	1	03/20/15 11:50	03/23/15 17:30	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 1005-005.001 MAY-SLADE-MAIN ST
Pace Project No.: 10300019

Sample: B-3-4 **Lab ID: 10300019004** Collected: 03/17/15 10:40 Received: 03/19/15 09:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx Preparation Method: NWTPH-Gx							
TPH as Gas	**1170**	mg/kg	345	20	03/25/15 09:31	03/25/15 18:34		
Surrogates								
a,a,a-Trifluorotoluene (S)	109	%.	50-150	20	03/25/15 09:31	03/25/15 18:34	98-08-8	
Dry Weight	Analytical Method: ASTM D2974							
Percent Moisture	**41.0**	%	0.10	1		03/20/15 14:02		
8260 MSV 5030 Med Level	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B							
Benzene	**3750**	ug/kg	174	5	03/20/15 11:50	03/23/15 20:25	71-43-2	
1,2-Dibromoethane (EDB)	ND	ug/kg	435	5	03/20/15 11:50	03/23/15 20:25	106-93-4	
1,2-Dichloroethane	ND	ug/kg	435	5	03/20/15 11:50	03/23/15 20:25	107-06-2	
Ethylbenzene	**6180**	ug/kg	435	5	03/20/15 11:50	03/23/15 20:25	100-41-4	
Isopropylbenzene (Cumene)	**5630**	ug/kg	435	5	03/20/15 11:50	03/23/15 20:25	98-82-8	
Methyl-tert-butyl ether	ND	ug/kg	435	5	03/20/15 11:50	03/23/15 20:25	1634-04-4	
Naphthalene	**4680**	ug/kg	1740	5	03/20/15 11:50	03/23/15 20:25	91-20-3	
n-Propylbenzene	**17500**	ug/kg	435	5	03/20/15 11:50	03/23/15 20:25	103-65-1	
Toluene	ND	ug/kg	435	5	03/20/15 11:50	03/23/15 20:25	108-88-3	
1,2,4-Trimethylbenzene	**33900**	ug/kg	435	5	03/20/15 11:50	03/23/15 20:25	95-63-6	
1,3,5-Trimethylbenzene	**6790**	ug/kg	435	5	03/20/15 11:50	03/23/15 20:25	108-67-8	
Xylene (Total)	**9780**	ug/kg	1310	5	03/20/15 11:50	03/23/15 20:25	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	82	%.	55-150	5	03/20/15 11:50	03/23/15 20:25	17060-07-0	
Toluene-d8 (S)	105	%.	61-125	5	03/20/15 11:50	03/23/15 20:25	2037-26-5	
4-Bromofluorobenzene (S)	94	%.	54-131	5	03/20/15 11:50	03/23/15 20:25	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 1005-005.001 MAY-SLADE-MAIN ST
Pace Project No.: 10300019

QC Batch: GCV/13521 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Solid GCV
Associated Lab Samples: 10300019001, 10300019002, 10300019003, 10300019004

METHOD BLANK: 1924751 Matrix: Solid
Associated Lab Samples: 10300019001, 10300019002, 10300019003, 10300019004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	mg/kg	ND	5.0	03/25/15 16:51	
a,a,a-Trifluorotoluene (S)	%.	98	50-150	03/25/15 16:51	

LABORATORY CONTROL SAMPLE & LCSD: 1924753 1924754

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH as Gas	mg/kg	50	49.0	52.2	98	104	75-125	6	20	
a,a,a-Trifluorotoluene (S)	%.				94	91	50-150			

MATRIX SPIKE SAMPLE: 1924755

Parameter	Units	10300019001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
TPH as Gas	mg/kg	2090	123	1990	-86	50-150	P6
a,a,a-Trifluorotoluene (S)	%.				105	50-150	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: 1005-005.001 MAY-SLADE-MAIN ST
Pace Project No.: 10300019

QC Batch: MPRP/53080 Analysis Method: ASTM D2974
QC Batch Method: ASTM D2974 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 10300019001, 10300019002, 10300019003, 10300019004

SAMPLE DUPLICATE: 1922278

Parameter	Units	10300019001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	25.2	25.1	0	30	

SAMPLE DUPLICATE: 1922279

Parameter	Units	10299928017 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	84.7	84.8	0	30	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: 1005-005.001 MAY-SLADE-MAIN ST
Pace Project No.: 10300019

QC Batch: MSV/30834 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV 5030 Med Level
Associated Lab Samples: 10300019001, 10300019002, 10300019003, 10300019004

METHOD BLANK: 1922048 Matrix: Solid
Associated Lab Samples: 10300019001, 10300019002, 10300019003, 10300019004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	ND	50.0	03/23/15 14:12	
1,2-Dibromoethane (EDB)	ug/kg	ND	50.0	03/23/15 14:12	
1,2-Dichloroethane	ug/kg	ND	50.0	03/23/15 14:12	
1,3,5-Trimethylbenzene	ug/kg	ND	50.0	03/23/15 14:12	
Benzene	ug/kg	ND	20.0	03/23/15 14:12	
Ethylbenzene	ug/kg	ND	50.0	03/23/15 14:12	
Isopropylbenzene (Cumene)	ug/kg	ND	50.0	03/23/15 14:12	
Methyl-tert-butyl ether	ug/kg	ND	50.0	03/23/15 14:12	
n-Propylbenzene	ug/kg	ND	50.0	03/23/15 14:12	
Naphthalene	ug/kg	ND	200	03/23/15 14:12	
Toluene	ug/kg	ND	50.0	03/23/15 14:12	
Xylene (Total)	ug/kg	ND	150	03/23/15 14:12	
1,2-Dichloroethane-d4 (S)	%.	85	55-150	03/23/15 14:12	
4-Bromofluorobenzene (S)	%.	100	54-131	03/23/15 14:12	
Toluene-d8 (S)	%.	104	61-125	03/23/15 14:12	

LABORATORY CONTROL SAMPLE: 1922049

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1000	956	96	74-125	
1,2-Dibromoethane (EDB)	ug/kg	1000	891	89	75-125	
1,2-Dichloroethane	ug/kg	1000	792	79	71-125	
1,3,5-Trimethylbenzene	ug/kg	1000	943	94	72-125	
Benzene	ug/kg	1000	866	87	69-125	
Ethylbenzene	ug/kg	1000	927	93	72-125	
Isopropylbenzene (Cumene)	ug/kg	1000	995	100	72-125	
Methyl-tert-butyl ether	ug/kg	1000	817	82	72-125	
n-Propylbenzene	ug/kg	1000	923	92	71-125	
Naphthalene	ug/kg	1000	917	92	55-139	
Toluene	ug/kg	1000	927	93	72-125	
Xylene (Total)	ug/kg	3000	3000	100	74-125	
1,2-Dichloroethane-d4 (S)	%.			82	55-150	
4-Bromofluorobenzene (S)	%.			95	54-131	
Toluene-d8 (S)	%.			101	61-125	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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(612)607-1700

QUALITY CONTROL DATA

Project: 1005-005.001 MAY-SLADE-MAIN ST
Pace Project No.: 10300019

MATRIX SPIKE SAMPLE: 1922164

Parameter	Units	10300019002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	86.2	2770	2980	105	64-150	
1,2-Dibromoethane (EDB)	ug/kg	ND	2770	2880	104	62-147	
1,2-Dichloroethane	ug/kg	ND	2770	2370	86	63-132	
1,3,5-Trimethylbenzene	ug/kg	89.7	2770	2890	101	63-137	
Benzene	ug/kg	2720	2770	3930	44	63-126	M1
Ethylbenzene	ug/kg	1500	2770	3180	61	69-126	M1
Isopropylbenzene (Cumene)	ug/kg	1370	2770	3330	71	65-135	
Methyl-tert-butyl ether	ug/kg	ND	2770	2600	94	66-129	
n-Propylbenzene	ug/kg	2620	2770	3700	39	65-135	M1
Naphthalene	ug/kg	ND	2770	3170	109	62-150	
Toluene	ug/kg	102	2770	2700	94	66-128	
Xylene (Total)	ug/kg	334	8280	8250	96	70-130	
1,2-Dichloroethane-d4 (S)	%.				91	55-150	
4-Bromofluorobenzene (S)	%.				109	54-131	
Toluene-d8 (S)	%.				104	61-125	

SAMPLE DUPLICATE: 1922163

Parameter	Units	10300019001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	131	372	95	30	D6
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	134		30	
Benzene	ug/kg	1950	3390	54	30	D6
Ethylbenzene	ug/kg	19200	33800	55	30	D6
Isopropylbenzene (Cumene)	ug/kg	4570	9400	69	30	D6
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	14400	28500	65	30	D6
Naphthalene	ug/kg	21500	31000	36	30	D6
Toluene	ug/kg	289	550	62	30	D6
Xylene (Total)	ug/kg	1070	2340	75	30	
1,2-Dichloroethane-d4 (S)	%.	106	133	13		
4-Bromofluorobenzene (S)	%.	102	123	10		
Toluene-d8 (S)	%.	109	112	6		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: 1005-005.001 MAY-SLADE-MAIN ST
Pace Project No.: 10300019

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M	Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

D6	The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

Pace Analytical Services, Inc.
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METHOD CROSS REFERENCE TABLE

Project: 1005-005.001 MAY-SLADE-MAIN ST
Pace Project No.: 10300019

Parameter	Matrix	Analytical Method	Preparation Method
8260 MSV 5030 Med Level	Solid	SW-846 8260B	SW-846 5030B

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1005-005.001 MAY-SLADE-MAIN ST
Pace Project No.: 10300019

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10300019001	**B-1-3**	NWTPH-Gx	GCV/13521	NWTPH-Gx	GCV/13527
10300019002	**B-1-9**	NWTPH-Gx	GCV/13521	NWTPH-Gx	GCV/13527
10300019003	**B-2-9**	NWTPH-Gx	GCV/13521	NWTPH-Gx	GCV/13527
10300019004	**B-3-4**	NWTPH-Gx	GCV/13521	NWTPH-Gx	GCV/13527
10300019001	**B-1-3**	ASTM D2974	MPRP/53080		
10300019002	**B-1-9**	ASTM D2974	MPRP/53080		
10300019003	**B-2-9**	ASTM D2974	MPRP/53080		
10300019004	**B-3-4**	ASTM D2974	MPRP/53080		
10300019001	**B-1-3**	EPA 5035/5030B	MSV/30834	EPA 8260	MSV/30842
10300019002	**B-1-9**	EPA 5035/5030B	MSV/30834	EPA 8260	MSV/30842
10300019003	**B-2-9**	EPA 5035/5030B	MSV/30834	EPA 8260	MSV/30842
10300019004	**B-3-4**	EPA 5035/5030B	MSV/30834	EPA 8260	MSV/30842

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

RUSH 10300014

Page: 1 of 1

1845078

Section A Required Client Information:

Company:	ETL
Address:	1176 West 7th Ave, Eugene, OR 97402
Email To:	D. Landry
Phone:	541-743-2620
Fax:	541-743-2421
Requested Due Date/TAT:	Standard + Rush 5 Day

Section B Required Project Information:

Report To:	D. Landry
Copy To:	D. Seaver
Purchase Order No.:	
Project Name:	May-Slade - Main Street
Project Number:	1005-005.001

Section C Invoice Information:

Attention:	D. Landry
Company Name:	ETG
Address:	Same
Pace Quote Reference:	
Pace Project Manager:	J. Gross
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☒ UST ☐ RCRA ☐ OTHER

Site Location STATE: OR

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	Composite Start DATE	Composite Start TIME	Composite End/Grab DATE	Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	NWTPH-Gx	Gas Range VOCs (8260)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	B-1-3	SL	G			3/17/15	0920		10	X						X	X		X	X		001
2	B-1-9	SL	G			3/17/15	0840		10	X						X	X		X	X		002
3	B-2-9	SL	G			3/17/15	0950		10	X						X	X		X	X		003
4	B-3-4	SL	G			3/17/15	1040		10	X						X	X		X	X		004
5	Soil Trip-2	—	—			3/17/15	—		4							X	X		X	X		005
6																						
7																						
8																						
9																						
10																						
11																						
12																						

Items 1–2: Standard TAT
Items 3–4: Rush - 5 Day TAT *
Item 5: Hold Trip Blank

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
5035 kits frozen on 3/17/15; B-2-9 + B-3-4 = Rush 5 Day TAT	[signature] ETL	3/18/15	1430	[signature] Pace	3/19/15	930	0.7	Y	Y	Y
							Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: David Seaver

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 3/18/15

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical®	Document Name: Sample Condition Upon Receipt Form	Document Revised: 28Feb2014 Page 1 of 1
	Document No.: F-MN-L-213-rev.09	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt

Client Name: ET6

Project #: WO#: 10300019

10300019

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ SpeeDee ☐ Other:

Tracking Number: 5779 5332 9375

Custody Seal on Cooler/Box Present? ☑ Yes ☐ No **Seals Intact?** ☑ Yes ☐ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other: **Temp Blank?** ☑ Yes ☐ No

Thermom. Used: ☑ B88A9130516413 ☐ B88A912167504 ☐ B88A9132521491 **Type of Ice:** ☑ Wet ☐ Blue ☐ None ☐ Samples on ice, cooling process has begun

Cooler Temp Read (°C): 0.7 **Cooler Temp Corrected (°C):** 0.7 **Biological Tissue Frozen?** ☐ Yes ☐ No ☑ N/A

Temp should be above freezing to 6°C **Correction Factor:** +0.0 **Date and Initials of Person Examining Contents:** RH 3/19/15

				Comments:
Chain of Custody Present?	☑ Yes	☐ No	☐	1.
Chain of Custody Filled Out?	☑ Yes	☐ No	☐	2.
Chain of Custody Relinquished?	☑ Yes	☐ No	☐	3.
Sampler Name and/or Signature on COC?	☑ Yes	☐ No	☐	4.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☑ No	☐	6.
Rush Turn Around Time Requested?	☑ Yes	☐ No	☐	7.
Sufficient Volume?	☑ Yes	☐ No	☐	8.
Correct Containers Used?	☑ Yes	☐ No	☐	9.
-Pace Containers Used?	☑ Yes	☐ No	☐	
Containers Intact?	☑ Yes	☐ No	☐	10.
Filtered Volume Received for Dissolved Tests?	☐ Yes	☐ No	☑	11.
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: SL	☑ Yes	☐ No	☐ N/A	12.
All containers needing acid/base preservation have been checked?	☐ Yes	☐ No	☑ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl<2; NaOH >9 Sulfide, NaOH>12 Cyanide)	☐ Yes	☐ No	☑ N/A	Sample #
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC	☐ Yes	☑ No		Initial when completed: Lot # of added preservative:
Headspace in VOA Vials (>6mm)?	☐ Yes	☐ No	☑ N/A	14.
Trip Blank Present?	☑ Yes	☐ No	☐ N/A	15.
Trip Blank Custody Seals Present?	☐ Yes	☑ No	☐ N/A	
Pace Trip Blank Lot # (If purchased):				

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☑ No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Date: 3/19/15

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

APPENDIX B
PERMITS/DEQ FORMS

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND STORAGE TANK PROGRAM

30-DAY NOTICE OF INTENT TO DECOMMISSION USTS OR COMPLETE A CHANGE-IN-SERVICE

1. FACILITY (Location of Tanks) (*Please Print*)

Name: MAIN STREET MARKET
Address: 135 MAIN ST.
KLAMATH FALLS, OR. 97601
Phone: 541-887-8900

2. PERMITTEE (*Please Print*)

Name: TODD ROA RK
Address: 1301 ESPLANADE AVE
KLAMATH FALLS, OR. 97601
Phone: 541-281-3833

DEQ General Permit Operating Certificate Number: 1521

Work To Be Performed By: LSP - ED STAUB AND SONS PETROLEU License # 15766
(Permittee, Tank Owner, Property Owner or Licensed Service Provider) (Service Provider)

Phone: 541-887-8900 Mobile Phone: 541-281-3833

THIS FORM MUST BE SUBMITTED BY UST PERMITTEE 30 DAYS BEFORE START OF WORK

YOU MUST CONTACT YOUR LOCAL DEQ REGIONAL OFFICE 3-DAYS BEFORE STARTING ANY DECOMMISSIONING WORK. (Phone numbers are listed on Page 2)

Will tank removal or potential cleanup affect adjacent property or Right-of-Way property? Yes ☐ No ☑

Date decommissioning is scheduled to begin: 01/02/2023

			PRODUCT: GASOLINE, DIESEL, USED OIL, OTHER?		CLOSURE OR CHANGE-IN-SERVICE?			TANK TO BE REPLACED?	
TANK ID #	DEQ-UST PERMIT #	TANK SIZE IN GALLONS	PRESENT	NEW	TANK REMOVAL	CLOSURE IN PLACE♦	CHANGE IN SERVICE♦	YES*	NO
1	EJBB	6,000	GAS		☑	☐	☐	☑	☐
2	EJBC	6,000	GAS		☑	☐	☐	☑	☐
3	EJBD	4,000	GAS		☑	☐	☐	☑	☐
					☐	☐	☐	☐	☐
					☐	☐	☐	☐	☐

* If decommissioned tank(s) are to be replaced by new underground storage tanks you must submit a *General Permit Registration Form to Install and Operate USTs* for the new tanks **30 days** before installing them.

♦ Submit a soil sampling plan to the DEQ regional office and receive plan approval prior to starting work if (1) tank is to be decommissioned in-place, (2) tank contents are changed to an unregulated substance or (3) tank contains a regulated substance other than petroleum.

Permittee: TODD ROA RK
(*Please Print*)

Permittee: _____ Date: 12/1/20
(*Signature*)

Ed Staub & Sons
Energy. Community. Service

Lou Milani <lou.milani@edstaub.com>

FW: 3 Day Notice for Decommissioning has been approved

1 message

GARCIA Andrea * DEQ <Andrea.GARCIA@deq.oregon.gov> Wed, Feb 22, 2023 at 3:50 PM
To: Lou Milani <lou.milani@edstaub.com>

Here is your 3 day number. And I see contamination was reported in 2017.

-----Original Message-----
From: Oregon DEQ - Do not Reply - Production Server <noreply@deq.oregon.gov>
Sent: Wednesday, February 22, 2023 3:48 PM
To: GARCIA Andrea * DEQ <Andrea.GARCIA@deq.oregon.gov>; KORTENHOF Mike * DEQ <Mike.KORTENHOF@deq.oregon.gov>; DROUIN Mark * DEQ <Mark.DROUIN@deq.oregon.gov>; ECKERT Dylan * DEQ <Dylan.ECKERT@deq.oregon.gov>; FOSS Diana * DEQ <Diana.FOSS@deq.oregon.gov>; DIMOCK Lauren * DEQ <Lauren.DIMOCK@deq.oregon.gov>; THROCKMORTON Jenna * DEQ <Jenna.THROCKMORTON@deq.oregon.gov>; GAFFNEY Ingrid * DEQ <Ingrid.GAFFNEY@deq.oregon.gov>; PARDUE Dave * DEQ <Dave.PARDUE@deq.oregon.gov>; MORRIS Christina * DEQ <Christina.MORRIS@deq.oregon.gov>
Subject: 3 Day Notice for Decommissioning has been approved

A 3 Day Notice for Decommissioning has been approved for:
Facility: MAIN STREET MARKET(1521) in KLAMATH County.
Approved by: Andrea Garcia
Supervisor: Shannon Erickson
Service Provider: Ed Staub & Sons Petroleum, Inc.
Work scheduled for: 02/28/2023
3 Day Confirmation #: 18-3D-23-010
Comments: 12/2/22 Per Lou Milani, tanks to be removed and replaced. The plan is to remove the tanks and excavate the area, removing contaminated soil. Work to begin 1/2/23. Please advise if schedule changes. (AMG) 2/22/23 - Tank removal to begin Tues-Weds next week. Please contact DEQ if schedule changes or if contamination is encountered. (AMG)

Underground Storage Tank Program
Facility Summary Report

For Facility 1521 - MAIN STREET MARKET

General Information

Facility ID: 1521
Facility: MAIN STREET MARKET
Facility Contact: Mike Poole
Address: 135 MAIN ST
City, State, Zip: KLAMATH FALLS,OR 97601
County: KLAMATH
Region: ER

Phone Number: (541) 887-8914
Group Or Area:
Last FCI: FCI 7/27/2016

Current Cert No:
Training Date:
Training Exempt: N
LUST Facility: YES

Financial Responsibility	FR In Compliance	Begin Date	End Date
Insurance	YES	8/18/2007	8/18/2008
Insurance	YES	8/18/2005	8/18/2006
Insurance	YES	8/18/2004	8/18/2005

Tank Details

Tank ID	Permit #	Tank Status	Age	Gallons	Tank Content	EGen	CERCLA	CAS#	Other	Material
1	EJBB	Active	51	6,000	Gasoline	N				Cathodically Protected Steel
2	EJBC	Active	51	6,000	Gasoline	N				Cathodically Protected Steel
3	EJBD	Active	38	4,000	Gasoline	N				Cathodically Protected Steel

Underground Storage Tank Program
Facility Summary Report

For Facility 1521 - MAIN STREET MARKET

Facility Contacts

Owner Type	Contact	Organization	Address	City, St, Zip	Phone
LegalOwner	Todd Roark	Ed Staub & Sons Petroleum, Inc.	1301 Esplanade Ave	Klamath Falls, OR 97601-5902	(541) 281-3833
Permittee	Todd Roark	Ed Staub & Sons Petroleum, Inc.	1301 Esplanade Ave	Klamath Falls, OR 97601-5902	(541) 281-3833
UST Owner	Todd Roark	Ed Staub & Sons Petroleum, Inc.	1301 Esplanade Ave	Klamath Falls, OR 97601-5902	(541) 281-3833

Complance Payment

Invoice ID	Status	Tank Fee	Fee Rcvd Amount
UST22-00296	DUE	$1010.00	$0.00
UST21-00301	DUE	$1010.00	$0.00
UST20-00305	DUE	$920.00	$0.00
UST19-00305	DUE	$770.00	$0.00
UST18-00308	PAID	$620.00	$620.00
UST17-00313	DUE	$440.00	$0.00
UST16-00314	DUE	$440.00	$0.00
UST15-00318	DUE	$440.00	$0.00
UST14-00322	DUE	$440.00	$0.00
UST13-00322	DUE	$440.00	$0.00
UST12-00326	DUE	$440.00	$0.00
UST11-00329	DUE	$440.00	$0.00
UST10-00335	DUE	$440.00	$0.00
UST09-00338	DUE	$440.00	$0.00
UST08-00353	PAID	$405.00	$405.00

LUST Information

LUST Log Number	Final Invoice Date	Date Closed
18-17-0067		

Underground Storage Tank Program
Facility Summary Report

For Facility 1521 - MAIN STREET MARKET

Complance Payment

Invoice ID	Status	Tank Fee	Fee Rcvd Amount
UST07-00361	PAID	$255.00	$255.00
UST06-00369	PAID	$255.00	$255.00
UST05-00381	PAID	$290.00	$290.00
UST04-00385	PAID	$255.00	$255.00
UST03-00393	PAID	$255.00	$255.00
UST02-00396	PAID	$315.00	$315.00
UST01-00409	PAID	$180.00	$180.00
UST00-00434	PAID	$180.00	$180.00

Tank Construction Details of Active Tanks

Tank Code: 1

Tank Manufacture:

Certificate: Temp Close

Installation Date: 4/28/1971

Pipe Manufacture: Environ

Est Gallons: 6,000

Lining Date:

Spill Device Type: Spill Bucket

Cathodic Date:

Overfill Device Type: Automatic Shutoff Device

Tank Construction:	Substance:	Tank Release Detection:
- Cathodically Protected Steel	- Gasoline	- Inventory control

Pipe Material:	Pipe Type:	Pipe Release Detection:
- Flexible Plastic - Double Walled	- Pressure	- Automatic line leak detectors: Mechanica - Line tightness testing

Tank Code: 2

Tank Manufacture:

Underground Storage Tank Program
Facility Summary Report

For Facility 1521 - MAIN STREET MARKET

Certificate: Temp Close
Installation Date: 4/28/1971
Pipe Manufacture: Environ
Est Gallons: 6,000
Lining Date:
Spill Device Type: Spill Bucket
Cathodic Date:
Overfill Device Type: Automatic Shutoff Device

Tank Construction:	Substance:	Tank Release Detection:
- Cathodically Protected Steel	- Gasoline	- Inventory control

Pipe Material:	Pipe Type:	Pipe Release Detection:
- Flexible Plastic - Double Walled	- Pressure	- Automatic line leak detectors: Mechanica - Line tightness testing

Tank Code: 3
Tank Manufacture:
Certificate: Temp Close
Installation Date: 4/28/1984
Pipe Manufacture: Environ
Est Gallons: 4,000
Lining Date:
Spill Device Type: Spill Bucket
Cathodic Date:
Overfill Device Type: Automatic Shutoff Device

Tank Construction:	Substance:	Tank Release Detection:
- Cathodically Protected Steel	- Gasoline	- Inventory control

Pipe Material:	Pipe Type:	Pipe Release Detection:
- Flexible Plastic - Double Walled	- Pressure	- Automatic line leak detectors: Mechanica - Line tightness testing

State of Oregon Department of Environmental Quality

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND STORAGE TANK PROGRAM

UNDERGROUND STORAGE TANK DECOMMISSIONING CHECKLIST AND SITE ASSESSMENT REPORT

A. FACILITY INFORMATION:

This report MUST be submitted by the underground storage tank permittee or tank owner, or the licensed DEQ Service Provider on their behalf, **within 30 days following completion of the tank decommissioning or change-in-service regardless of ongoing cleanup work.**

DEQ FACILITY NUMBER: 1521

FACILITY NAME: Main Street Market

FACILITY ADDRESS: 135 Main Street, Klamath Falls, Oregon 97601

PERMITTEE PHONE: (541) 887-8914 DATE: 6/15/2023

B. WORK PERFORMED BY:

The checklist and site assessment report should be completed and signed by the DEQ licensed supervisor and signed by an executive officer of the DEQ licensed Service Provider on page 6. The tank owner or permittee must review and sign the report on page 6. **NOTE: AN OWNER OR PERMITTEE MAY PERFORM UST SERVICES ONLY IF THEY HAVE TAKEN AND PASSED THE APPROPRIATE UST SUPERVISOR EXAMINATION OFFERED BY A NATIONAL TESTING SERVICE (SEE OAR 340-150-0156 for requirements).**

DEQ Service Provider's License #: 15766 Construction Contractors Board License #: 69058

Name: Ed Staub & Sons Petroleum, Inc.

Telephone: (541) 887-8900

DEQ Decommissioning Supervisor's License #: 27335

Name: Shannon Erickson

Telephone: (541) 281-2155

DEQ Soil Matrix Service Provider's License #: _____ (If applicable)

Name: _____

Telephone: _____

DEQ Soil Matrix Supervisor's License #: _____ (If applicable)

Name: _____

Telephone: _____

I. SAFETY EQUIPMENT ON JOB SITE:

Fire Extinguisher:	Type/Size: _____	Recharge Date: _____
Combustible Gas Detector:	Model: _____	Calibration Date: _____
Oxygen Analyzer:	Model: _____	Calibration Date: _____

J. DECOMMISSIONING:

All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)	YES	NO	UNKNOWN	N/A
1. All electrical equipment grounded and explosion proof?	✓			
2. Safety equipment on job site?	✓			
3. Overhead electrical lines located?	✓			
4. Subsurface electrical lines off or disconnected?	✓			
5. Natural gas lines off or disconnected?	✓			
6. No open fires or smoking material in area?	✓			
7. Vehicle and pedestrian traffic controlled?	✓			
8. Excavation material area cleared?	✓			
9. Rainwater runoff directed to treatment area?	✓			
10. Drained and collected product from lines?	✓			
11. Removed product and residual from tank?	✓			
12. Cleaned tank?	✓			
13. Excavated to top of tank?	✓			
14. Removed tank fixtures? (pumps, leak detection equipment)	✓			
15. Removed product, fill and vent lines?	✓			

K. TANK ABANDONMENT IN-PLACE:

All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)	YES	NO	UNKNOWN	N/A
16. Sampling plan approved by DEQ? Date:_____ DEQ Staff: _____				
17. Contamination concerns fully resolved?				
18. Fill Material? Type: _____				

C. DATES:

Decommissioning/Change-in-Service Notice - Date Submitted: 12/1/2022 (30 days before work starts).

Work Start Telephone Notice - Number issued by DEQ: 18-3D-23-010 (3 working days before work starts).

DEQ Person Notified: Andrea Garcia

Date Work Started: 3/1/2023 Date Work Completed: 3/24/2023

Note: Provide the following information if any soil or water contamination is found during the decommissioning or change-in-service. Contamination must be reported by the UST permittee within 24 hours. The licensed service provider must report contamination within 72 hours after discovery unless previously reported.

Date Contamination Reported: _____ By: _____

DEQ Person Notified: Previously Reported

D. OTHER DEQ PERMITS MAY BE NEEDED WHERE SOIL OR WATER CLEANUP IS REQUIRED.

DEQ Water Discharge Permit #: N/A Date: _____

Water Disposed to (Location): _____

DEQ Solid Waste Disposal Permit #: N/A Date: _____

Soil Disposal or Treatment Location: Klamath County Landfill

E. TANK INFORMATION:

			PRODUCT: GASOLINE, DIESEL, USED OIL, OTHER?		CLOSURE OR CHANGE-IN- SERVICE?			TANK TO BE REPLACED?	
TANK ID #	DEQ-UST PERMIT #	TANK SIZE IN GALLONS	PRESENT	NEW	TANK REMOVAL	CLOSURE IN PLACE♦	CHANGE IN SERVICE♦	YES	NO
1	EJBB	6,000	GAS		☑	☐	☐	☑	☐
2	EJBC	6,000	GAS		☑	☐	☐	☑	☐
3	EJBD	4,000	GAS		☑	☐	☐	☑	☐
					☐	☐	☐	☐	☐
					☐	☐	☐	☐	☐

NOTE 1: Where decommissioned tank(s) are replaced by new underground storage tanks the UST permittee must submit a *General Permit Registration Form to Install and Operate USTs* containing information on the new tanks 30 days before installing them.

NOTE 2: Submit a soil sampling plan to the DEQ regional office and receive plan approval prior to starting work if 1) tank is to be decommissioned in-place, 2) tank contents are changed to a non-regulated substance, 3) tank contains a regulated substance other than petroleum, or 4) tank changed to non-regulated use.

F. DISPOSAL INFORMATION:

	TANK AND PIPING DISPOSAL METHOD				DISPOSAL LOCATION OF TANK CONTENTS	
TANK ID #	SCRAP	LAND-FILL	OTHER	IDENTIFY LOCATION & PROPERTY OWNER	LIQUIDS	SLUDGES
1	☑	☐	☐	D&L Ent. Merrill, OR / Klamath	Oil Re-Refining Co.	Oil Re-Refining Co.
2	☑	☐	☐	D&L Ent. Merrill, OR / Klamath	Oil Re-Refining Co.	Oil Re-Refining Co.
3	☑	☐	☐	D&L Ent. Merrill, OR / Klamath	Oil Re-Refining Co.	Oil Re-Refining Co.
	☐	☐	☐			
	☐	☐	☐			

NOTE 1: The tank contents, the tank and the piping may be subject to the requirements of Hazardous Waste regulations. If you have questions, contact the DEQ regional office for your area.

NOTE 2: Attach copies of the disposal receipts for the tanks and piping. If the tanks are shipped off-site for reuse provide the name, address and phone number of the person or business receiving the tanks for reuse.

NOTE 3: Attach copies of the disposal receipts for the disposal or treatment of liquid or sludge removed from the tanks

G. CONTAMINATION INFORMATION:

TANK ID #	GROUND WATER IN PIT ?	PRODUCT ODOR IN SOIL ?	PRODUCT STAINS IN SOIL ?	NUMBER OF SAMPLES	LABORATORY (NAME, CITY, STATE, PHONE)
1	☐	☑	☑	28 Total	Apex Laboratories LLC, Tigard, Oregon, (503) 718-2323
2	☐	☑	☑	"	Apex Laboratories LLC, Tigard, Oregon, (503) 718-2323
3	☐	☑	☑	"	Apex Laboratories LLC, Tigard, Oregon, (503) 718-2323
	☐	☐	☐		
	☐	☐	☐		

NOTE 1: Attach a copy of the laboratory report showing the results of all tests on all soil and water samples. The laboratory report must identify sample collection methods, sample location, sample depth, sample type (soil or water), type of sample container, sample temperature during transportation, types of tests, and copies of analytical laboratory reports, including QA/QC information. Include laboratory name, address and copies of chain-of-custody forms.

NOTE 2: If contamination is detected and a Level 2 or Level 3 soil matrix cleanup standard is applied to the site, attach a copy of the soil matrix analysis including methods of determining soil type, depth to groundwater, and sensitivity of uppermost aquifer.

H. SITE SKETCH: (Show location of adjacent roads, property lines, structures, dispensers, & all USTs. Show North, general direction of ground slope and soil sample locations. Sketch does not need to be drawn to scale. You may attach a separate drawing.)

SEE ATTACHED FOR SITE FIGURES

L. TANK REMOVAL:

All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)	YES	NO	UNKNOWN	N/A
19. Tank placement area cleared, chocks placed?	☑	☐	☐	☐
20. Purged or ventilated tank to prevent explosion? Method used: _____ Meter reading: _____	☑	☐	☐	☐
21. Were chains or steel cables wrapped around tank for removal?	☐	☑	☐	☐
22. Tank removed, set on ground, blocked to prevent movement?	☑	☐	☐	☐
23. Tank set on truck and secured with straps(s)?	☑	☐	☐	☐
24. Tank labeled before leaving site?	☑	☐	☐	☐

M. SITE ASSESSMENT:

All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)	YES	NO	UNKNOWN	N/A
25. Site assessed for contamination? See OAR 340-122-0340	☑	☐	☐	☐
26. Soil samples taken and analyzed?	☑	☐	☐	☐
27. Was contamination found? Date/Time: 3/13/2023	☑	☐	☐	☐
28. Was hazardous waste determination made for tank contents (Liquids/sludges)?	☑	☐	☐	☐

N. REQUIRED SIGNATURES:

I have personally reviewed this decommissioning checklist and site assessment report and the attachments and find them to be true and complete.

Permittee or Tank Owner: TODD ROARK
(*Please Print*)

Permittee or Tank Owner: _____ Date: 6-17-23
(*Signature*)

I have personally reviewed this decommissioning checklist and site assessment report and the attachments and find them to be true and complete.

Licensed Supervisor: S Hannon Erickson
(*Please Print*)

Licensed Supervisor: _____ Date: 6-16-23
(*Signature*)

I have personally reviewed this decommissioning checklist and site assessment report and the attachments and find them to be true and complete.

Executive Officer: Brad Staub
Licensed Service Provider (*Please Print*)

Executive Officer: _____ Date: 6-16-2023
Licensed Service Provider (*Signature*)

O. REPORT FILING:

This report signed by the permittee or tank owner, licensed supervisor and executive officer of the Service Provider, complete with all applicable attachments, must be filed with the DEQ regional office within 30 days after the excavation is backfilled or change-in-service is complete. **Do not wait until any site related cleanup project is completed.** Contact the DEQ regional office prior to filing this report where special circumstances exist at the site (such as water in pit, remaining pockets of contamination, etc.).

P. HELP WITH THIS REPORT:

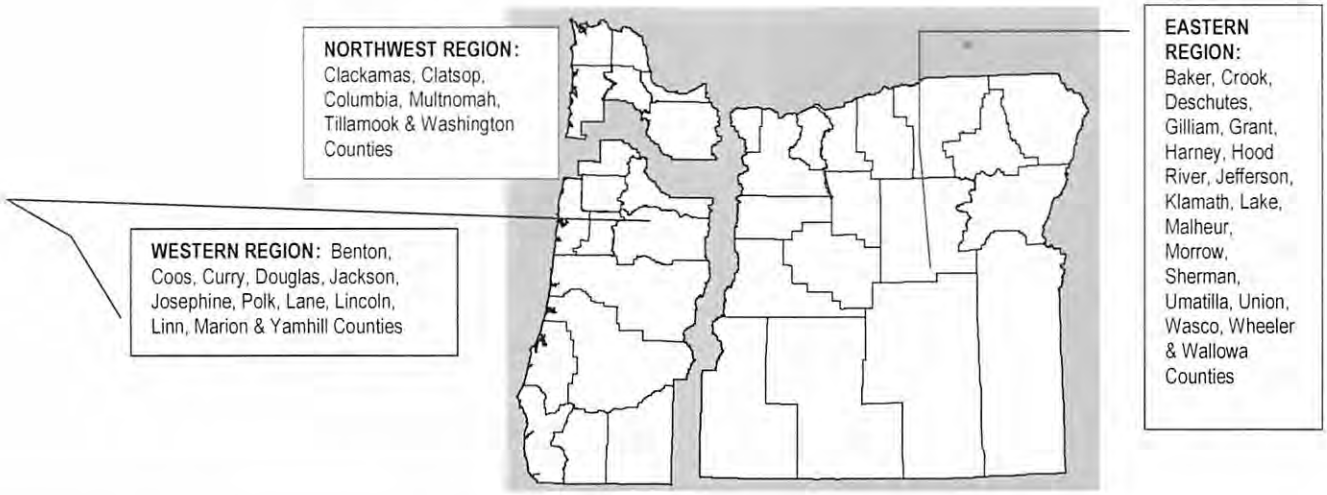
If you have any questions about this decommissioning checklist and site assessment report, please phone your DEQ Regional Office. You can also phone the UST Program's toll-free number, 1-800-742-7878. This is a message answering machine for calls made within Oregon. Underground Storage Tank Program staff will return your calls within 24 hours. You can also send an e-mail to tanks.info@deq.state.or.us. Our regional staff are also available to answer questions regarding tank decommissioning or change-in-service requirements (see below for telephone numbers).

Q. COPIES OF THE GENERAL PERMIT TO DECOMMISSION OR COMPLETE A CHANGE-IN-SERVICE:

Obtain copies of the general permit to decommission or complete a change-in-service conditions and requirements, UST Program rules and laws and UST Cleanup rules and laws at:

1. Any of the DEQ offices listed below,
2. By calling the UST HELPLINE at 1-800-742-7878,
3. Send an e-mail to tanks.info@deq.state.or.us or
4. Downloading from the UST home page at:

http://www.deq.state.or.us/lq/tanks/ust/index.htm



EASTERN REGION / BEND
475 NE BELLEVUE, SUITE 110
BEND, OR 97701
Phone: 541-388-6146
Fax: 541-388-8283

NORTHWEST REGION
700 NE MULTNOMAH ST.
PORTLAND, OR 97232
Phone: 503-229-5263
Fax: 503-229-6945

WESTERN REGION / COOS BAY
381 N SECOND STREET
COOS BAY 97420
Phone: 541-269-2721
Fax: 541-269-7984

WESTERN REGION / EUGENE
165 EAST 7TH AVE., SUITE 100
EUGENE, OR 97401
Phone: 541-686-7838
Fax: 541-686-7551

WESTERN REGION / MEDFORD
221 STEWART AVE., SUITE 201
MEDFORD, OR 97501
Phone: 541-776-6010
Fax: 541-776-6262

APPENDIX C
PHOTOGRAPH DOCUMENTATION

Attachment C: Photographic Documentation

Former Main Street Texaco – 135 Main Street, Klamath Falls, Oregon
Project No. 10044-004

Photo #1 Subject Site property located at 135 Main Street in Klamath Falls, Oregon.

Photo #2 West pump island and fuel dispenser sump with drive lanes on either side.

Photo #3 East pump island with two fuel dispenser sumps.

Photo #4 View of product piping and fuel dispenser sump.

Photo #5 Northwest portion of subject property showing outcropping basaltic andesite bedrock and retaining wall.

Photo #6 View from north end of subject Site looking north.

Photo #7 Baker Tank for water from tank nest excavation.

Photo #8 Vent pipes from three gasoline USTs at the Site.

Photo #9 Ponded water remaining in tank nest excavation following UST removal.

Photo #10 Ponded water remaining in tank nest excavation following UST removal – ES&S setting up pump for removal of water.

Photo #11 Water in tank nest excavation during pumping.

Photo #12 Surface water entering excavation from shallow gravel layer on north tank nest excavation sidewall.

Photo #13 Activated carbon in 55-gallon drum being primed for treatment of water removed from excavation.

Photo #14 Water in tank nest excavation during pumping.

Photo #15 Water treatment system consisting of two 55-gallon activated carbon vessels connected in series.

Photo #16 ES&S breaking apart concrete pump island.

Photo #17 Baker Tank staging area and water treatment system.

Photo #18 Tank nest excavation filling with additional surface water from recent precipitation and snowmelt.

Photo #19 Tank nest excavation after pumping surface water from sump created in southwest corner of excavation.

Photo #20 Product piping run from tank nest to first dispenser (southeast dispenser).

Photo #21 Product piping run from second dispenser (northeast) to third dispenser (northwest).

Photo #22 ES&S excavating PCS from north tank nest sidewall to the north in the vicinity of the former western pump island.

Photo #23 ES&S excavating PCS from north tank nest sidewall to the north in the vicinity of the former western pump island – PCS directly loaded into trucks.

Photo #24 PCS in the vicinity of the west pump island and northwest dispenser.

Photo #25 Remedial excavation extending to the north.

Photo #26 Remedial excavation extended to the north showing former tank nest in foreground.

Photo #27 Remedial excavation viewed from the north of the Site – ES&S excavating PCS from tank nest floor (back left of photograph).

Photo #28 Excavation looking northeast toward Main Street – east sidewall shown.

Photo #29 Remedial excavation viewed from south end of former tank nest looking north – excavation remained dry for several days.

Photo #30 Remedial excavation viewed from south end of former tank nest looking north – excavation remained dry for several days.

APPENDIX D
DISPOSAL AND RECYCLING DOCUMENTATION

Klamath Falls Landfill

Material Report

Transactions from 02/01/2023 through 05/04/2023
Inbound and Outbound Tickets
Third Party and Intercompany Customers
Recycle and Disposal Material
Full Details

Ticket	Date	Truck	In / Out	Bill Units	YARDS	TONS	Est TONS	Tax	Disposal Amount	Amount
MAINSTREET - 135 MAIN STREET C-SOIL										
1462063	3/9/2023	789	I	6.90 TN	0.00	6.90	0.00	$0.00	$34.50	$34.50
1462069	3/9/2023	789	I	11.73 TN	0.00	11.73	0.00	$0.00	$58.65	$58.65
1462076	3/9/2023	789	I	8.35 TN	0.00	8.35	0.00	$0.00	$41.75	$41.75
1462082	3/9/2023	789	I	11.94 TN	0.00	11.94	0.00	$0.00	$59.70	$59.70
1462086	3/9/2023	789	I	10.81 TN	0.00	10.81	0.00	$0.00	$54.05	$54.05
1462092	3/9/2023	DMP	I	11.58 TN	0.00	11.58	0.00	$0.00	$57.90	$57.90
1462095	3/9/2023	DMP	I	10.22 TN	0.00	10.22	0.00	$0.00	$51.10	$51.10
1462102	3/9/2023	789	I	12.41 TN	0.00	12.41	0.00	$0.00	$62.05	$62.05
1462115	3/9/2023	789	I	8.77 TN	0.00	8.77	0.00	$0.00	$43.85	$43.85
1462119	3/9/2023	789	I	11.33 TN	0.00	11.33	0.00	$0.00	$56.65	$56.65
1462127	3/9/2023	DMP	I	8.93 TN	0.00	8.93	0.00	$0.00	$44.65	$44.65
1462139	3/9/2023	DMP	I	12.48 TN	0.00	12.48	0.00	$0.00	$62.40	$62.40
1462144	3/9/2023	789	I	9.42 TN	0.00	9.42	0.00	$0.00	$47.10	$47.10
1462150	3/9/2023	789	I	13.42 TN	0.00	13.42	0.00	$0.00	$67.10	$67.10
1462154	3/9/2023	789	I	10.96 TN	0.00	10.96	0.00	$0.00	$54.80	$54.80
1462160	3/9/2023	DMP	I	15.06 TN	0.00	15.06	0.00	$0.00	$75.30	$75.30
1462163	3/9/2023	789	I	11.70 TN	0.00	11.70	0.00	$0.00	$58.50	$58.50
1462178	3/10/2023	123	I	13.29 TN	0.00	13.29	0.00	$0.00	$66.45	$66.45
1462184	3/10/2023	456	I	8.74 TN	0.00	8.74	0.00	$0.00	$43.70	$43.70
1462603	3/13/2023	EDSSP	I	17.53 TN	0.00	17.53	0.00	$0.00	$87.65	$87.65
1462637	3/13/2023	DMP	I	17.46 TN	0.00	17.46	0.00	$0.00	$87.30	$87.30
1462651	3/13/2023	EDSSP	I	15.79 TN	0.00	15.79	0.00	$0.00	$78.95	$78.95
1462667	3/13/2023	DMP	I	1.35 TN	0.00	1.35	0.00	$0.00	$6.75	$6.75
1462935	3/15/2023	DMP	I	16.62 TN	0.00	16.62	0.00	$0.00	$83.10	$83.10
1462960	3/15/2023	DMP	I	11.69 TN	0.00	11.69	0.00	$0.00	$58.45	$58.45
1463003	3/16/2023	258	I	9.54 TN	0.00	9.54	0.00	$0.00	$47.70	$47.70

Ticket	Date	Truck	In / Out	Bill Units	YARDS	TONS	Est TONS	Tax	Disposal Amount	Amount
MAINSTREET - 135 MAIN STREET C-SOIL										
1463020	3/16/2023	321	I	6.55 TN	0.00	6.55	0.00	$0.00	$32.75	$32.75
1463041	3/16/2023	357	I	8.27 TN	0.00	8.27	0.00	$0.00	$41.35	$41.35
1463065	3/16/2023	591	I	8.38 TN	0.00	8.38	0.00	$0.00	$41.90	$41.90
1463109	3/16/2023	591	I	8.80 TN	0.00	8.80	0.00	$0.00	$44.00	$44.00
1463125	3/16/2023	DMP	I	7.42 TN	0.00	7.42	0.00	$0.00	$37.10	$37.10
1463137	3/16/2023	591	I	12.29 TN	0.00	12.29	0.00	$0.00	$61.45	$61.45
1463156	3/16/2023	DMP	I	9.13 TN	0.00	9.13	0.00	$0.00	$45.65	$45.65
1463201	3/16/2023	152	I	12.31 TN	0.00	12.31	0.00	$0.00	$61.55	$61.55
1463218	3/16/2023	322	I	8.56 TN	0.00	8.56	0.00	$0.00	$42.80	$42.80
1463243	3/16/2023	DMP	I	11.99 TN	0.00	11.99	0.00	$0.00	$59.95	$59.95
1463257	3/16/2023	DMP	I	9.13 TN	0.00	9.13	0.00	$0.00	$45.65	$45.65
1463273	3/16/2023	621	I	11.08 TN	0.00	11.08	0.00	$0.00	$55.40	$55.40
1463283	3/16/2023	175	I	10.81 TN	0.00	10.81	0.00	$0.00	$54.05	$54.05
1463294	3/16/2023	DM	I	11.15 TN	0.00	11.15	0.00	$0.00	$55.75	$55.75
1463306	3/16/2023	DMP	I	8.53 TN	0.00	8.53	0.00	$0.00	$42.65	$42.65
1463366	3/17/2023	DMP	I	9.43 TN	0.00	9.43	0.00	$0.00	$47.15	$47.15
1463377	3/17/2023	DMP	I	12.86 TN	0.00	12.86	0.00	$0.00	$64.30	$64.30
1463385	3/17/2023	DMP	I	9.42 TN	0.00	9.42	0.00	$0.00	$47.10	$47.10
1463392	3/17/2023	DMP	I	15.44 TN	0.00	15.44	0.00	$0.00	$77.20	$77.20
1463402	3/17/2023	DMP	I	9.30 TN	0.00	9.30	0.00	$0.00	$46.50	$46.50
1463415	3/17/2023	DMP	I	14.86 TN	0.00	14.86	0.00	$0.00	$74.30	$74.30
1463423	3/17/2023	321	I	9.46 TN	0.00	9.46	0.00	$0.00	$47.30	$47.30
1463433	3/17/2023	175	I	13.39 TN	0.00	13.39	0.00	$0.00	$66.95	$66.95
1463444	3/17/2023	DMP	I	6.79 TN	0.00	6.79	0.00	$0.00	$33.95	$33.95
1463469	3/17/2023	DMP	I	15.19 TN	0.00	15.19	0.00	$0.00	$75.95	$75.95
1463480	3/17/2023	DMP	I	9.44 TN	0.00	9.44	0.00	$0.00	$47.20	$47.20

Klamath Falls Landfill

Material Report

Transactions from 02/01/2023 through 05/04/2023
Inbound and Outbound Tickets
Third Party and Intercompany Customers
Recycle and Disposal Material
Full Details

Ticket	Date	Truck	In / Out	Bill Units	YARDS	TONS	Est TONS	Tax	Disposal Amount	Amount
MAINSTREET - 135 MAIN STREET C-SOIL										
1463490	3/17/2023	DMP	I	12.55 TN	0.00	12.55	0.00	$0.00	$62.75	$62.75
1463496	3/17/2023	DMP	I	8.48 TN	0.00	8.48	0.00	$0.00	$42.40	$42.40
1463516	3/17/2023	BEX	I	11.47 TN	0.00	11.47	0.00	$0.00	$57.35	$57.35
1463522	3/17/2023	DMP	I	9.09 TN	0.00	9.09	0.00	$0.00	$45.45	$45.45
1464008	3/20/2023	DMP	I	13.10 TN	0.00	13.10	0.00	$0.00	$65.50	$65.50
1464017	3/20/2023	DMP	I	9.30 TN	0.00	9.30	0.00	$0.00	$46.50	$46.50
1464023	3/20/2023	DMP	I	14.43 TN	0.00	14.43	0.00	$0.00	$72.15	$72.15
1464029	3/20/2023	DMP	I	10.41 TN	0.00	10.41	0.00	$0.00	$52.05	$52.05
1464039	3/20/2023	DMP	I	13.55 TN	0.00	13.55	0.00	$0.00	$67.75	$67.75
1464056	3/20/2023	DMP	I	11.37 TN	0.00	11.37	0.00	$0.00	$56.85	$56.85
1464063	3/20/2023	DMP16	I	14.15 TN	0.00	14.15	0.00	$0.00	$70.75	$70.75
1464081	3/20/2023	DMP	I	10.76 TN	0.00	10.76	0.00	$0.00	$53.80	$53.80
1464083	3/20/2023	BEX	I	13.98 TN	0.00	13.98	0.00	$0.00	$69.90	$69.90
1464093	3/20/2023	DMP	I	11.54 TN	0.00	11.54	0.00	$0.00	$57.70	$57.70
1464102	3/20/2023	DMP	I	15.52 TN	0.00	15.52	0.00	$0.00	$77.60	$77.60
1464116	3/20/2023	DMP	I	12.15 TN	0.00	12.15	0.00	$0.00	$60.75	$60.75
1464120	3/20/2023	DMP2	I	14.07 TN	0.00	14.07	0.00	$0.00	$70.35	$70.35
1464133	3/20/2023	DMP	I	13.88 TN	0.00	13.88	0.00	$0.00	$69.40	$69.40
1464467	3/22/2023	KEVIN	I	15.93 TN	0.00	15.93	0.00	$0.00	$79.65	$79.65
1464473	3/22/2023	JUSTIN	I	11.72 TN	0.00	11.72	0.00	$0.00	$58.60	$58.60
1464479	3/22/2023	KEVIN	I	13.01 TN	0.00	13.01	0.00	$0.00	$65.05	$65.05
1464484	3/22/2023	JUSTIN	I	11.11 TN	0.00	11.11	0.00	$0.00	$55.55	$55.55
1464488	3/22/2023	KEVIN	I	13.12 TN	0.00	13.12	0.00	$0.00	$65.60	$65.60
1464494	3/22/2023	JUSTIN	I	12.89 TN	0.00	12.89	0.00	$0.00	$64.45	$64.45
1464500	3/22/2023	KEVIN	I	14.87 TN	0.00	14.87	0.00	$0.00	$74.35	$74.35
1464511	3/22/2023	JUSTIN	I	12.44 TN	0.00	12.44	0.00	$0.00	$62.20	$62.20

Klamath Falls Landfill

Material Report

Transactions from 02/01/2023 through 05/04/2023
Inbound and Outbound Tickets
Third Party and Intercompany Customers
Recycle and Disposal Material
Full Details

Ticket	Date	Truck	In / Out	Bill Units	YARDS	TONS	Est TONS	Tax	Disposal Amount	Amount
MAINSTREET - 135 MAIN STREET C-SOIL										
1464524	3/22/2023	KEVIN	I	13.03 TN	0.00	13.03	0.00	$0.00	$65.15	$65.15
1464529	3/22/2023	JUSTIN	I	10.86 TN	0.00	10.86	0.00	$0.00	$54.30	$54.30
1464536	3/22/2023	KEVIN	I	11.48 TN	0.00	11.48	0.00	$0.00	$57.40	$57.40
1464550	3/22/2023	JUSTIN	I	11.32 TN	0.00	11.32	0.00	$0.00	$56.60	$56.60
1464559	3/22/2023	KEVIN	I	13.04 TN	0.00	13.04	0.00	$0.00	$65.20	$65.20
1464583	3/22/2023	JUSTIN	I	12.36 TN	0.00	12.36	0.00	$0.00	$61.80	$61.80
1464590	3/22/2023	KEVIN	I	12.02 TN	0.00	12.02	0.00	$0.00	$60.10	$60.10
1464602	3/22/2023	JUSTIN	I	10.77 TN	0.00	10.77	0.00	$0.00	$53.85	$53.85
1464609	3/22/2023	KEVIN	I	10.78 TN	0.00	10.78	0.00	$0.00	$53.90	$53.90
1464623	3/22/2023	JUSTIN	I	11.55 TN	0.00	11.55	0.00	$0.00	$57.75	$57.75
1464636	3/22/2023	KEVIN	I	12.58 TN	0.00	12.58	0.00	$0.00	$62.90	$62.90
1464648	3/22/2023	JUSTIN	I	12.92 TN	0.00	12.92	0.00	$0.00	$64.60	$64.60
1464663	3/22/2023	KEVIN	I	11.57 TN	0.00	11.57	0.00	$0.00	$57.85	$57.85
1464669	3/22/2023	JUSTIN	I	9.94 TN	0.00	9.94	0.00	$0.00	$49.70	$49.70
1464680	3/22/2023	KEVIN	I	10.68 TN	0.00	10.68	0.00	$0.00	$53.40	$53.40
1464689	3/22/2023	JUSTIN	I	10.43 TN	0.00	10.43	0.00	$0.00	$52.15	$52.15
1464723	3/23/2023	KEVIN	I	11.95 TN	0.00	11.95	0.00	$0.00	$59.75	$59.75
1464728	3/23/2023	JUSTIN	I	11.86 TN	0.00	11.86	0.00	$0.00	$59.30	$59.30
1464738	3/23/2023	KEVIN	I	12.95 TN	0.00	12.95	0.00	$0.00	$64.75	$64.75
1464743	3/23/2023	JUSTIN	I	11.40 TN	0.00	11.40	0.00	$0.00	$57.00	$57.00
1464751	3/23/2023	KEVIN	I	11.80 TN	0.00	11.80	0.00	$0.00	$59.00	$59.00
1464757	3/23/2023	JUSTIN	I	10.24 TN	0.00	10.24	0.00	$0.00	$51.20	$51.20
1464763	3/23/2023	KEVIN	I	12.07 TN	0.00	12.07	0.00	$0.00	$60.35	$60.35
1464772	3/23/2023	JUSTIN	I	9.90 TN	0.00	9.90	0.00	$0.00	$49.50	$49.50
1464780	3/23/2023	KEVIN	I	10.54 TN	0.00	10.54	0.00	$0.00	$52.70	$52.70
1464788	3/23/2023	JUSTIN	I	9.63 TN	0.00	9.63	0.00	$0.00	$48.15	$48.15

Klamath Falls Landfill

Material Report

Transactions from 02/01/2023 through 05/04/2023
Inbound and Outbound Tickets
Third Party and Intercompany Customers
Recycle and Disposal Material
Full Details

Ticket	Date	Truck	In / Out	Bill Units	YARDS	TONS	Est TONS	Tax	Disposal Amount	Amount
MAINSTREET - 135 MAIN STREET C-SOIL										
1464798	3/23/2023	KEVIN	I	12.31 TN	0.00	12.31	0.00	$0.00	$61.55	$61.55
1464815	3/23/2023	KEVIN	I	12.85 TN	0.00	12.85	0.00	$0.00	$64.25	$64.25
1464820	3/23/2023	JUSTIN	I	10.41 TN	0.00	10.41	0.00	$0.00	$52.05	$52.05
1464839	3/23/2023	KEVIN	I	14.07 TN	0.00	14.07	0.00	$0.00	$70.35	$70.35
1464867	3/23/2023	KEVIN	I	13.48 TN	0.00	13.48	0.00	$0.00	$67.40	$67.40
1464888	3/23/2023	KEVIN	I	15.04 TN	0.00	15.04	0.00	$0.00	$75.20	$75.20
1464903	3/23/2023	KEVIN	I	14.02 TN	0.00	14.02	0.00	$0.00	$70.10	$70.10
1464933	3/24/2023	KEVIN	I	16.41 TN	0.00	16.41	0.00	$0.00	$82.05	$82.05
1464936	3/24/2023	JUSTIN	I	13.89 TN	0.00	13.89	0.00	$0.00	$69.45	$69.45
1464941	3/24/2023	KEVIN	I	13.70 TN	0.00	13.70	0.00	$0.00	$68.50	$68.50
1464947	3/24/2023	JUSTIN17	I	12.53 TN	0.00	12.53	0.00	$0.00	$62.65	$62.65
1464955	3/24/2023	KEVIN22	I	14.84 TN	0.00	14.84	0.00	$0.00	$74.20	$74.20
1464962	3/24/2023	JUSTIN17	I	14.80 TN	0.00	14.80	0.00	$0.00	$74.00	$74.00
1464966	3/24/2023	22KEVIN	I	15.19 TN	0.00	15.19	0.00	$0.00	$75.95	$75.95
1464971	3/24/2023	JUSTIN17	I	12.47 TN	0.00	12.47	0.00	$0.00	$62.35	$62.35
1464977	3/24/2023	22KEVIN	I	14.83 TN	0.00	14.83	0.00	$0.00	$74.15	$74.15
1464985	3/24/2023	JUSTIN17	I	16.22 TN	0.00	16.22	0.00	$0.00	$81.10	$81.10
1464992	3/24/2023	22KEVIN	I	15.79 TN	0.00	15.79	0.00	$0.00	$78.95	$78.95
1465008	3/24/2023	17JUSTIN	I	13.40 TN	0.00	13.40	0.00	$0.00	$67.00	$67.00
1465011	3/24/2023	22KEVIN	I	12.63 TN	0.00	12.63	0.00	$0.00	$63.15	$63.15
1465025	3/24/2023	17JUSTIN	I	11.89 TN	0.00	11.89	0.00	$0.00	$59.45	$59.45
1465029	3/24/2023	22KEVIN	I	15.82 TN	0.00	15.82	0.00	$0.00	$79.10	$79.10
1465037	3/24/2023	17JUSTIN	I	12.15 TN	0.00	12.15	0.00	$0.00	$60.75	$60.75
1465043	3/24/2023	22KEVIN	I	12.59 TN	0.00	12.59	0.00	$0.00	$62.95	$62.95
1465056	3/24/2023	22KEVIN	I	13.05 TN	0.00	13.05	0.00	$0.00	$65.25	$65.25
1465062	3/24/2023	22KEVIN	I	12.33 TN	0.00	12.33	0.00	$0.00	$61.65	$61.65

Klamath Falls Landfill

Material Report

Transactions from 02/01/2023 through 05/04/2023
Inbound and Outbound Tickets
Third Party and Intercompany Customers
Recycle and Disposal Material
Full Details

Ticket	Date	Truck	In / Out	Bill Units	YARDS	TONS	Est TONS	Tax	Disposal Amount	Amount
MAINSTREET - 135 MAIN STREET C-SOIL										
1465071	3/24/2023	22KEVIN	I	11.02 TN	0.00	11.02	0.00	$0.00	$55.10	$55.10
1465084	3/24/2023	22KEVIN	I	14.65 TN	0.00	14.65	0.00	$0.00	$73.25	$73.25
MAINSTREET - 135 MAIN STREET C-SOIL				1,572.94 TN	0.00	1,572.94	0.00	$0.00	$7,864.70	$7,864.70
132 tickets and 132 transactions										
Report Grand Totals					0.00	1,572.94	0.00	$0.00	$7,864.70	$7,864.70

132 tickets and 132 transactions

End of Report

D & L Enterprises

21821 Pope Rd
Merrill, OR 97633

Invoice

Date	Invoice #
5/18/2023	019900

PAID

Bill To	Ship To
Ed Staub & Sons Petroleum PO Box 506 19828 Stateline Road Tulelake, CA 96134	

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
Shannon Erickson	Net 30	dh	5/18/2023			

Quantity	Item Code	Description	Price Each	Amount
1	Miscellaneous	6 Tanks picked up for scrap - no charge	0.00	0.00

Thank you for your business.
541-891-9242

Total $0.00

1.5% Monthly Finance Charge (18% APR) on Past Due Balances

APPENDIX E
LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

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

ANALYTICAL REPORT

AMENDED REPORT

Monday, April 3, 2023

Michael Whitson
HydroCon LLC
314 W 15th Street Suite 300
Vancouver, WA 98660

RE: A3C0712 - ES&S Main St. Decomm. - 10044-004

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 A3C0712, which was received by the laboratory on 3/20/2023 at 12:50:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: cobrien@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)

Default Cooler	1.4 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

Cameron O'Brien, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 03 23 1626**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TPW-SW-8.0	A3C0712-01	Soil	03/13/23 13:20	03/20/23 12:50
TPW-SE-8.0	A3C0712-02	Soil	03/13/23 13:30	03/20/23 12:50
TPW-W-8.0	A3C0712-03	Soil	03/13/23 13:40	03/20/23 12:50
TPW-NW-8.0	A3C0712-04	Soil	03/13/23 13:45	03/20/23 12:50
TPW-NE-8.0	A3C0712-05	Soil	03/13/23 13:50	03/20/23 12:50
TPW-E-8.0	A3C0712-06	Soil	03/13/23 13:55	03/20/23 12:50
DS01-3.0	A3C0712-07	Soil	03/15/23 15:30	03/20/23 12:50
DS02-3.0	A3C0712-08	Soil	03/15/23 15:35	03/20/23 12:50
DS03-3.0	A3C0712-09	Soil	03/15/23 15:40	03/20/23 12:50
PP01-2.0	A3C0712-10	Soil	03/15/23 15:45	03/20/23 12:50
PP02-2.0	A3C0712-11	Soil	03/15/23 15:50	03/20/23 12:50
PP03-2.0	A3C0712-12	Soil	03/15/23 15:55	03/20/23 12:50
EXF-SW-11.0	A3C0712-13	Soil	03/17/23 13:45	03/20/23 12:50
POST-W-031423	A3C0712-14	Water	03/14/23 13:00	03/20/23 12:50

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Cameron O'Brien, Project Manager

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 03 23 1626**

ANALYTICAL CASE NARRATIVE

Work Order: A3C0712

Amended Report Revision 1: This report supersedes all previous reports.

Method NWTPH-Gx Data Correction - Omitted Results

Results for Gasoline by NWTPH-Gx were omitted from the original report for client sample "TPW-NE-8.0" (Apex Labs ID A3C0712-05).
The results are included herein.

David Jack
Technical Manager
April 3, 2023

Apex Laboratories

Cameron O'Brien, Project Manager

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC
314 W 15th Street Suite 300
Vancouver, WA 98660

Project: **ES&S Main St. Decomm.**
Project Number: **10044-004**
Project Manager: **Michael Whitson**

Report ID:
A3C0712 - 04 03 23 1626

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
TPW-SW-8.0 (A3C0712-01)				**Matrix: Soil**		**Batch: 23C0758**		
Gasoline Range Organics	**DET**	---	24.6	mg/kg dry	1	03/20/23 23:14	NWTPH-HCID	F-09
Diesel Range Organics	**DET**	---	61.5	mg/kg dry	1	03/20/23 23:14	NWTPH-HCID	F-13
Oil Range Organics	**DET**	---	123	mg/kg dry	1	03/20/23 23:14	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*93 %*	*Limits: 50-150 %*	*1*	*03/20/23 23:14*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*93 %*	*50-150 %*	*1*	*03/20/23 23:14*	*NWTPH-HCID*	
TPW-SE-8.0 (A3C0712-02)				**Matrix: Soil**		**Batch: 23C0758**		
Gasoline Range Organics	ND	---	24.1	mg/kg dry	1	03/20/23 23:37	NWTPH-HCID	
Diesel Range Organics	ND	---	60.3	mg/kg dry	1	03/20/23 23:37	NWTPH-HCID	
Oil Range Organics	ND	---	121	mg/kg dry	1	03/20/23 23:37	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*99 %*	*Limits: 50-150 %*	*1*	*03/20/23 23:37*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*96 %*	*50-150 %*	*1*	*03/20/23 23:37*	*NWTPH-HCID*	
TPW-W-8.0 (A3C0712-03)				**Matrix: Soil**		**Batch: 23C0758**		
Gasoline Range Organics	ND	---	38.0	mg/kg dry	1	03/21/23 00:01	NWTPH-HCID	
Diesel Range Organics	ND	---	94.9	mg/kg dry	1	03/21/23 00:01	NWTPH-HCID	
Oil Range Organics	ND	---	190	mg/kg dry	1	03/21/23 00:01	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*100 %*	*Limits: 50-150 %*	*1*	*03/21/23 00:01*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*92 %*	*50-150 %*	*1*	*03/21/23 00:01*	*NWTPH-HCID*	
TPW-NW-8.0 (A3C0712-04)				**Matrix: Soil**		**Batch: 23C0758**		
Gasoline Range Organics	ND	---	28.5	mg/kg dry	1	03/21/23 00:24	NWTPH-HCID	
Diesel Range Organics	ND	---	71.3	mg/kg dry	1	03/21/23 00:24	NWTPH-HCID	
Oil Range Organics	ND	---	143	mg/kg dry	1	03/21/23 00:24	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*102 %*	*Limits: 50-150 %*	*1*	*03/21/23 00:24*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*99 %*	*50-150 %*	*1*	*03/21/23 00:24*	*NWTPH-HCID*	
TPW-NE-8.0 (A3C0712-05)				**Matrix: Soil**		**Batch: 23C0758**		
Gasoline Range Organics	**DET**	---	25.8	mg/kg dry	1	03/21/23 00:48	NWTPH-HCID	F-09
Diesel Range Organics	**DET**	---	64.5	mg/kg dry	1	03/21/23 00:48	NWTPH-HCID	F-13
Oil Range Organics	ND	---	129	mg/kg dry	1	03/21/23 00:48	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*102 %*	*Limits: 50-150 %*	*1*	*03/21/23 00:48*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*82 %*	*50-150 %*	*1*	*03/21/23 00:48*	*NWTPH-HCID*	
TPW-E-8.0 (A3C0712-06)				**Matrix: Soil**		**Batch: 23C0758**		
Gasoline Range Organics	ND	---	26.9	mg/kg dry	1	03/21/23 01:12	NWTPH-HCID	
Diesel Range Organics	ND	---	67.3	mg/kg dry	1	03/21/23 01:12	NWTPH-HCID	

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Cameron O'Brien, Project Manager

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 03 23 1626**

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
TPW-E-8.0 (A3C0712-06)				**Matrix: Soil**		**Batch: 23C0758**		
Oil Range Organics	ND	---	135	mg/kg dry	1	03/21/23 01:12	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*102 %*	*Limits: 50-150 %*	*1*	*03/21/23 01:12*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*93 %*	*50-150 %*	*1*	*03/21/23 01:12*	*NWTPH-HCID*	
DS01-3.0 (A3C0712-07)				**Matrix: Soil**		**Batch: 23C0758**		
Gasoline Range Organics	**DET**	---	27.9	mg/kg dry	1	03/21/23 03:32	NWTPH-HCID	F-09
Diesel Range Organics	**DET**	---	69.7	mg/kg dry	1	03/21/23 03:32	NWTPH-HCID	F-13
Oil Range Organics	ND	---	139	mg/kg dry	1	03/21/23 03:32	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*93 %*	*Limits: 50-150 %*	*1*	*03/21/23 03:32*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*79 %*	*50-150 %*	*1*	*03/21/23 03:32*	*NWTPH-HCID*	
DS02-3.0 (A3C0712-08)				**Matrix: Soil**		**Batch: 23C0758**		
Gasoline Range Organics	ND	---	25.9	mg/kg dry	1	03/21/23 01:35	NWTPH-HCID	
Diesel Range Organics	ND	---	64.7	mg/kg dry	1	03/21/23 01:35	NWTPH-HCID	
Oil Range Organics	ND	---	129	mg/kg dry	1	03/21/23 01:35	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*88 %*	*Limits: 50-150 %*	*1*	*03/21/23 01:35*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*83 %*	*50-150 %*	*1*	*03/21/23 01:35*	*NWTPH-HCID*	
DS03-3.0 (A3C0712-09)				**Matrix: Soil**		**Batch: 23C0758**		
Gasoline Range Organics	ND	---	25.7	mg/kg dry	1	03/21/23 01:58	NWTPH-HCID	
Diesel Range Organics	**DET**	---	64.3	mg/kg dry	1	03/21/23 01:58	NWTPH-HCID	F-11
Oil Range Organics	ND	---	129	mg/kg dry	1	03/21/23 01:58	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*106 %*	*Limits: 50-150 %*	*1*	*03/21/23 01:58*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*81 %*	*50-150 %*	*1*	*03/21/23 01:58*	*NWTPH-HCID*	
PP01-2.0 (A3C0712-10)				**Matrix: Soil**		**Batch: 23C0758**		
Gasoline Range Organics	ND	---	23.9	mg/kg dry	1	03/21/23 02:22	NWTPH-HCID	
Diesel Range Organics	ND	---	59.7	mg/kg dry	1	03/21/23 02:22	NWTPH-HCID	
Oil Range Organics	ND	---	119	mg/kg dry	1	03/21/23 02:22	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*87 %*	*Limits: 50-150 %*	*1*	*03/21/23 02:22*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*71 %*	*50-150 %*	*1*	*03/21/23 02:22*	*NWTPH-HCID*	
PP02-2.0 (A3C0712-11)				**Matrix: Soil**		**Batch: 23C0758**		
Gasoline Range Organics	ND	---	25.8	mg/kg dry	1	03/21/23 02:45	NWTPH-HCID	
Diesel Range Organics	ND	---	64.4	mg/kg dry	1	03/21/23 02:45	NWTPH-HCID	
Oil Range Organics	ND	---	129	mg/kg dry	1	03/21/23 02:45	NWTPH-HCID	

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Cameron O'Brien, Project Manager

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 03 23 1626**

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
PP02-2.0 (A3C0712-11)				**Matrix: Soil**		**Batch: 23C0758**		
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*98 %*	*Limits: 50-150 %*	*1*	*03/21/23 02:45*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*83 %*	*50-150 %*	*1*	*03/21/23 02:45*	*NWTPH-HCID*	
PP03-2.0 (A3C0712-12)				**Matrix: Soil**		**Batch: 23C0766**		
Gasoline Range Organics	ND	---	27.9	mg/kg dry	1	03/21/23 08:14	NWTPH-HCID	
Diesel Range Organics	ND	---	69.7	mg/kg dry	1	03/21/23 08:14	NWTPH-HCID	
Oil Range Organics	ND	---	139	mg/kg dry	1	03/21/23 08:14	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*83 %*	*Limits: 50-150 %*	*1*	*03/21/23 08:14*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*62 %*	*50-150 %*	*1*	*03/21/23 08:14*	*NWTPH-HCID*	
EXF-SW-11.0 (A3C0712-13)				**Matrix: Soil**		**Batch: 23C0766**		
Gasoline Range Organics	ND	---	48.1	mg/kg dry	1	03/21/23 09:02	NWTPH-HCID	
Diesel Range Organics	ND	---	120	mg/kg dry	1	03/21/23 09:02	NWTPH-HCID	
Oil Range Organics	ND	---	241	mg/kg dry	1	03/21/23 09:02	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*81 %*	*Limits: 50-150 %*	*1*	*03/21/23 09:02*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*47 %*	*50-150 %*	*1*	*03/21/23 09:02*	*NWTPH-HCID*	*S-06*
POST-W-031423 (A3C0712-14)				**Matrix: Water**		**Batch: 23C0814**		
Gasoline Range Organics	**DET**	---	0.0943	mg/L	1	03/22/23 00:54	NWTPH-HCID	F-12
Diesel Range Organics	ND	---	0.236	mg/L	1	03/22/23 00:54	NWTPH-HCID	
Oil Range Organics	ND	---	0.236	mg/L	1	03/22/23 00:54	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*84 %*	*Limits: 50-150 %*	*1*	*03/22/23 00:54*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*25 %*	*10-120 %*	*1*	*03/22/23 00:54*	*NWTPH-HCID*	

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 03 23 1626**

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
TPW-SW-8.0 (A3C0712-01)				**Matrix: Soil**		**Batch: 23C0875**		
Diesel	**68.7**	---	24.2	mg/kg dry	1	03/23/23 04:02	NWTPH-Dx	**F-13**
Oil	**788**	---	48.3	mg/kg dry	1	03/23/23 04:02	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 81 %*		*Limits: 50-150 %*	*1*	*03/23/23 04:02*	*NWTPH-Dx*	
TPW-NE-8.0 (A3C0712-05)				**Matrix: Soil**		**Batch: 23C0875**		
Diesel	**89.6**	---	27.2	mg/kg dry	1	03/23/23 04:22	NWTPH-Dx	**F-13**
Oil	ND	---	54.4	mg/kg dry	1	03/23/23 04:22	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 89 %*		*Limits: 50-150 %*	*1*	*03/23/23 04:22*	*NWTPH-Dx*	
DS01-3.0 (A3C0712-07)				**Matrix: Soil**		**Batch: 23C0875**		
Diesel	**243**	---	27.9	mg/kg dry	1	03/23/23 04:43	NWTPH-Dx	**F-13**
Oil	ND	---	55.8	mg/kg dry	1	03/23/23 04:43	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 78 %*		*Limits: 50-150 %*	*1*	*03/23/23 04:43*	*NWTPH-Dx*	
DS03-3.0 (A3C0712-09)				**Matrix: Soil**		**Batch: 23C0875**		
Diesel	**278**	---	24.9	mg/kg dry	1	03/23/23 05:03	NWTPH-Dx	**F-11, Q-42**
Oil	ND	---	49.8	mg/kg dry	1	03/23/23 05:03	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 85 %*		*Limits: 50-150 %*	*1*	*03/23/23 05:03*	*NWTPH-Dx*	

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 03 23 1626**

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
TPW-SW-8.0 (A3C0712-01)				**Matrix: Soil**		**Batch: 23C0894**		
Gasoline Range Organics	**205**	---	12.5	mg/kg dry	100	03/23/23 17:02	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery:*	*108 %*	*Limits: 50-150 %*	*1*	*03/23/23 17:02*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*103 %*	*50-150 %*	*1*	*03/23/23 17:02*	*NWTPH-Gx (MS)*	
TPW-NE-8.0 (A3C0712-05)				**Matrix: Soil**		**Batch: 23C0894**		**AMEND**
Gasoline Range Organics	**500**	---	86.7	mg/kg dry	500	03/23/23 18:45	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery:*	*106 %*	*Limits: 50-150 %*	*1*	*03/23/23 18:45*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*102 %*	*50-150 %*	*1*	*03/23/23 18:45*	*NWTPH-Gx (MS)*	
DS01-3.0 (A3C0712-07)				**Matrix: Soil**		**Batch: 23C0894**		
Gasoline Range Organics	**436**	---	24.1	mg/kg dry	100	03/23/23 17:28	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery:*	*111 %*	*Limits: 50-150 %*	*1*	*03/23/23 17:28*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*103 %*	*50-150 %*	*1*	*03/23/23 17:28*	*NWTPH-Gx (MS)*	
POST-W-031423 (A3C0712-14)				**Matrix: Water**		**Batch: 23C0845**		
Gasoline Range Organics	ND	---	100	ug/L	1	03/22/23 17:03	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery:*	*96 %*	*Limits: 50-150 %*	*1*	*03/22/23 17:03*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*103 %*	*50-150 %*	*1*	*03/22/23 17:03*	*NWTPH-Gx (MS)*	

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Cameron O'Brien, Project Manager

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC
314 W 15th Street Suite 300
Vancouver, WA 98660

Project: **ES&S Main St. Decomm.**
Project Number: **10044-004**
Project Manager: **Michael Whitson**

Report ID:
A3C0712 - 04 03 23 1626

ANALYTICAL SAMPLE RESULTS

BTEX+N Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
POST-W-031423 (A3C0712-14)				**Matrix: Water**		**Batch: 23C0845**		
Benzene	ND	---	0.200	ug/L	1	03/22/23 17:03	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	03/22/23 17:03	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	03/22/23 17:03	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	03/22/23 17:03	EPA 8260D	
Naphthalene	ND	---	2.00	ug/L	1	03/22/23 17:03	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits: 80-120 %*	*1*	*03/22/23 17:03*	*EPA 8260D*	
Toluene-d8 (Surr)			*100 %*	*80-120 %*	*1*	*03/22/23 17:03*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*98 %*	*80-120 %*	*1*	*03/22/23 17:03*	*EPA 8260D*	

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Cameron O'Brien, Project Manager

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 03 23 1626**

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
TPW-SW-8.0 (A3C0712-01)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**80.4**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	
TPW-SE-8.0 (A3C0712-02)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**78.6**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	
TPW-W-8.0 (A3C0712-03)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**51.4**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	
TPW-NW-8.0 (A3C0712-04)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**69.1**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	
TPW-NE-8.0 (A3C0712-05)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**70.9**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	
TPW-E-8.0 (A3C0712-06)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**73.5**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	
DS01-3.0 (A3C0712-07)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**70.2**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	
DS02-3.0 (A3C0712-08)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**72.7**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	
DS03-3.0 (A3C0712-09)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**77.0**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	
PP01-2.0 (A3C0712-10)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**80.6**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	
PP02-2.0 (A3C0712-11)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**71.8**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	
PP03-2.0 (A3C0712-12)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**71.2**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	
EXF-SW-11.0 (A3C0712-13)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**39.8**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	

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ANALYTICAL REPORT

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HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 03 23 1626**

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes

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ANALYTICAL REPORT

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314 W 15th Street Suite 300	Project Number: 10044-004	Report ID:
Vancouver, WA 98660	Project Manager: Michael Whitson	A3C0712 - 04 03 23 1626

QUALITY CONTROL (QC) SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 23C0758 - NWTPH-HCID (Soil)											Soil	
Blank (23C0758-BLK1)		Prepared: 03/20/23 12:54 Analyzed: 03/20/23 20:52										
NWTPH-HCID												
Gasoline Range Organics	ND	---	20.0	mg/kg wet	1	---	---	---	---	---	---	
Diesel Range Organics	ND	---	50.0	mg/kg wet	1	---	---	---	---	---	---	
Oil Range Organics	ND	---	100	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 104 %*		*Limits: 50-150 %*			*Dilution: 1x*					
4-Bromofluorobenzene (Surr)			*98 %*		*50-150 %*		*"*					
Duplicate (23C0758-DUP2)		Prepared: 03/20/23 15:12 Analyzed: 03/21/23 03:08										
QC Source Sample: PP02-2.0 (A3C0712-11)												
NWTPH-HCID												
Gasoline Range Organics	ND	---	26.8	mg/kg dry	1	---	ND	---	---	---	30%	
Diesel Range Organics	ND	---	67.0	mg/kg dry	1	---	ND	---	---	---	30%	
Oil Range Organics	ND	---	134	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)		*Recovery: 104 %*		*Limits: 50-150 %*			*Dilution: 1x*					
4-Bromofluorobenzene (Surr)			*82 %*		*50-150 %*		*"*					
Batch 23C0766 - NWTPH-HCID (Soil)											Soil	
Blank (23C0766-BLK1)		Prepared: 03/20/23 15:12 Analyzed: 03/21/23 07:50										
NWTPH-HCID												
Gasoline Range Organics	ND	---	20.0	mg/kg wet	1	---	---	---	---	---	---	
Diesel Range Organics	ND	---	50.0	mg/kg wet	1	---	---	---	---	---	---	
Oil Range Organics	ND	---	100	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 84 %*		*Limits: 50-150 %*			*Dilution: 1x*					
4-Bromofluorobenzene (Surr)			*82 %*		*50-150 %*		*"*					
Duplicate (23C0766-DUP1)		Prepared: 03/20/23 15:12 Analyzed: 03/21/23 08:38										
QC Source Sample: PP03-2.0 (A3C0712-12)												
NWTPH-HCID												
Gasoline Range Organics	ND	---	26.0	mg/kg dry	1	---	ND	---	---	---	30%	
Diesel Range Organics	ND	---	65.0	mg/kg dry	1	---	ND	---	---	---	30%	
Oil Range Organics	ND	---	130	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)		*Recovery: 80 %*		*Limits: 50-150 %*			*Dilution: 1x*					
4-Bromofluorobenzene (Surr)			*58 %*		*50-150 %*		*"*					

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 03 23 1626**

QUALITY CONTROL (QC) SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 23C0766 - NWTPH-HCID (Soil)												
Duplicate (23C0766-DUP1)		Prepared: 03/20/23 15:12 Analyzed: 03/21/23 08:38										
QC Source Sample: PP03-2.0 (A3C0712-12)												

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ANALYTICAL REPORT

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Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 03 23 1626**

QUALITY CONTROL (QC) SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 23C0814 - EPA 3510C (Fuels/Acid Ext.)												**Water**
Blank (23C0814-BLK1)		Prepared: 03/21/23 13:44		Analyzed: 03/21/23 21:27								
NWTPH-HCID												
Gasoline Range Organics	ND	---	0.100	mg/L	1	---	---	---	---	---	---	
Diesel Range Organics	ND	---	0.250	mg/L	1	---	---	---	---	---	---	
Oil Range Organics	ND	---	0.250	mg/L	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 88 %*		*Limits: 50-150 %*			*Dilution: 1x*					
4-Bromofluorobenzene (Surr)		*23 %*		*10-120 %*			*"*					

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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 23C0875 - EPA 3546 (Fuels)							**Soil**					
Blank (23C0875-BLK1)		Prepared: 03/22/23 13:45		Analyzed: 03/22/23 19:32								
NWTPH-Dx												
Diesel	ND	---	20.0	mg/kg wet	1	---	---	---	---	---	---	
Oil	ND	---	40.0	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 78 %*		*Limits: 50-150 %*			*Dilution: 1x*					
LCS (23C0875-BS1)		Prepared: 03/22/23 13:45		Analyzed: 03/22/23 19:53								
NWTPH-Dx												
Diesel	107	---	20.0	mg/kg wet	1	125	---	85	38 - 132%	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 88 %*		*Limits: 50-150 %*			*Dilution: 1x*					
Duplicate (23C0875-DUP2)		Prepared: 03/22/23 13:45		Analyzed: 03/23/23 05:23								
QC Source Sample: DS03-3.0 (A3C0712-09)												
NWTPH-Dx												
Diesel	**153**	---	25.4	mg/kg dry	1	---	278	---	---	**58**	**30%**	F-11, Q-04
Oil	ND	---	50.9	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)		*Recovery: 88 %*		*Limits: 50-150 %*			*Dilution: 1x*					

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Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 03 23 1626**

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 23C0845 - EPA 5030C												**Water**
Blank (23C0845-BLK1)		Prepared: 03/22/23 08:51		Analyzed: 03/22/23 11:25								
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	100	ug/L	1	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 92 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*106 %*		*50-150 %*			*"*					
LCS (23C0845-BS2)		Prepared: 03/22/23 08:51		Analyzed: 03/22/23 11:03								
NWTPH-Gx (MS)												
Gasoline Range Organics	453	---	100	ug/L	1	500	---	91	80 - 120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 90 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*97 %*		*50-150 %*			*"*					

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ANALYTICAL REPORT

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314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 03 23 1626**

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 23C0894 - EPA 5035A									Soil			
Blank (23C0894-BLK1)		Prepared: 03/23/23 08:10		Analyzed: 03/23/23 11:05								
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	5.00	mg/kg wet	50	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 102 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*104 %*		*50-150 %*			*"*					
LCS (23C0894-BS2)		Prepared: 03/23/23 08:10		Analyzed: 03/23/23 10:34								
NWTPH-Gx (MS)												
Gasoline Range Organics	24.2	---	5.00	mg/kg wet	50	25.0	---	97	80 - 120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 99 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*102 %*		*50-150 %*			*"*					

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QUALITY CONTROL (QC) SAMPLE RESULTS

BTEX+N Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 23C0845 - EPA 5030C												**Water**
Blank (23C0845-BLK1)		Prepared: 03/22/23 08:51		Analyzed: 03/22/23 11:25								
EPA 8260D												
Benzene	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
Toluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Xylenes, total	ND	---	1.50	ug/L	1	---	---	---	---	---	---	
Naphthalene	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery: 100 %*		*Limits: 80-120 %*			*Dilution: 1x*					
Toluene-d8 (Surr)		*104 %*		*80-120 %*			*"*					
4-Bromofluorobenzene (Surr)		*100 %*		*80-120 %*			*"*					
LCS (23C0845-BS1)		Prepared: 03/22/23 08:51		Analyzed: 03/22/23 10:32								
EPA 8260D												
Benzene	21.8	---	0.200	ug/L	1	20.0	---	109	80 - 120%	---	---	
Toluene	20.4	---	1.00	ug/L	1	20.0	---	102	80 - 120%	---	---	
Ethylbenzene	22.2	---	0.500	ug/L	1	20.0	---	111	80 - 120%	---	---	
Xylenes, total	70.4	---	1.50	ug/L	1	60.0	---	117	80 - 120%	---	---	
Naphthalene	17.3	---	2.00	ug/L	1	20.0	---	87	80 - 120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery: 97 %*		*Limits: 80-120 %*			*Dilution: 1x*					
Toluene-d8 (Surr)		*101 %*		*80-120 %*			*"*					
4-Bromofluorobenzene (Surr)		*93 %*		*80-120 %*			*"*					

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314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 03 23 1626**

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 23C0750 - Total Solids (Dry Weight)												**Soil**
Duplicate (23C0750-DUP6)		Prepared: 03/20/23 17:58		Analyzed: 03/21/23 06:34								
QC Source Sample: TPW-SW-8.0 (A3C0712-01)												
EPA 8000D												
% Solids	**77.8**	---	1.00	%	1	---	80.4	---	---	3	10%	

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

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SAMPLE PREPARATION INFORMATION

Hydrocarbon Identification Screen by NWTPH-HCID

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

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 23C0814							
A3C0712-14	Water	NWTPH-HCID	03/14/23 13:00	03/21/23 14:16	1060mL/5mL	1000mL/5mL	0.94

Prep: NWTPH-HCID (Soil)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 23C0758							
A3C0712-01	Soil	NWTPH-HCID	03/13/23 13:20	03/20/23 15:12	10.11g/10mL	10g/10mL	0.99
A3C0712-02	Soil	NWTPH-HCID	03/13/23 13:30	03/20/23 15:12	10.55g/10mL	10g/10mL	0.95
A3C0712-03	Soil	NWTPH-HCID	03/13/23 13:40	03/20/23 15:12	10.25g/10mL	10g/10mL	0.98
A3C0712-04	Soil	NWTPH-HCID	03/13/23 13:45	03/20/23 15:12	10.14g/10mL	10g/10mL	0.99
A3C0712-05	Soil	NWTPH-HCID	03/13/23 13:50	03/20/23 15:12	10.94g/10mL	10g/10mL	0.91
A3C0712-06	Soil	NWTPH-HCID	03/13/23 13:55	03/20/23 15:12	10.11g/10mL	10g/10mL	0.99
A3C0712-07	Soil	NWTPH-HCID	03/15/23 15:30	03/20/23 15:12	10.22g/10mL	10g/10mL	0.98
A3C0712-08	Soil	NWTPH-HCID	03/15/23 15:35	03/20/23 15:12	10.63g/10mL	10g/10mL	0.94
A3C0712-09	Soil	NWTPH-HCID	03/15/23 15:40	03/20/23 15:12	10.1g/10mL	10g/10mL	0.99
A3C0712-10	Soil	NWTPH-HCID	03/15/23 15:45	03/20/23 15:12	10.4g/10mL	10g/10mL	0.96
A3C0712-11	Soil	NWTPH-HCID	03/15/23 15:50	03/20/23 15:12	10.81g/10mL	10g/10mL	0.93
Batch: 23C0766							
A3C0712-12	Soil	NWTPH-HCID	03/15/23 15:55	03/20/23 15:12	10.07g/10mL	10g/10mL	0.99
A3C0712-13	Soil	NWTPH-HCID	03/17/23 13:45	03/20/23 15:12	10.44g/10mL	10g/10mL	0.96

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Prep: EPA 3546 (Fuels)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 23C0875							
A3C0712-01	Soil	NWTPH-Dx	03/13/23 13:20	03/22/23 14:36	10.29g/5mL	10g/5mL	0.97
A3C0712-05	Soil	NWTPH-Dx	03/13/23 13:50	03/22/23 14:36	10.38g/5mL	10g/5mL	0.96
A3C0712-07	Soil	NWTPH-Dx	03/15/23 15:30	03/22/23 14:36	10.21g/5mL	10g/5mL	0.98
A3C0712-09	Soil	NWTPH-Dx	03/15/23 15:40	03/22/23 14:36	10.42g/5mL	10g/5mL	0.96

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

Prep: EPA 5030C

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 23C0845							

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Cameron O'Brien, Project Manager

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

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 03 23 1626**

SAMPLE PREPARATION INFORMATION

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

Prep: EPA 5030C

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A3C0712-14	Water	NWTPH-Gx (MS)	03/14/23 13:00	03/22/23 15:43	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: 23C0894							
A3C0712-01	Soil	NWTPH-Gx (MS)	03/13/23 13:20	03/13/23 13:20	6.17g/5mL	5g/5mL	0.81
A3C0712-05	Soil	NWTPH-Gx (MS)	03/13/23 13:50	03/13/23 13:50	5.33g/5mL	5g/5mL	0.94
A3C0712-07	Soil	NWTPH-Gx (MS)	03/15/23 15:30	03/15/23 15:30	3.59g/5mL	5g/5mL	1.39

BTEX+N Compounds by EPA 8260D

Prep: EPA 5030C

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 23C0845							
A3C0712-14	Water	EPA 8260D	03/14/23 13:00	03/22/23 15:43	5mL/5mL	5mL/5mL	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: 23C0750							
A3C0712-01	Soil	EPA 8000D	03/13/23 13:20	03/20/23 17:58			NA
A3C0712-02	Soil	EPA 8000D	03/13/23 13:30	03/20/23 17:58			NA
A3C0712-03	Soil	EPA 8000D	03/13/23 13:40	03/20/23 17:58			NA
A3C0712-04	Soil	EPA 8000D	03/13/23 13:45	03/20/23 17:58			NA
A3C0712-05	Soil	EPA 8000D	03/13/23 13:50	03/20/23 17:58			NA
A3C0712-06	Soil	EPA 8000D	03/13/23 13:55	03/20/23 17:58			NA
A3C0712-07	Soil	EPA 8000D	03/15/23 15:30	03/20/23 17:58			NA
A3C0712-08	Soil	EPA 8000D	03/15/23 15:35	03/20/23 17:58			NA
A3C0712-09	Soil	EPA 8000D	03/15/23 15:40	03/20/23 17:58			NA
A3C0712-10	Soil	EPA 8000D	03/15/23 15:45	03/20/23 17:58			NA
A3C0712-11	Soil	EPA 8000D	03/15/23 15:50	03/20/23 17:58			NA
A3C0712-12	Soil	EPA 8000D	03/15/23 15:55	03/20/23 17:58			NA
A3C0712-13	Soil	EPA 8000D	03/17/23 13:45	03/20/23 17:58			NA

Apex Laboratories

Cameron O'Brien, Project Manager

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 03 23 1626**

QUALIFIER DEFINITIONS

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

Apex Laboratories

AMEND	The Result, Reporting Level, Recovery and/or RPD has changed. Note: Batch QC marked as AMENDED may or may not have been issued prior to the change. Case Narrative included if client data is affected.
F-09	Results in the Gasoline Range are impacted by the overlap of a heavier fuel hydrocarbon product.
F-11	The hydrocarbon pattern indicates possible weathered diesel, mineral oil, or a contribution from a related component.
F-12	The result for this hydrocarbon range is primarily due to the presence of individual analyte peaks in the quantitation range. No fuel pattern detected.
F-13	The chromatographic pattern does not resemble the fuel standard used for quantitation
Q-04	Spike recovery and/or RPD is outside control limits due to a non-homogeneous sample matrix.
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.)
S-06	Surrogate recovery is outside of established control limits.

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Cameron O'Brien, Project Manager

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 03 23 1626**

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) are not 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.

Apex Laboratories

Cameron O'Brien, Project Manager

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Apex Laboratories, LLC

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

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 03 23 1626**

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

Cameron O'Brien, Project Manager

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

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 03 23 1626**

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.

Apex Laboratories

Cameron O'Brien, Project Manager

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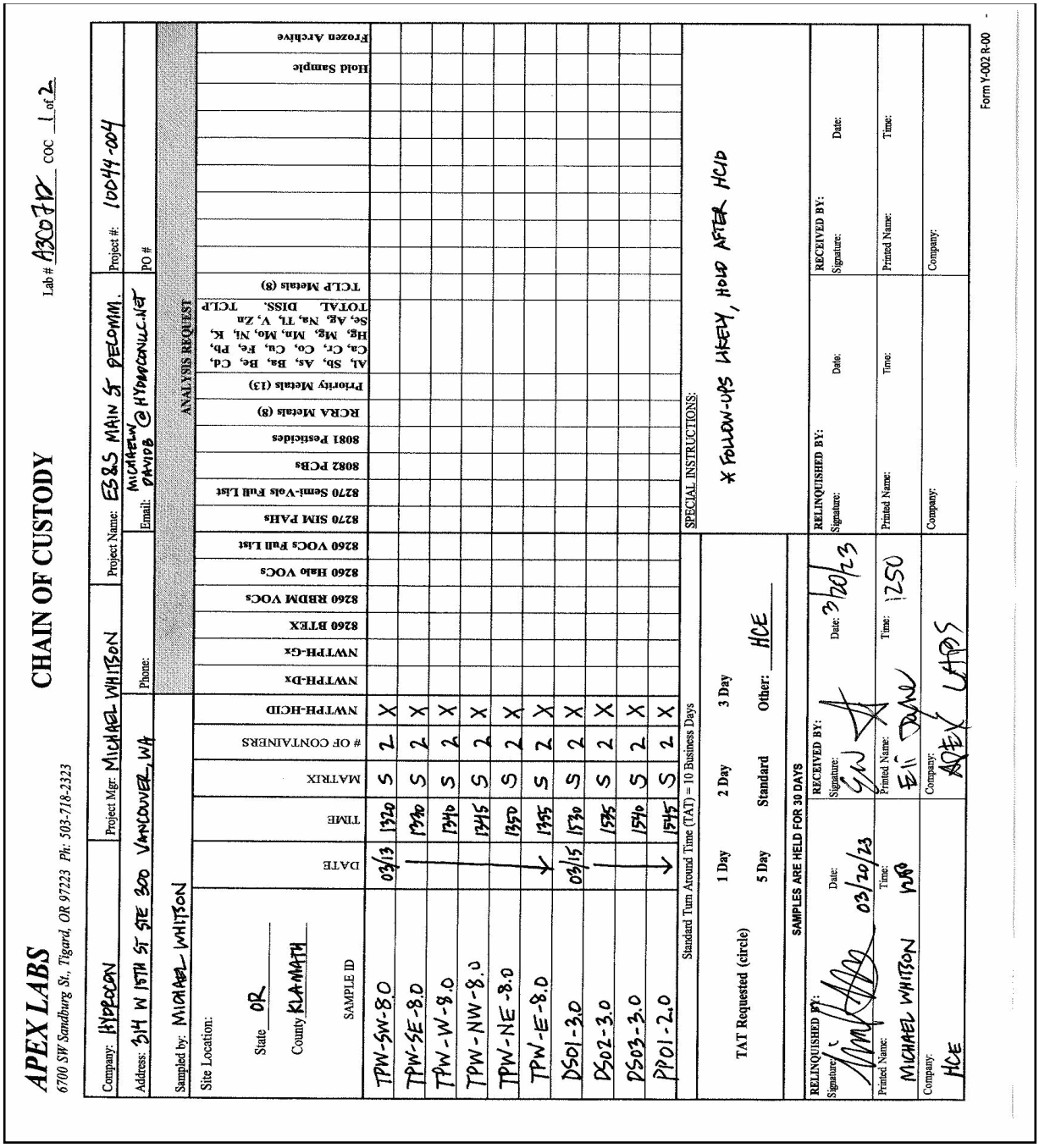
ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 03 23 1626**



APEX LABS
6700 SW Sandburg St., Tigard, OR 97223 Ph.: 503-718-2323

CHAIN OF CUSTODY

Lab # A3C0712 COC 1 of 2

Company: HYDROCON | Project Mgr: MICHAEL WHITSON | Project Name: ES&S MAIN ST DECOMM. | Project #: 10044-004
Address: 314 W 15TH ST STE 300 VANCOUVER, WA | Phone: | Email: DAVID@HYDROCONLLC.NET | PO #
Sampled by: MICHAEL WHITSON
Site Location: State OR County KLAMATH

SAMPLE ID	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pesticides	RCRA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS. TCLP	TCLP Metals (8)	Hold Sample	Frozen Archive
TPW-SW-8.0	03/13	1320	S	2	X																
TPW-SE-8.0		1330	S	2	X																
TPW-W-8.0		1340	S	2	X																
TPW-NW-8.0		1345	S	2	X																
TPW-NE-8.0		1350	S	2	X																
TPW-E-8.0	↓	1355	S	2	X																
DS01-3.0	03/15	1530	S	2	X																
DS02-3.0		1535	S	2	X																
DS03-3.0		1540	S	2	X																
PP01-2.0	↓	1545	S	2	X																

Standard Turn Around Time (TAT) = 10 Business Days

TAT Requested (circle): 1 Day 2 Day 3 Day 5 Day Standard Other: HCE

SPECIAL INSTRUCTIONS:
* FOLLOW-UPS LIKELY, HOLD AFTER HCID

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: Date: 03/20/23 Time: 1130 Printed Name: MICHAEL WHITSON Company: HCE
RECEIVED BY: Signature: Date: Time: Printed Name: Company:
RELINQUISHED BY: Signature: Date: Time: Printed Name: Company:
RECEIVED BY: Signature: Date: 3/20/23 Time: 1250 Printed Name: Company: APEX LABS

Form Y-002 R-00

Apex Laboratories

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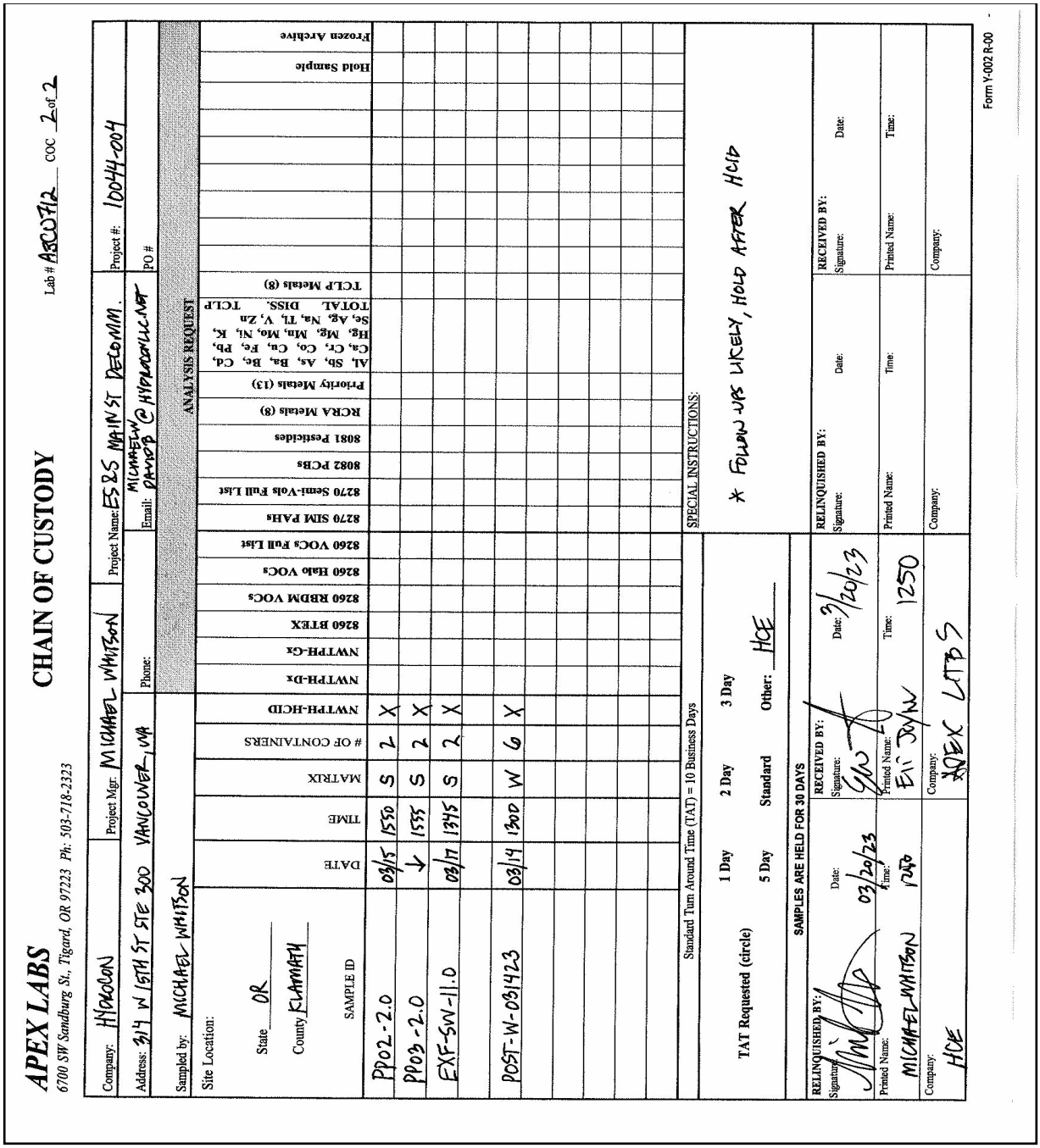
Cameron O'Brien, Project Manager

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

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 03 23 1626**



APEX LABS
6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323

CHAIN OF CUSTODY

Lab # A3C0712 COC 2 of 2

Company: HYDROCON | Project Mgr: MICHAEL WHITSON | Project Name: ES&S MAIN ST DECOMM. | Project #: 10044-004
Address: 314 W 15TH ST STE 300 VANCOUVER, WA | Phone: | Email: MICHAELW@HYDROCON.NET | PO #
Sampled by: MICHAEL WHITSON

Site Location: State OR County KLAMATH

SAMPLE ID	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pesticides	RCRA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS. TCLP	TCLP Metals (8)	Hold Sample	Frozen Archive
PP02-2.0	03/15	1550	S	2	X																
PP03-2.0	↓	1555	S	2	X																
EXF-SW-11.0	03/17	1345	S	2	X																
POST-W-031423	03/14	1300	W	6	X																

Standard Turn Around Time (TAT) = 10 Business Days

TAT Requested (circle): 1 Day 2 Day 3 Day 5 Day Standard Other: HOLD

SPECIAL INSTRUCTIONS: * FOUND VIA LIKELY, HOLD AFTER HOLD

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Signature:	Signature:	Signature:	Signature:
Date: 03/20/23	Date: 3/20/23	Date:	Date:
Time: 1720	Time: 1250	Time:	Time:
Printed Name: MICHAEL WHITSON	Printed Name: Eli Joyce	Printed Name:	Printed Name:
Company: HCE	Company: APEX LABS	Company:	Company:

Form Y-002 R-00

Apex Laboratories

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Cameron O'Brien, Project Manager

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

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 03 23 1626**

APEX LABS COOLER RECEIPT FORM

Client: Hydrocon Element WO#: A3C0712

Project/Project #: ES+S Main St. Decomm 10044-004

Delivery Info:
Date/time received: 3/20/23 @ 1250 By: EST

Delivered by: Apex__Client X ESS__FedEx__UPS__Radio__Morgan__SDS__Evergreen__Other__

Cooler Inspection Date/time inspected: 3/20/23 @ 1250 By: EST

Chain of Custody included? Yes X No ____

Signed/dated by client? Yes X No ____

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	1.4						
Custody seals? (Y/N)	N						
Received on ice? (Y/N)	Y						
Temp. blanks? (Y/N)	Y						
Ice type: (Gel/Real/Other)	Real						
Condition (In/Out):	In						

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

Green dots applied to out of temperature samples? Yes/No

Out of temperature samples form initiated? Yes/No

Sample Inspection: Date/time inspected: 3/20/23 @ 14:00 By: KAM

All samples intact? Yes X No ___ Comments: ____

Bottle labels/COCs agree? Yes X No ___ Comments: ____

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 ____

Water samples: pH checked: Yes X No ___ NA ___ pH appropriate? Yes X No ___ NA ___

Comments: ____

Additional information: ____

Labeled by: KAM Witness: RMP Cooler Inspected by: KAM

Form Y-003 R-00

Apex Laboratories

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Cameron O'Brien, Project Manager

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

ANALYTICAL REPORT

AMENDED REPORT

Tuesday, April 4, 2023

Michael Whitson
HydroCon LLC
314 W 15th Street Suite 300
Vancouver, WA 98660

RE: A3C0712 - ES&S Main St. Decomm. - 10044-004

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 A3C0712, which was received by the laboratory on 3/20/2023 at 12:50:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: cobrien@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)

Default Cooler	1.4 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

Cameron O'Brien, Project Manager

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Apex Laboratories, LLC
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503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TPW-SW-8.0	A3C0712-01	Soil	03/13/23 13:20	03/20/23 12:50
TPW-SE-8.0	A3C0712-02	Soil	03/13/23 13:30	03/20/23 12:50
TPW-W-8.0	A3C0712-03	Soil	03/13/23 13:40	03/20/23 12:50
TPW-NW-8.0	A3C0712-04	Soil	03/13/23 13:45	03/20/23 12:50
TPW-NE-8.0	A3C0712-05	Soil	03/13/23 13:50	03/20/23 12:50
TPW-E-8.0	A3C0712-06	Soil	03/13/23 13:55	03/20/23 12:50
DS01-3.0	A3C0712-07	Soil	03/15/23 15:30	03/20/23 12:50
DS02-3.0	A3C0712-08	Soil	03/15/23 15:35	03/20/23 12:50
DS03-3.0	A3C0712-09	Soil	03/15/23 15:40	03/20/23 12:50
PP01-2.0	A3C0712-10	Soil	03/15/23 15:45	03/20/23 12:50
PP02-2.0	A3C0712-11	Soil	03/15/23 15:50	03/20/23 12:50
PP03-2.0	A3C0712-12	Soil	03/15/23 15:55	03/20/23 12:50
EXF-SW-11.0	A3C0712-13	Soil	03/17/23 13:45	03/20/23 12:50
POST-W-031423	A3C0712-14	Water	03/14/23 13:00	03/20/23 12:50

Apex Laboratories

Cameron O'Brien, Project Manager

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**

ANALYTICAL CASE NARRATIVE

Work Order: A3C0712

Amended Report Revision 1: This report supersedes all previous reports.

Method NWTPH-Gx Data Correction - Omitted Results

Results for Gasoline by NWTPH-Gx were omitted from the original report for client sample "TPW-NE-8.0" (Apex Labs ID A3C0712-05).
The results are included herein.

David Jack
Technical Manager
April 3, 2023

Amended Report Revision 1

This report supersedes all previous reports.

The Final Report has been amended to include 8260 RBDM results for sample TPW-NE-8.0 (Apex Lab WO A3C0712-05).

Cameron O'Brien
Project Manager
4/3/23

Apex Laboratories

Cameron O'Brien, Project Manager

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

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
TPW-SW-8.0 (A3C0712-01)				**Matrix: Soil**		**Batch: 23C0758**		
Gasoline Range Organics	**DET**	---	24.6	mg/kg dry	1	03/20/23 23:14	NWTPH-HCID	F-09
Diesel Range Organics	**DET**	---	61.5	mg/kg dry	1	03/20/23 23:14	NWTPH-HCID	F-13
Oil Range Organics	**DET**	---	123	mg/kg dry	1	03/20/23 23:14	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*93 %*	*Limits: 50-150 %*	*1*	*03/20/23 23:14*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*93 %*	*50-150 %*	*1*	*03/20/23 23:14*	*NWTPH-HCID*	
TPW-SE-8.0 (A3C0712-02)				**Matrix: Soil**		**Batch: 23C0758**		
Gasoline Range Organics	ND	---	24.1	mg/kg dry	1	03/20/23 23:37	NWTPH-HCID	
Diesel Range Organics	ND	---	60.3	mg/kg dry	1	03/20/23 23:37	NWTPH-HCID	
Oil Range Organics	ND	---	121	mg/kg dry	1	03/20/23 23:37	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*99 %*	*Limits: 50-150 %*	*1*	*03/20/23 23:37*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*96 %*	*50-150 %*	*1*	*03/20/23 23:37*	*NWTPH-HCID*	
TPW-W-8.0 (A3C0712-03)				**Matrix: Soil**		**Batch: 23C0758**		
Gasoline Range Organics	ND	---	38.0	mg/kg dry	1	03/21/23 00:01	NWTPH-HCID	
Diesel Range Organics	ND	---	94.9	mg/kg dry	1	03/21/23 00:01	NWTPH-HCID	
Oil Range Organics	ND	---	190	mg/kg dry	1	03/21/23 00:01	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*100 %*	*Limits: 50-150 %*	*1*	*03/21/23 00:01*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*92 %*	*50-150 %*	*1*	*03/21/23 00:01*	*NWTPH-HCID*	
TPW-NW-8.0 (A3C0712-04)				**Matrix: Soil**		**Batch: 23C0758**		
Gasoline Range Organics	ND	---	28.5	mg/kg dry	1	03/21/23 00:24	NWTPH-HCID	
Diesel Range Organics	ND	---	71.3	mg/kg dry	1	03/21/23 00:24	NWTPH-HCID	
Oil Range Organics	ND	---	143	mg/kg dry	1	03/21/23 00:24	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*102 %*	*Limits: 50-150 %*	*1*	*03/21/23 00:24*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*99 %*	*50-150 %*	*1*	*03/21/23 00:24*	*NWTPH-HCID*	
TPW-NE-8.0 (A3C0712-05)				**Matrix: Soil**		**Batch: 23C0758**		
Gasoline Range Organics	**DET**	---	25.8	mg/kg dry	1	03/21/23 00:48	NWTPH-HCID	F-09
Diesel Range Organics	**DET**	---	64.5	mg/kg dry	1	03/21/23 00:48	NWTPH-HCID	F-13
Oil Range Organics	ND	---	129	mg/kg dry	1	03/21/23 00:48	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*102 %*	*Limits: 50-150 %*	*1*	*03/21/23 00:48*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*82 %*	*50-150 %*	*1*	*03/21/23 00:48*	*NWTPH-HCID*	
TPW-E-8.0 (A3C0712-06)				**Matrix: Soil**		**Batch: 23C0758**		
Gasoline Range Organics	ND	---	26.9	mg/kg dry	1	03/21/23 01:12	NWTPH-HCID	
Diesel Range Organics	ND	---	67.3	mg/kg dry	1	03/21/23 01:12	NWTPH-HCID	

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Cameron O'Brien, Project Manager

Apex Laboratories, LLC
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ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
TPW-E-8.0 (A3C0712-06)				**Matrix: Soil**		**Batch: 23C0758**		
Oil Range Organics	ND	---	135	mg/kg dry	1	03/21/23 01:12	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*102 %*	*Limits: 50-150 %*	*1*	*03/21/23 01:12*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*93 %*	*50-150 %*	*1*	*03/21/23 01:12*	*NWTPH-HCID*	
DS01-3.0 (A3C0712-07)				**Matrix: Soil**		**Batch: 23C0758**		
Gasoline Range Organics	**DET**	---	27.9	mg/kg dry	1	03/21/23 03:32	NWTPH-HCID	F-09
Diesel Range Organics	**DET**	---	69.7	mg/kg dry	1	03/21/23 03:32	NWTPH-HCID	F-13
Oil Range Organics	ND	---	139	mg/kg dry	1	03/21/23 03:32	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*93 %*	*Limits: 50-150 %*	*1*	*03/21/23 03:32*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*79 %*	*50-150 %*	*1*	*03/21/23 03:32*	*NWTPH-HCID*	
DS02-3.0 (A3C0712-08)				**Matrix: Soil**		**Batch: 23C0758**		
Gasoline Range Organics	ND	---	25.9	mg/kg dry	1	03/21/23 01:35	NWTPH-HCID	
Diesel Range Organics	ND	---	64.7	mg/kg dry	1	03/21/23 01:35	NWTPH-HCID	
Oil Range Organics	ND	---	129	mg/kg dry	1	03/21/23 01:35	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*88 %*	*Limits: 50-150 %*	*1*	*03/21/23 01:35*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*83 %*	*50-150 %*	*1*	*03/21/23 01:35*	*NWTPH-HCID*	
DS03-3.0 (A3C0712-09)				**Matrix: Soil**		**Batch: 23C0758**		
Gasoline Range Organics	ND	---	25.7	mg/kg dry	1	03/21/23 01:58	NWTPH-HCID	
Diesel Range Organics	**DET**	---	64.3	mg/kg dry	1	03/21/23 01:58	NWTPH-HCID	F-11
Oil Range Organics	ND	---	129	mg/kg dry	1	03/21/23 01:58	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*106 %*	*Limits: 50-150 %*	*1*	*03/21/23 01:58*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*81 %*	*50-150 %*	*1*	*03/21/23 01:58*	*NWTPH-HCID*	
PP01-2.0 (A3C0712-10)				**Matrix: Soil**		**Batch: 23C0758**		
Gasoline Range Organics	ND	---	23.9	mg/kg dry	1	03/21/23 02:22	NWTPH-HCID	
Diesel Range Organics	ND	---	59.7	mg/kg dry	1	03/21/23 02:22	NWTPH-HCID	
Oil Range Organics	ND	---	119	mg/kg dry	1	03/21/23 02:22	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*87 %*	*Limits: 50-150 %*	*1*	*03/21/23 02:22*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*71 %*	*50-150 %*	*1*	*03/21/23 02:22*	*NWTPH-HCID*	
PP02-2.0 (A3C0712-11)				**Matrix: Soil**		**Batch: 23C0758**		
Gasoline Range Organics	ND	---	25.8	mg/kg dry	1	03/21/23 02:45	NWTPH-HCID	
Diesel Range Organics	ND	---	64.4	mg/kg dry	1	03/21/23 02:45	NWTPH-HCID	
Oil Range Organics	ND	---	129	mg/kg dry	1	03/21/23 02:45	NWTPH-HCID	

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Cameron O'Brien, Project Manager

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC
314 W 15th Street Suite 300
Vancouver, WA 98660

Project: **ES&S Main St. Decomm.**
Project Number: **10044-004**
Project Manager: **Michael Whitson**

Report ID:
A3C0712 - 04 04 23 1555

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
PP02-2.0 (A3C0712-11)				**Matrix: Soil**		**Batch: 23C0758**		
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*98 %*	*Limits: 50-150 %*	*1*	*03/21/23 02:45*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*83 %*	*50-150 %*	*1*	*03/21/23 02:45*	*NWTPH-HCID*	
PP03-2.0 (A3C0712-12)				**Matrix: Soil**		**Batch: 23C0766**		
Gasoline Range Organics	ND	---	27.9	mg/kg dry	1	03/21/23 08:14	NWTPH-HCID	
Diesel Range Organics	ND	---	69.7	mg/kg dry	1	03/21/23 08:14	NWTPH-HCID	
Oil Range Organics	ND	---	139	mg/kg dry	1	03/21/23 08:14	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*83 %*	*Limits: 50-150 %*	*1*	*03/21/23 08:14*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*62 %*	*50-150 %*	*1*	*03/21/23 08:14*	*NWTPH-HCID*	
EXF-SW-11.0 (A3C0712-13)				**Matrix: Soil**		**Batch: 23C0766**		
Gasoline Range Organics	ND	---	48.1	mg/kg dry	1	03/21/23 09:02	NWTPH-HCID	
Diesel Range Organics	ND	---	120	mg/kg dry	1	03/21/23 09:02	NWTPH-HCID	
Oil Range Organics	ND	---	241	mg/kg dry	1	03/21/23 09:02	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*81 %*	*Limits: 50-150 %*	*1*	*03/21/23 09:02*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*47 %*	*50-150 %*	*1*	*03/21/23 09:02*	*NWTPH-HCID*	*S-06*
POST-W-031423 (A3C0712-14)				**Matrix: Water**		**Batch: 23C0814**		
Gasoline Range Organics	**DET**	---	0.0943	mg/L	1	03/22/23 00:54	NWTPH-HCID	F-12
Diesel Range Organics	ND	---	0.236	mg/L	1	03/22/23 00:54	NWTPH-HCID	
Oil Range Organics	ND	---	0.236	mg/L	1	03/22/23 00:54	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*84 %*	*Limits: 50-150 %*	*1*	*03/22/23 00:54*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*25 %*	*10-120 %*	*1*	*03/22/23 00:54*	*NWTPH-HCID*	

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Cameron O'Brien, Project Manager

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**

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
TPW-SW-8.0 (A3C0712-01)				**Matrix: Soil**		**Batch: 23C0875**		
Diesel	**68.7**	---	24.2	mg/kg dry	1	03/23/23 04:02	NWTPH-Dx	**F-13**
Oil	**788**	---	48.3	mg/kg dry	1	03/23/23 04:02	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 81 %*		*Limits: 50-150 %*	*1*	*03/23/23 04:02*	*NWTPH-Dx*	
TPW-NE-8.0 (A3C0712-05)				**Matrix: Soil**		**Batch: 23C0875**		
Diesel	**89.6**	---	27.2	mg/kg dry	1	03/23/23 04:22	NWTPH-Dx	**F-13**
Oil	ND	---	54.4	mg/kg dry	1	03/23/23 04:22	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 89 %*		*Limits: 50-150 %*	*1*	*03/23/23 04:22*	*NWTPH-Dx*	
DS01-3.0 (A3C0712-07)				**Matrix: Soil**		**Batch: 23C0875**		
Diesel	**243**	---	27.9	mg/kg dry	1	03/23/23 04:43	NWTPH-Dx	**F-13**
Oil	ND	---	55.8	mg/kg dry	1	03/23/23 04:43	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 78 %*		*Limits: 50-150 %*	*1*	*03/23/23 04:43*	*NWTPH-Dx*	
DS03-3.0 (A3C0712-09)				**Matrix: Soil**		**Batch: 23C0875**		
Diesel	**278**	---	24.9	mg/kg dry	1	03/23/23 05:03	NWTPH-Dx	**F-11, Q-42**
Oil	ND	---	49.8	mg/kg dry	1	03/23/23 05:03	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 85 %*		*Limits: 50-150 %*	*1*	*03/23/23 05:03*	*NWTPH-Dx*	

Apex Laboratories

Cameron O'Brien, Project Manager

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**

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
TPW-SW-8.0 (A3C0712-01)				**Matrix: Soil**		**Batch: 23C0894**		
Gasoline Range Organics	**205**	---	12.5	mg/kg dry	100	03/23/23 17:02	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery:*	*108 %*	*Limits: 50-150 %*	*1*	*03/23/23 17:02*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*103 %*	*50-150 %*	*1*	*03/23/23 17:02*	*NWTPH-Gx (MS)*	
TPW-NE-8.0 (A3C0712-05)				**Matrix: Soil**		**Batch: 23C0894**		**AMEND**
Gasoline Range Organics	**500**	---	86.7	mg/kg dry	500	03/23/23 18:45	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery:*	*106 %*	*Limits: 50-150 %*	*1*	*03/23/23 18:45*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*102 %*	*50-150 %*	*1*	*03/23/23 18:45*	*NWTPH-Gx (MS)*	
DS01-3.0 (A3C0712-07)				**Matrix: Soil**		**Batch: 23C0894**		
Gasoline Range Organics	**436**	---	24.1	mg/kg dry	100	03/23/23 17:28	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery:*	*111 %*	*Limits: 50-150 %*	*1*	*03/23/23 17:28*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*103 %*	*50-150 %*	*1*	*03/23/23 17:28*	*NWTPH-Gx (MS)*	
POST-W-031423 (A3C0712-14)				**Matrix: Water**		**Batch: 23C0845**		
Gasoline Range Organics	ND	---	100	ug/L	1	03/22/23 17:03	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery:*	*96 %*	*Limits: 50-150 %*	*1*	*03/22/23 17:03*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*103 %*	*50-150 %*	*1*	*03/22/23 17:03*	*NWTPH-Gx (MS)*	

Apex Laboratories

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Cameron O'Brien, Project Manager

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC
314 W 15th Street Suite 300
Vancouver, WA 98660

Project: **ES&S Main St. Decomm.**
Project Number: **10044-004**
Project Manager: **Michael Whitson**

Report ID:
A3C0712 - 04 04 23 1555

ANALYTICAL SAMPLE RESULTS

BTEX+N Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
POST-W-031423 (A3C0712-14)				**Matrix: Water**		**Batch: 23C0845**		
Benzene	ND	---	0.200	ug/L	1	03/22/23 17:03	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	03/22/23 17:03	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	03/22/23 17:03	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	03/22/23 17:03	EPA 8260D	
Naphthalene	ND	---	2.00	ug/L	1	03/22/23 17:03	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits:* *80-120 %*	*1*	*03/22/23 17:03*	*EPA 8260D*	
Toluene-d8 (Surr)			*100 %*	*80-120 %*	*1*	*03/22/23 17:03*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*98 %*	*80-120 %*	*1*	*03/22/23 17:03*	*EPA 8260D*	

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**

ANALYTICAL SAMPLE RESULTS

Selected Volatile Organic Compounds by EPA 5035A/8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
TPW-NE-8.0 (A3C0712-05)				**Matrix: Soil**		**Batch: 23C0894**		
Benzene	ND	---	0.173	mg/kg dry	500	03/23/23 18:45	5035A/8260D	
Toluene	ND	---	0.867	mg/kg dry	500	03/23/23 18:45	5035A/8260D	
Ethylbenzene	ND	---	0.434	mg/kg dry	500	03/23/23 18:45	5035A/8260D	
Xylenes, total	ND	---	1.30	mg/kg dry	500	03/23/23 18:45	5035A/8260D	
Methyl tert-butyl ether (MTBE)	ND	---	0.867	mg/kg dry	500	03/23/23 18:45	5035A/8260D	
Naphthalene	ND	---	2.60	mg/kg dry	500	03/23/23 18:45	5035A/8260D	R-06
1,2-Dibromoethane (EDB)	ND	---	0.867	mg/kg dry	500	03/23/23 18:45	5035A/8260D	
1,2-Dichloroethane (EDC)	ND	---	0.434	mg/kg dry	500	03/23/23 18:45	5035A/8260D	
Isopropylbenzene	ND	---	0.867	mg/kg dry	500	03/23/23 18:45	5035A/8260D	
1,2,4-Trimethylbenzene	ND	---	1.73	mg/kg dry	500	03/23/23 18:45	5035A/8260D	R-06
1,3,5-Trimethylbenzene	ND	---	0.867	mg/kg dry	500	03/23/23 18:45	5035A/8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*108 %*	*Limits: 80-120 %*	*1*	*03/23/23 18:45*	*5035A/8260D*	
Toluene-d8 (Surr)			*97 %*	*80-120 %*	*1*	*03/23/23 18:45*	*5035A/8260D*	
4-Bromofluorobenzene (Surr)			*98 %*	*79-120 %*	*1*	*03/23/23 18:45*	*5035A/8260D*	

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Cameron O'Brien, Project Manager

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC
314 W 15th Street Suite 300
Vancouver, WA 98660

Project: **ES&S Main St. Decomm.**
Project Number: **10044-004**
Project Manager: **Michael Whitson**

Report ID:
A3C0712 - 04 04 23 1555

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
TPW-SW-8.0 (A3C0712-01)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**80.4**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	
TPW-SE-8.0 (A3C0712-02)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**78.6**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	
TPW-W-8.0 (A3C0712-03)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**51.4**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	
TPW-NW-8.0 (A3C0712-04)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**69.1**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	
TPW-NE-8.0 (A3C0712-05)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**70.9**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	
TPW-E-8.0 (A3C0712-06)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**73.5**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	
DS01-3.0 (A3C0712-07)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**70.2**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	
DS02-3.0 (A3C0712-08)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**72.7**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	
DS03-3.0 (A3C0712-09)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**77.0**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	
PP01-2.0 (A3C0712-10)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**80.6**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	
PP02-2.0 (A3C0712-11)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**71.8**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	
PP03-2.0 (A3C0712-12)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**71.2**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	
EXF-SW-11.0 (A3C0712-13)				**Matrix: Soil**		**Batch: 23C0750**		
% Solids	**39.8**	---	1.00	%	1	03/21/23 06:34	EPA 8000D	

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**

QUALITY CONTROL (QC) SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 23C0758 - NWTPH-HCID (Soil)											Soil	
Blank (23C0758-BLK1)		Prepared: 03/20/23 12:54 Analyzed: 03/20/23 20:52										
NWTPH-HCID												
Gasoline Range Organics	ND	---	20.0	mg/kg wet	1	---	---	---	---	---	---	
Diesel Range Organics	ND	---	50.0	mg/kg wet	1	---	---	---	---	---	---	
Oil Range Organics	ND	---	100	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 104 %*		*Limits: 50-150 %*			*Dilution: 1x*					
4-Bromofluorobenzene (Surr)		*98 %*		*50-150 %*			*"*					
Duplicate (23C0758-DUP2)		Prepared: 03/20/23 15:12 Analyzed: 03/21/23 03:08										
QC Source Sample: PP02-2.0 (A3C0712-11)												
NWTPH-HCID												
Gasoline Range Organics	ND	---	26.8	mg/kg dry	1	---	ND	---	---	---	30%	
Diesel Range Organics	ND	---	67.0	mg/kg dry	1	---	ND	---	---	---	30%	
Oil Range Organics	ND	---	134	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)		*Recovery: 104 %*		*Limits: 50-150 %*			*Dilution: 1x*					
4-Bromofluorobenzene (Surr)		*82 %*		*50-150 %*			*"*					
Batch 23C0766 - NWTPH-HCID (Soil)											Soil	
Blank (23C0766-BLK1)		Prepared: 03/20/23 15:12 Analyzed: 03/21/23 07:50										
NWTPH-HCID												
Gasoline Range Organics	ND	---	20.0	mg/kg wet	1	---	---	---	---	---	---	
Diesel Range Organics	ND	---	50.0	mg/kg wet	1	---	---	---	---	---	---	
Oil Range Organics	ND	---	100	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 84 %*		*Limits: 50-150 %*			*Dilution: 1x*					
4-Bromofluorobenzene (Surr)		*82 %*		*50-150 %*			*"*					
Duplicate (23C0766-DUP1)		Prepared: 03/20/23 15:12 Analyzed: 03/21/23 08:38										
QC Source Sample: PP03-2.0 (A3C0712-12)												
NWTPH-HCID												
Gasoline Range Organics	ND	---	26.0	mg/kg dry	1	---	ND	---	---	---	30%	
Diesel Range Organics	ND	---	65.0	mg/kg dry	1	---	ND	---	---	---	30%	
Oil Range Organics	ND	---	130	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)		*Recovery: 80 %*		*Limits: 50-150 %*			*Dilution: 1x*					
4-Bromofluorobenzene (Surr)		*58 %*		*50-150 %*			*"*					

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**

QUALITY CONTROL (QC) SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 23C0766 - NWTPH-HCID (Soil)												
Duplicate (23C0766-DUP1)		Prepared: 03/20/23 15:12 Analyzed: 03/21/23 08:38										
QC Source Sample: PP03-2.0 (A3C0712-12)												

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Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**

QUALITY CONTROL (QC) SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 23C0814 - EPA 3510C (Fuels/Acid Ext.)												**Water**
Blank (23C0814-BLK1)		Prepared: 03/21/23 13:44		Analyzed: 03/21/23 21:27								
NWTPH-HCID												
Gasoline Range Organics	ND	---	0.100	mg/L	1	---	---	---	---	---	---	
Diesel Range Organics	ND	---	0.250	mg/L	1	---	---	---	---	---	---	
Oil Range Organics	ND	---	0.250	mg/L	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 88 %*		*Limits: 50-150 %*			*Dilution: 1x*					
4-Bromofluorobenzene (Surr)		*23 %*		*10-120 %*			*"*					

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314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**

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 23C0875 - EPA 3546 (Fuels)							**Soil**					
Blank (23C0875-BLK1)		Prepared: 03/22/23 13:45		Analyzed: 03/22/23 19:32								
NWTPH-Dx												
Diesel	ND	---	20.0	mg/kg wet	1	---	---	---	---	---	---	
Oil	ND	---	40.0	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 78 %*		*Limits: 50-150 %*			*Dilution: 1x*					
LCS (23C0875-BS1)		Prepared: 03/22/23 13:45		Analyzed: 03/22/23 19:53								
NWTPH-Dx												
Diesel	107	---	20.0	mg/kg wet	1	125	---	85	38 - 132%	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 88 %*		*Limits: 50-150 %*			*Dilution: 1x*					
Duplicate (23C0875-DUP2)		Prepared: 03/22/23 13:45		Analyzed: 03/23/23 05:23								
QC Source Sample: DS03-3.0 (A3C0712-09)												
NWTPH-Dx												
Diesel	**153**	---	25.4	mg/kg dry	1	---	278	---	---	**58**	**30%**	F-11, Q-04
Oil	ND	---	50.9	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)		*Recovery: 88 %*		*Limits: 50-150 %*			*Dilution: 1x*					

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Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**

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 23C0845 - EPA 5030C									Water			
Blank (23C0845-BLK1)		Prepared: 03/22/23 08:51		Analyzed: 03/22/23 11:25								
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	100	ug/L	1	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 92 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*106 %*		*50-150 %*			*"*					
LCS (23C0845-BS2)		Prepared: 03/22/23 08:51		Analyzed: 03/22/23 11:03								
NWTPH-Gx (MS)												
Gasoline Range Organics	453	---	100	ug/L	1	500	---	91	80 - 120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 90 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*97 %*		*50-150 %*			*"*					

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**

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 23C0894 - EPA 5035A									Soil			
Blank (23C0894-BLK1)		Prepared: 03/23/23 08:10		Analyzed: 03/23/23 11:05								
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	5.00	mg/kg wet	50	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 102 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*104 %*		*50-150 %*			*"*					
LCS (23C0894-BS2)		Prepared: 03/23/23 08:10		Analyzed: 03/23/23 10:34								
NWTPH-Gx (MS)												
Gasoline Range Organics	24.2	---	5.00	mg/kg wet	50	25.0	---	97	80 - 120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 99 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*102 %*		*50-150 %*			*"*					

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ANALYTICAL REPORT

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314 W 15th Street Suite 300	Project Number: 10044-004	Report ID:
Vancouver, WA 98660	Project Manager: Michael Whitson	A3C0712 - 04 04 23 1555

QUALITY CONTROL (QC) SAMPLE RESULTS

BTEX+N Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 23C0845 - EPA 5030C												**Water**
Blank (23C0845-BLK1)		Prepared: 03/22/23 08:51		Analyzed: 03/22/23 11:25								
EPA 8260D												
Benzene	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
Toluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Xylenes, total	ND	---	1.50	ug/L	1	---	---	---	---	---	---	
Naphthalene	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery: 100 %*		*Limits: 80-120 %*			*Dilution: 1x*					
Toluene-d8 (Surr)		*104 %*		*80-120 %*			*"*					
4-Bromofluorobenzene (Surr)		*100 %*		*80-120 %*			*"*					
LCS (23C0845-BS1)		Prepared: 03/22/23 08:51		Analyzed: 03/22/23 10:32								
EPA 8260D												
Benzene	21.8	---	0.200	ug/L	1	20.0	---	109	80 - 120%	---	---	
Toluene	20.4	---	1.00	ug/L	1	20.0	---	102	80 - 120%	---	---	
Ethylbenzene	22.2	---	0.500	ug/L	1	20.0	---	111	80 - 120%	---	---	
Xylenes, total	70.4	---	1.50	ug/L	1	60.0	---	117	80 - 120%	---	---	
Naphthalene	17.3	---	2.00	ug/L	1	20.0	---	87	80 - 120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery: 97 %*		*Limits: 80-120 %*			*Dilution: 1x*					
Toluene-d8 (Surr)		*101 %*		*80-120 %*			*"*					
4-Bromofluorobenzene (Surr)		*93 %*		*80-120 %*			*"*					

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**

QUALITY CONTROL (QC) SAMPLE RESULTS

Selected Volatile Organic Compounds by EPA 5035A/8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 23C0894 - EPA 5035A							**Soil**					
Blank (23C0894-BLK1)		Prepared: 03/23/23 08:10 Analyzed: 03/23/23 11:05										
5035A/8260D												
Benzene	ND	---	0.0100	mg/kg wet	50	---	---	---	---	---	---	
Toluene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
Xylenes, total	ND	---	0.0750	mg/kg wet	50	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
Naphthalene	ND	---	0.100	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
Isopropylbenzene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*108 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*97 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*97 %*		*79-120 %*			*"*				
LCS (23C0894-BS1)		Prepared: 03/23/23 08:10 Analyzed: 03/23/23 10:08										
5035A/8260D												
Benzene	1.07	---	0.0100	mg/kg wet	50	1.00	---	107	80 - 120%	---	---	
Toluene	0.960	---	0.0500	mg/kg wet	50	1.00	---	96	80 - 120%	---	---	
Ethylbenzene	0.955	---	0.0250	mg/kg wet	50	1.00	---	96	80 - 120%	---	---	
Xylenes, total	2.78	---	0.0750	mg/kg wet	50	3.00	---	93	80 - 120%	---	---	
Methyl tert-butyl ether (MTBE)	0.942	---	0.0500	mg/kg wet	50	1.00	---	94	80 - 120%	---	---	
Naphthalene	0.834	---	0.100	mg/kg wet	50	1.00	---	83	80 - 120%	---	---	
1,2-Dibromoethane (EDB)	0.966	---	0.0500	mg/kg wet	50	1.00	---	97	80 - 120%	---	---	
1,2-Dichloroethane (EDC)	1.07	---	0.0250	mg/kg wet	50	1.00	---	107	80 - 120%	---	---	
Isopropylbenzene	0.914	---	0.0500	mg/kg wet	50	1.00	---	91	80 - 120%	---	---	
1,2,4-Trimethylbenzene	0.910	---	0.0500	mg/kg wet	50	1.00	---	91	80 - 120%	---	---	
1,3,5-Trimethylbenzene	0.924	---	0.0500	mg/kg wet	50	1.00	---	92	80 - 120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*108 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*99 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*94 %*		*79-120 %*			*"*				

Apex Laboratories

Cameron O'Brien, Project Manager

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

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**

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 23C0750 - Total Solids (Dry Weight)												**Soil**
Duplicate (23C0750-DUP6)		Prepared: 03/20/23 17:58		Analyzed: 03/21/23 06:34								
QC Source Sample: TPW-SW-8.0 (A3C0712-01)												
EPA 8000D												
% Solids	**77.8**	---	1.00	%	1	---	80.4	---	---	3	10%	

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

Apex Laboratories

Cameron O'Brien, Project Manager

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**

SAMPLE PREPARATION INFORMATION

Hydrocarbon Identification Screen by NWTPH-HCID

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

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 23C0814							
A3C0712-14	Water	NWTPH-HCID	03/14/23 13:00	03/21/23 14:16	1060mL/5mL	1000mL/5mL	0.94

Prep: NWTPH-HCID (Soil)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 23C0758							
A3C0712-01	Soil	NWTPH-HCID	03/13/23 13:20	03/20/23 15:12	10.11g/10mL	10g/10mL	0.99
A3C0712-02	Soil	NWTPH-HCID	03/13/23 13:30	03/20/23 15:12	10.55g/10mL	10g/10mL	0.95
A3C0712-03	Soil	NWTPH-HCID	03/13/23 13:40	03/20/23 15:12	10.25g/10mL	10g/10mL	0.98
A3C0712-04	Soil	NWTPH-HCID	03/13/23 13:45	03/20/23 15:12	10.14g/10mL	10g/10mL	0.99
A3C0712-05	Soil	NWTPH-HCID	03/13/23 13:50	03/20/23 15:12	10.94g/10mL	10g/10mL	0.91
A3C0712-06	Soil	NWTPH-HCID	03/13/23 13:55	03/20/23 15:12	10.11g/10mL	10g/10mL	0.99
A3C0712-07	Soil	NWTPH-HCID	03/15/23 15:30	03/20/23 15:12	10.22g/10mL	10g/10mL	0.98
A3C0712-08	Soil	NWTPH-HCID	03/15/23 15:35	03/20/23 15:12	10.63g/10mL	10g/10mL	0.94
A3C0712-09	Soil	NWTPH-HCID	03/15/23 15:40	03/20/23 15:12	10.1g/10mL	10g/10mL	0.99
A3C0712-10	Soil	NWTPH-HCID	03/15/23 15:45	03/20/23 15:12	10.4g/10mL	10g/10mL	0.96
A3C0712-11	Soil	NWTPH-HCID	03/15/23 15:50	03/20/23 15:12	10.81g/10mL	10g/10mL	0.93
Batch: 23C0766							
A3C0712-12	Soil	NWTPH-HCID	03/15/23 15:55	03/20/23 15:12	10.07g/10mL	10g/10mL	0.99
A3C0712-13	Soil	NWTPH-HCID	03/17/23 13:45	03/20/23 15:12	10.44g/10mL	10g/10mL	0.96

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Prep: EPA 3546 (Fuels)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 23C0875							
A3C0712-01	Soil	NWTPH-Dx	03/13/23 13:20	03/22/23 14:36	10.29g/5mL	10g/5mL	0.97
A3C0712-05	Soil	NWTPH-Dx	03/13/23 13:50	03/22/23 14:36	10.38g/5mL	10g/5mL	0.96
A3C0712-07	Soil	NWTPH-Dx	03/15/23 15:30	03/22/23 14:36	10.21g/5mL	10g/5mL	0.98
A3C0712-09	Soil	NWTPH-Dx	03/15/23 15:40	03/22/23 14:36	10.42g/5mL	10g/5mL	0.96

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

Prep: EPA 5030C

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 23C0845							

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Cameron O'Brien, Project Manager

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

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**

SAMPLE PREPARATION INFORMATION

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

Prep: EPA 5030C

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A3C0712-14	Water	NWTPH-Gx (MS)	03/14/23 13:00	03/22/23 15:43	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: 23C0894							
A3C0712-01	Soil	NWTPH-Gx (MS)	03/13/23 13:20	03/13/23 13:20	6.17g/5mL	5g/5mL	0.81
A3C0712-05	Soil	NWTPH-Gx (MS)	03/13/23 13:50	03/13/23 13:50	5.33g/5mL	5g/5mL	0.94
A3C0712-07	Soil	NWTPH-Gx (MS)	03/15/23 15:30	03/15/23 15:30	3.59g/5mL	5g/5mL	1.39

BTEX+N Compounds by EPA 8260D

Prep: EPA 5030C

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 23C0845							
A3C0712-14	Water	EPA 8260D	03/14/23 13:00	03/22/23 15:43	5mL/5mL	5mL/5mL	1.00

Selected Volatile Organic Compounds by EPA 5035A/8260D

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 23C0894							
A3C0712-05	Soil	5035A/8260D	03/13/23 13:50	03/13/23 13:50	5.33g/5mL	5g/5mL	0.94

Percent Dry Weight

Prep: Total Solids (Dry Weight)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 23C0750							
A3C0712-01	Soil	EPA 8000D	03/13/23 13:20	03/20/23 17:58			NA
A3C0712-02	Soil	EPA 8000D	03/13/23 13:30	03/20/23 17:58			NA
A3C0712-03	Soil	EPA 8000D	03/13/23 13:40	03/20/23 17:58			NA
A3C0712-04	Soil	EPA 8000D	03/13/23 13:45	03/20/23 17:58			NA
A3C0712-05	Soil	EPA 8000D	03/13/23 13:50	03/20/23 17:58			NA
A3C0712-06	Soil	EPA 8000D	03/13/23 13:55	03/20/23 17:58			NA
A3C0712-07	Soil	EPA 8000D	03/15/23 15:30	03/20/23 17:58			NA
A3C0712-08	Soil	EPA 8000D	03/15/23 15:35	03/20/23 17:58			NA
A3C0712-09	Soil	EPA 8000D	03/15/23 15:40	03/20/23 17:58			NA

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Cameron O'Brien, Project Manager

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314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**

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
A3C0712-10	Soil	EPA 8000D	03/15/23 15:45	03/20/23 17:58			NA
A3C0712-11	Soil	EPA 8000D	03/15/23 15:50	03/20/23 17:58			NA
A3C0712-12	Soil	EPA 8000D	03/15/23 15:55	03/20/23 17:58			NA
A3C0712-13	Soil	EPA 8000D	03/17/23 13:45	03/20/23 17:58			NA

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314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**

QUALIFIER DEFINITIONS

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

Apex Laboratories

AMEND	The Result, Reporting Level, Recovery and/or RPD has changed. Note: Batch QC marked as AMENDED may or may not have been issued prior to the change. Case Narrative included if client data is affected.
F-09	Results in the Gasoline Range are impacted by the overlap of a heavier fuel hydrocarbon product.
F-11	The hydrocarbon pattern indicates possible weathered diesel, mineral oil, or a contribution from a related component.
F-12	The result for this hydrocarbon range is primarily due to the presence of individual analyte peaks in the quantitation range. No fuel pattern detected.
F-13	The chromatographic pattern does not resemble the fuel standard used for quantitation
Q-04	Spike recovery and/or RPD is outside control limits due to a non-homogeneous sample matrix.
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.)
R-06	Reporting level raised due to possible carryover from a previous sample.
S-06	Surrogate recovery is outside of established control limits.

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ANALYTICAL REPORT

AMENDED REPORT

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314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**

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) are not 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.

Apex Laboratories

Cameron O'Brien, Project Manager

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

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**

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

Cameron O'Brien, Project Manager

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**

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.

Apex Laboratories

Cameron O'Brien, Project Manager

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ANALYTICAL REPORT

AMENDED REPORT

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314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**

APEX LABS

6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323

CHAIN OF COUSTODY

Lab # A3C0712 COC 1 of 2

Company: HYDROCON | Project Mgr: MICHAEL WHITSON | Project Name: ES&S MAIN ST DECOMM. | Project #: 10044-004

Address: 314 W 15TH ST STE 300 VANCOUVER, WA | Phone: | Email: MICHAELW DAVIDB @HYDROCONLLC.NET | PO #

Sampled by: MICHAEL WHITSON

Site Location:
State OR
County KLAMATH

ANALYSIS REQUEST

SAMPLE ID	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pesticides	RCRA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS. TCLP	TCLP Metals (8)	Hold Sample	Frozen Archive
TPW-SW-8.0	03/13	1320	S	2	X																
TPW-SE-8.0	↓	1330	S	2	X																
TPW-W-8.0	↓	1340	S	2	X																
TPW-NW-8.0	↓	1345	S	2	X																
TPW-NE-8.0	↓	1350	S	2	X																
TPW-E-8.0	↓	1355	S	2	X																
DS01-3.0	03/15	1530	S	2	X																
DS02-3.0	↓	1535	S	2	X																
DS03-3.0	↓	1540	S	2	X																
PP01-2.0	↓	1545	S	2	X																

Standard Turn Around Time (TAT) = 10 Business Days

TAT Requested (circle): 1 Day 2 Day 3 Day 5 Day Standard Other: HCE

SPECIAL INSTRUCTIONS:
* FOLLOW-UPS LIKELY, HOLD AFTER HCID

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Signature: [signature] Date: 03/20/23	Signature: [signature] Date: 3/20/23	Signature: Date:	Signature: Date:
Printed Name: MICHAEL WHITSON Time: 1250	Printed Name: Eli Dane Time: 1250	Printed Name: Time:	Printed Name: Time:
Company: HCE	Company: APEX LABS	Company:	Company:

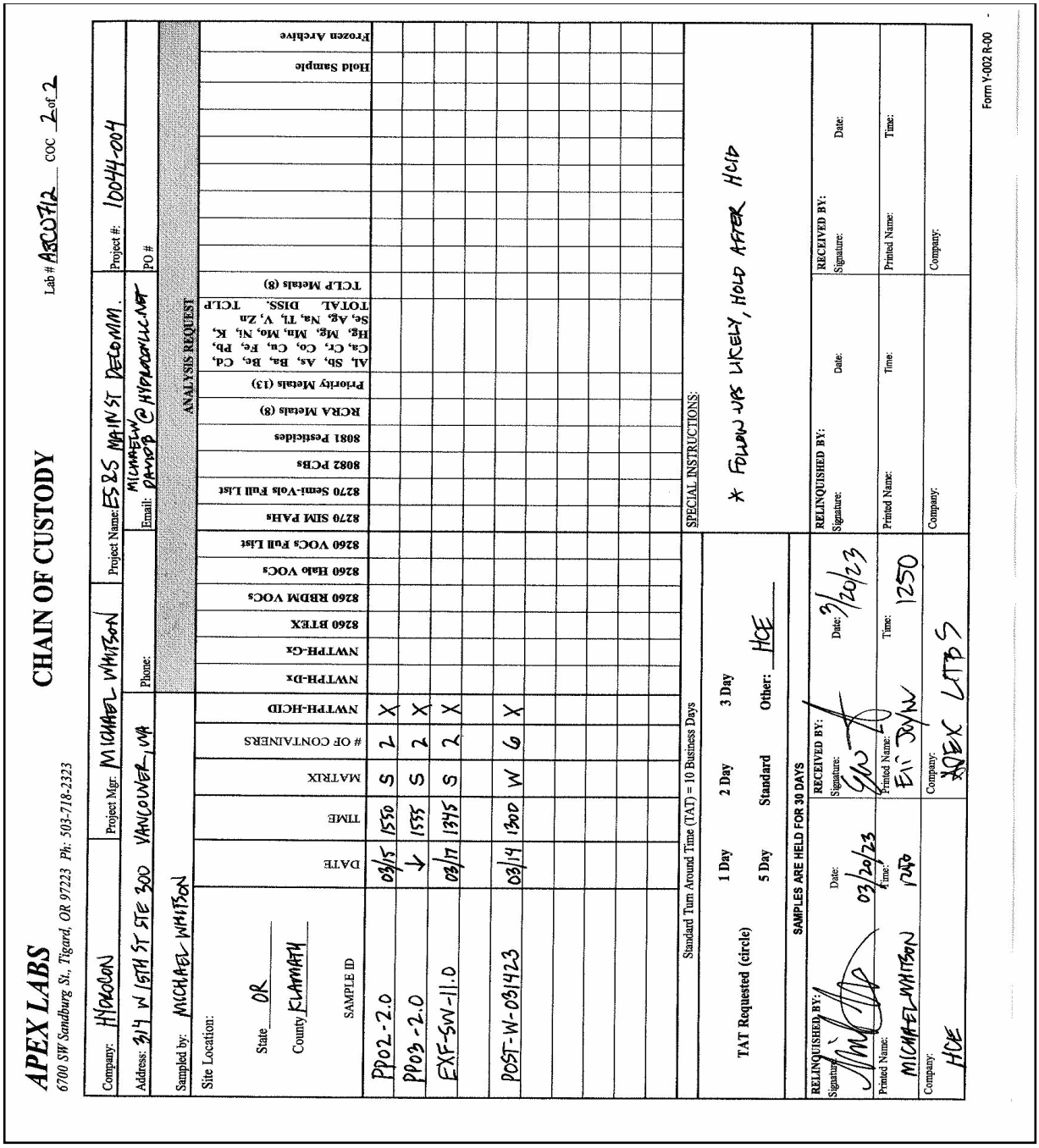
Form Y-002 R-00

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

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**



APEX LABS
6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323

CHAIN OF CUSTODY

Lab # A3C0712 COC 2 of 2

Company: HYDROCON | Project Mgr: MICHAEL WHITSON | Project Name: ES&S MAIN ST DECOMM. | Project #: 10044-004
Address: 314 W 15TH ST STE 300 VANCOUVER, WA | Phone: | Email: MICHAELW@HYDROCON.NET | PO #
Sampled by: MICHAEL WHITSON

Site Location: State OR County KLAMATH

SAMPLE ID	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pesticides	RCRA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS. TCLP	TCLP Metals (8)	Hold Sample	Frozen Archive
PP02-2.0	03/15	1550	S	2	X																
PP03-2.0	↓	1555	S	2	X																
EXF-SW-11.0	03/17	1345	S	2	X																
POST-W-031423	03/14	1300	W	6	X																

Standard Turn Around Time (TAT) = 10 Business Days

TAT Requested (circle): 1 Day 2 Day 3 Day 5 Day Standard Other: HOE

SPECIAL INSTRUCTIONS: * FOUND VIA LIKELY, HOLD AFTER HCID

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Signature:	Signature:	Signature:	Signature:
Date: 03/20/23	Date: 3/20/23	Date:	Date:
Time: 1720	Time: 1250	Time:	Time:
Printed Name: MICHAEL WHITSON	Printed Name: Eli Joyce	Printed Name:	Printed Name:
Company: HOE	Company: APEX LABS	Company:	Company:

Form Y-002 R-00

Apex Laboratories

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Cameron O'Brien, Project Manager

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

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Michael Whitson**	**A3C0712 - 04 04 23 1555**

APEX LABS COOLER RECEIPT FORM

Client: Hydrocon Element WO#: A3C0712

Project/Project #: ES+S Main St. Decomm 10044-004

Delivery Info:
Date/time received: 3/20/23 @ 1250 By: EST

Delivered by: Apex__Client X ESS__FedEx__UPS__Radio__Morgan__SDS__Evergreen__Other__

Cooler Inspection Date/time inspected: 3/20/23 @ 1250 By: EST

Chain of Custody included? Yes X No ____

Signed/dated by client? Yes X No ____

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	1.4						
Custody seals? (Y/N)	N						
Received on ice? (Y/N)	Y						
Temp. blanks? (Y/N)	Y						
Ice type: (Gel/Real/Other)	Real						
Condition (In/Out):	In						

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

Green dots applied to out of temperature samples? Yes/No

Out of temperature samples form initiated? Yes/No

Sample Inspection: Date/time inspected: 3/20/23 @ 14:00 By: KAM

All samples intact? Yes X No ___ Comments: ____

Bottle labels/COCs agree? Yes X No ___ Comments: ____

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 ____

Water samples: pH checked: Yes X No ___ NA ___ pH appropriate? Yes X No ___ NA ___

Comments: ____

Additional information: ____

Labeled by: KAM Witness: RMP Cooler Inspected by: KAM

Form Y-003 R-00

Apex Laboratories

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Cameron O'Brien, Project Manager

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

ANALYTICAL REPORT

AMENDED REPORT

Tuesday, April 11, 2023

Dave Borys
HydroCon LLC
314 W 15th Street Suite 300
Vancouver, WA 98660

RE: A3C0933 - ES&S Main St. Decomm. - 10044-004

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 A3C0933, which was received by the laboratory on 3/25/2023 at 9:22:00AM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: cobrien@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)

Default Cooler	2.0 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

Cameron O'Brien, Project Manager

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

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Dave Borys**	**A3C0933 - 04 11 23 1631**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EXF-SW-16.5	A3C0933-01	Soil	03/22/23 16:15	03/25/23 09:22
EXSW-N-7.5	A3C0933-02	Soil	03/23/23 14:00	03/25/23 09:22
EXF-SW-12.0	A3C0933-03	Soil	03/23/23 14:15	03/25/23 09:22
EXSW-W-8.0	A3C0933-04	Soil	03/23/23 14:25	03/25/23 09:22
EXF-NE-10.0	A3C0933-05	Soil	03/23/23 14:35	03/25/23 09:22
EXF-NW-8.0	A3C0933-06	Soil	03/23/23 14:55	03/25/23 09:22
EXSW-NW-4.5	A3C0933-07	Soil	03/23/23 15:05	03/25/23 09:22
EXSW-NE-8.0	A3C0933-08	Soil	03/23/23 15:15	03/25/23 09:22
EXSW-E-8.0	A3C0933-09	Soil	03/23/23 15:30	03/25/23 09:22
EXF-SSE-13.5	A3C0933-10	Soil	03/24/23 10:00	03/25/23 09:22
EXF-SSW-11.0	A3C0933-11	Soil	03/24/23 14:05	03/25/23 09:22
EXF-S-13.5	A3C0933-12	Soil	03/24/23 14:15	03/25/23 09:22
EXSW-S-8.0	A3C0933-13	Soil	03/24/23 14:25	03/25/23 09:22
EXSW-WSW-8.0	A3C0933-14	Soil	03/24/23 14:30	03/25/23 09:22
EXSW-SSW-8.0	A3C0933-15	Soil	03/24/23 14:45	03/25/23 09:22

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Cameron O'Brien, Project Manager

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Dave Borys**	**A3C0933 - 04 11 23 1631**

ANALYTICAL CASE NARRATIVE

Work Order: A3C0933

Amended Report Revision 1

This report supersedes all previous reports.

The Final Report has been amended to include PCB, RBDM VOC, and RCRA 8 Metals results for sample EXSW-WSW-8.0 (Apex Lab WO A3C0933-14).

Cameron O'Brien
Project Manager
3/31/23

Apex Laboratories, LLC
6700 S.W. Sandburg Street
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ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Dave Borys**	**A3C0933 - 04 11 23 1631**

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
EXF-SW-16.5 (A3C0933-01)				**Matrix: Soil**		**Batch: 23C1005**		
Gasoline Range Organics	ND	---	49.6	mg/kg dry	1	03/27/23 19:25	NWTPH-HCID	
Diesel Range Organics	ND	---	124	mg/kg dry	1	03/27/23 19:25	NWTPH-HCID	
Oil Range Organics	ND	---	248	mg/kg dry	1	03/27/23 19:25	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*93 %*	*Limits: 50-150 %*	*1*	*03/27/23 19:25*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*95 %*	*50-150 %*	*1*	*03/27/23 19:25*	*NWTPH-HCID*	
EXSW-N-7.5 (A3C0933-02)				**Matrix: Soil**		**Batch: 23C1005**		
Gasoline Range Organics	ND	---	27.2	mg/kg dry	1	03/27/23 19:49	NWTPH-HCID	
Diesel Range Organics	ND	---	68.1	mg/kg dry	1	03/27/23 19:49	NWTPH-HCID	
Oil Range Organics	ND	---	136	mg/kg dry	1	03/27/23 19:49	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*112 %*	*Limits: 50-150 %*	*1*	*03/27/23 19:49*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*110 %*	*50-150 %*	*1*	*03/27/23 19:49*	*NWTPH-HCID*	
EXF-SW-12.0 (A3C0933-03)				**Matrix: Soil**		**Batch: 23C1005**		
Gasoline Range Organics	ND	---	44.9	mg/kg dry	1	03/27/23 20:12	NWTPH-HCID	
Diesel Range Organics	ND	---	112	mg/kg dry	1	03/27/23 20:12	NWTPH-HCID	
Oil Range Organics	ND	---	224	mg/kg dry	1	03/27/23 20:12	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*109 %*	*Limits: 50-150 %*	*1*	*03/27/23 20:12*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*109 %*	*50-150 %*	*1*	*03/27/23 20:12*	*NWTPH-HCID*	
EXSW-W-8.0 (A3C0933-04)				**Matrix: Soil**		**Batch: 23C1005**		
Gasoline Range Organics	ND	---	58.7	mg/kg dry	1	03/27/23 20:36	NWTPH-HCID	
Diesel Range Organics	ND	---	147	mg/kg dry	1	03/27/23 20:36	NWTPH-HCID	
Oil Range Organics	ND	---	294	mg/kg dry	1	03/27/23 20:36	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*77 %*	*Limits: 50-150 %*	*1*	*03/27/23 20:36*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*78 %*	*50-150 %*	*1*	*03/27/23 20:36*	*NWTPH-HCID*	
EXF-NE-10.0 (A3C0933-05)				**Matrix: Soil**		**Batch: 23C1005**		
Gasoline Range Organics	ND	---	30.9	mg/kg dry	1	03/27/23 20:59	NWTPH-HCID	
Diesel Range Organics	ND	---	77.3	mg/kg dry	1	03/27/23 20:59	NWTPH-HCID	
Oil Range Organics	ND	---	155	mg/kg dry	1	03/27/23 20:59	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*119 %*	*Limits: 50-150 %*	*1*	*03/27/23 20:59*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*110 %*	*50-150 %*	*1*	*03/27/23 20:59*	*NWTPH-HCID*	
EXF-NW-8.0 (A3C0933-06)				**Matrix: Soil**		**Batch: 23C1005**		
Gasoline Range Organics	ND	---	26.0	mg/kg dry	1	03/28/23 01:18	NWTPH-HCID	
Diesel Range Organics	ND	---	64.9	mg/kg dry	1	03/28/23 01:18	NWTPH-HCID	

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Cameron O'Brien, Project Manager

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

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Dave Borys**	**A3C0933 - 04 11 23 1631**

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
EXF-NW-8.0 (A3C0933-06)				**Matrix: Soil**		**Batch: 23C1005**		
Oil Range Organics	ND	---	130	mg/kg dry	1	03/28/23 01:18	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*111 %*	*Limits: 50-150 %*	*1*	*03/28/23 01:18*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*105 %*	*50-150 %*	*1*	*03/28/23 01:18*	*NWTPH-HCID*	
EXSW-NW-4.5 (A3C0933-07)				**Matrix: Soil**		**Batch: 23C1005**		
Gasoline Range Organics	ND	---	36.8	mg/kg dry	1	03/27/23 21:23	NWTPH-HCID	
Diesel Range Organics	ND	---	91.9	mg/kg dry	1	03/27/23 21:23	NWTPH-HCID	
Oil Range Organics	ND	---	184	mg/kg dry	1	03/27/23 21:23	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*104 %*	*Limits: 50-150 %*	*1*	*03/27/23 21:23*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*94 %*	*50-150 %*	*1*	*03/27/23 21:23*	*NWTPH-HCID*	
EXSW-NE-8.0 (A3C0933-08RE1)				**Matrix: Soil**		**Batch: 23C1109**		
Gasoline Range Organics	ND	---	27.2	mg/kg dry	1	03/28/23 21:51	NWTPH-HCID	
Diesel Range Organics	ND	---	68.0	mg/kg dry	1	03/28/23 21:51	NWTPH-HCID	
Oil Range Organics	ND	---	136	mg/kg dry	1	03/28/23 21:51	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*87 %*	*Limits: 50-150 %*	*1*	*03/28/23 21:51*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*82 %*	*50-150 %*	*1*	*03/28/23 21:51*	*NWTPH-HCID*	
EXSW-E-8.0 (A3C0933-09)				**Matrix: Soil**		**Batch: 23C1005**		
Gasoline Range Organics	**DET**	---	27.7	mg/kg dry	1	03/27/23 22:10	NWTPH-HCID	
Diesel Range Organics	ND	---	69.4	mg/kg dry	1	03/27/23 22:10	NWTPH-HCID	
Oil Range Organics	ND	---	139	mg/kg dry	1	03/27/23 22:10	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*108 %*	*Limits: 50-150 %*	*1*	*03/27/23 22:10*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*100 %*	*50-150 %*	*1*	*03/27/23 22:10*	*NWTPH-HCID*	
EXF-SSE-13.5 (A3C0933-10)				**Matrix: Soil**		**Batch: 23C1005**		
Gasoline Range Organics	ND	---	28.4	mg/kg dry	1	03/27/23 22:34	NWTPH-HCID	
Diesel Range Organics	ND	---	70.9	mg/kg dry	1	03/27/23 22:34	NWTPH-HCID	
Oil Range Organics	ND	---	142	mg/kg dry	1	03/27/23 22:34	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*100 %*	*Limits: 50-150 %*	*1*	*03/27/23 22:34*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*90 %*	*50-150 %*	*1*	*03/27/23 22:34*	*NWTPH-HCID*	
EXF-SSW-11.0 (A3C0933-11)				**Matrix: Soil**		**Batch: 23C1005**		
Gasoline Range Organics	ND	---	50.9	mg/kg dry	1	03/27/23 22:57	NWTPH-HCID	
Diesel Range Organics	ND	---	127	mg/kg dry	1	03/27/23 22:57	NWTPH-HCID	
Oil Range Organics	ND	---	255	mg/kg dry	1	03/27/23 22:57	NWTPH-HCID	

Apex Laboratories

Cameron O'Brien, Project Manager

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

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Dave Borys**	**A3C0933 - 04 11 23 1631**

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
EXF-SSW-11.0 (A3C0933-11)				**Matrix: Soil**		**Batch: 23C1005**		
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*87 %*	*Limits: 50-150 %*	*1*	*03/27/23 22:57*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*76 %*	*50-150 %*	*1*	*03/27/23 22:57*	*NWTPH-HCID*	
EXF-S-13.5 (A3C0933-12)				**Matrix: Soil**		**Batch: 23C1005**		
Gasoline Range Organics	ND	---	40.9	mg/kg dry	1	03/27/23 23:21	NWTPH-HCID	
Diesel Range Organics	ND	---	102	mg/kg dry	1	03/27/23 23:21	NWTPH-HCID	
Oil Range Organics	ND	---	204	mg/kg dry	1	03/27/23 23:21	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*94 %*	*Limits: 50-150 %*	*1*	*03/27/23 23:21*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*90 %*	*50-150 %*	*1*	*03/27/23 23:21*	*NWTPH-HCID*	
EXSW-S-8.0 (A3C0933-13)				**Matrix: Soil**		**Batch: 23C1005**		
Gasoline Range Organics	ND	---	37.8	mg/kg dry	1	03/27/23 23:45	NWTPH-HCID	
Diesel Range Organics	ND	---	94.5	mg/kg dry	1	03/27/23 23:45	NWTPH-HCID	
Oil Range Organics	**DET**	---	189	mg/kg dry	1	03/27/23 23:45	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*89 %*	*Limits: 50-150 %*	*1*	*03/27/23 23:45*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*76 %*	*50-150 %*	*1*	*03/27/23 23:45*	*NWTPH-HCID*	
EXSW-WSW-8.0 (A3C0933-14)				**Matrix: Soil**		**Batch: 23C1005**		
Gasoline Range Organics	**DET**	---	52.1	mg/kg dry	1	03/28/23 00:08	NWTPH-HCID	
Diesel Range Organics	**DET**	---	130	mg/kg dry	1	03/28/23 00:08	NWTPH-HCID	F-13
Oil Range Organics	**DET**	---	261	mg/kg dry	1	03/28/23 00:08	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*105 %*	*Limits: 50-150 %*	*1*	*03/28/23 00:08*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*107 %*	*50-150 %*	*1*	*03/28/23 00:08*	*NWTPH-HCID*	
EXSW-SSW-8.0 (A3C0933-15)				**Matrix: Soil**		**Batch: 23C1005**		
Gasoline Range Organics	ND	---	51.7	mg/kg dry	1	03/28/23 00:31	NWTPH-HCID	
Diesel Range Organics	ND	---	129	mg/kg dry	1	03/28/23 00:31	NWTPH-HCID	
Oil Range Organics	**DET**	---	259	mg/kg dry	1	03/28/23 00:31	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*98 %*	*Limits: 50-150 %*	*1*	*03/28/23 00:31*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*96 %*	*50-150 %*	*1*	*03/28/23 00:31*	*NWTPH-HCID*	

Apex Laboratories

Cameron O'Brien, Project Manager

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Dave Borys**	**A3C0933 - 04 11 23 1631**

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
EXSW-S-8.0 (A3C0933-13)				**Matrix: Soil**		**Batch: 23C1088**		
Diesel	ND	---	38.1	mg/kg dry	1	03/29/23 07:15	NWTPH-Dx	
Oil	ND	---	76.2	mg/kg dry	1	03/29/23 07:15	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 60 %*		*Limits: 50-150 %*	*1*	*03/29/23 07:15*	*NWTPH-Dx*	
EXSW-WSW-8.0 (A3C0933-14)				**Matrix: Soil**		**Batch: 23C1088**		
Diesel	ND	---	53.0	mg/kg dry	1	03/29/23 07:38	NWTPH-Dx	
Oil	**590**	---	106	mg/kg dry	1	03/29/23 07:38	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 59 %*		*Limits: 50-150 %*	*1*	*03/29/23 07:38*	*NWTPH-Dx*	
EXSW-SSW-8.0 (A3C0933-15)				**Matrix: Soil**		**Batch: 23C1088**		
Diesel	ND	---	54.2	mg/kg dry	1	03/29/23 08:01	NWTPH-Dx	
Oil	**200**	---	108	mg/kg dry	1	03/29/23 08:01	NWTPH-Dx	
Surrogate: o-Terphenyl (Surr)		*Recovery: 61 %*		*Limits: 50-150 %*	*1*	*03/29/23 08:01*	*NWTPH-Dx*	

Apex Laboratories

Cameron O'Brien, Project Manager

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Dave Borys**	**A3C0933 - 04 11 23 1631**

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
EXSW-E-8.0 (A3C0933-09RE1)				**Matrix: Soil**		**Batch: 23C1203**		
Gasoline Range Organics	**1870**	---	34.6	mg/kg dry	200	03/30/23 20:27	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery:*	*116 %*	*Limits: 50-150 %*	*1*	*03/30/23 20:27*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*109 %*	*50-150 %*	*1*	*03/30/23 20:27*	*NWTPH-Gx (MS)*	
EXSW-WSW-8.0 (A3C0933-14)				**Matrix: Soil**		**Batch: 23C1148**		
Gasoline Range Organics	**53.6**	---	29.7	mg/kg dry	50	03/29/23 13:18	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery:*	*111 %*	*Limits: 50-150 %*	*1*	*03/29/23 13:18*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*106 %*	*50-150 %*	*1*	*03/29/23 13:18*	*NWTPH-Gx (MS)*	

Apex Laboratories

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

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Dave Borys**	**A3C0933 - 04 11 23 1631**

ANALYTICAL SAMPLE RESULTS

BTEX+N Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
EXSW-E-8.0 (A3C0933-09RE1)				**Matrix: Soil**		**Batch: 23C1203**		
Benzene	**0.833**	---	0.0691	mg/kg dry	200	03/30/23 20:27	5035A/8260D	
Toluene	ND	---	0.346	mg/kg dry	200	03/30/23 20:27	5035A/8260D	
Ethylbenzene	**1.36**	---	0.173	mg/kg dry	200	03/30/23 20:27	5035A/8260D	
Xylenes, total	ND	---	0.519	mg/kg dry	200	03/30/23 20:27	5035A/8260D	
Naphthalene	ND	---	0.691	mg/kg dry	200	03/30/23 20:27	5035A/8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*113 %*	*Limits: 80-120 %*	*1*	*03/30/23 20:27*	*5035A/8260D*	
Toluene-d8 (Surr)			*95 %*	*80-120 %*	*1*	*03/30/23 20:27*	*5035A/8260D*	
4-Bromofluorobenzene (Surr)			*97 %*	*79-120 %*	*1*	*03/30/23 20:27*	*5035A/8260D*	

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC
314 W 15th Street Suite 300
Vancouver, WA 98660

Project: **ES&S Main St. Decomm.**
Project Number: **10044-004**
Project Manager: **Dave Borys**

Report ID:
A3C0933 - 04 11 23 1631

ANALYTICAL SAMPLE RESULTS

Selected Volatile Organic Compounds by EPA 5035A/8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
EXSW-WSW-8.0 (A3C0933-14)				**Matrix: Soil**		**Batch: 23C1148**		
Benzene	ND	---	0.0595	mg/kg dry	50	03/29/23 13:18	5035A/8260D	
Toluene	ND	---	0.297	mg/kg dry	50	03/29/23 13:18	5035A/8260D	
Ethylbenzene	ND	---	0.149	mg/kg dry	50	03/29/23 13:18	5035A/8260D	
Xylenes, total	ND	---	0.446	mg/kg dry	50	03/29/23 13:18	5035A/8260D	
Methyl tert-butyl ether (MTBE)	ND	---	0.297	mg/kg dry	50	03/29/23 13:18	5035A/8260D	
Naphthalene	ND	---	0.595	mg/kg dry	50	03/29/23 13:18	5035A/8260D	
1,2-Dibromoethane (EDB)	ND	---	0.297	mg/kg dry	50	03/29/23 13:18	5035A/8260D	
1,2-Dichloroethane (EDC)	ND	---	0.149	mg/kg dry	50	03/29/23 13:18	5035A/8260D	
Isopropylbenzene	ND	---	0.297	mg/kg dry	50	03/29/23 13:18	5035A/8260D	
1,2,4-Trimethylbenzene	ND	---	0.297	mg/kg dry	50	03/29/23 13:18	5035A/8260D	
1,3,5-Trimethylbenzene	ND	---	0.297	mg/kg dry	50	03/29/23 13:18	5035A/8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*111 %*	*Limits: 80-120 %*	*1*	*03/29/23 13:18*	*5035A/8260D*	
Toluene-d8 (Surr)			*95 %*	*80-120 %*	*1*	*03/29/23 13:18*	*5035A/8260D*	
4-Bromofluorobenzene (Surr)			*97 %*	*79-120 %*	*1*	*03/29/23 13:18*	*5035A/8260D*	

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC
314 W 15th Street Suite 300
Vancouver, WA 98660

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Project Number: **10044-004**
Project Manager: **Dave Borys**

Report ID:
A3C0933 - 04 11 23 1631

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
EXSW-WSW-8.0 (A3C0933-14)				**Matrix: Soil**		**Batch: 23D0200**		**C-07**
Aroclor 1016	ND	---	0.0268	mg/kg dry	1	04/07/23 08:52	EPA 8082A	
Aroclor 1221	ND	---	0.0268	mg/kg dry	1	04/07/23 08:52	EPA 8082A	
Aroclor 1232	ND	---	0.0268	mg/kg dry	1	04/07/23 08:52	EPA 8082A	
Aroclor 1242	ND	---	0.0268	mg/kg dry	1	04/07/23 08:52	EPA 8082A	
Aroclor 1248	ND	---	0.0268	mg/kg dry	1	04/07/23 08:52	EPA 8082A	
Aroclor 1254	ND	---	0.0268	mg/kg dry	1	04/07/23 08:52	EPA 8082A	
Aroclor 1260	ND	---	0.0268	mg/kg dry	1	04/07/23 08:52	EPA 8082A	
Surrogate: Decachlorobiphenyl (Surr)		*Recovery: 52 %*		*Limits: 60-125 %*	*1*	*04/07/23 08:52*	*EPA 8082A*	*S-03*

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ANALYTICAL REPORT

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HydroCon LLC
314 W 15th Street Suite 300
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ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
EXSW-WSW-8.0 (A3C0933-14)				**Matrix: Soil**				
Batch: 23D0008								
Arsenic	**3.06**	---	2.78	mg/kg dry	10	04/03/23 15:50	EPA 6020B	
Barium	**45.2**	---	2.78	mg/kg dry	10	04/03/23 15:50	EPA 6020B	
Cadmium	ND	---	0.557	mg/kg dry	10	04/03/23 15:50	EPA 6020B	
Chromium	**4.94**	---	2.78	mg/kg dry	10	04/03/23 15:50	EPA 6020B	
Lead	**4.20**	---	0.557	mg/kg dry	10	04/03/23 15:50	EPA 6020B	
Mercury	ND	---	0.223	mg/kg dry	10	04/03/23 15:50	EPA 6020B	
Selenium	ND	---	2.78	mg/kg dry	10	04/03/23 15:50	EPA 6020B	
Silver	ND	---	0.557	mg/kg dry	10	04/03/23 15:50	EPA 6020B	

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Dave Borys**	**A3C0933 - 04 11 23 1631**

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
EXF-SW-16.5 (A3C0933-01)				**Matrix: Soil**		**Batch: 23C1009**		
% Solids	**39.3**	---	1.00	%	1	03/27/23 04:50	EPA 8000D	
EXSW-N-7.5 (A3C0933-02)				**Matrix: Soil**		**Batch: 23C1009**		
% Solids	**67.9**	---	1.00	%	1	03/27/23 04:50	EPA 8000D	
EXF-SW-12.0 (A3C0933-03)				**Matrix: Soil**		**Batch: 23C1009**		
% Solids	**41.5**	---	1.00	%	1	03/27/23 04:50	EPA 8000D	
EXSW-W-8.0 (A3C0933-04)				**Matrix: Soil**		**Batch: 23C1009**		
% Solids	**33.4**	---	1.00	%	1	03/27/23 04:50	EPA 8000D	
EXF-NE-10.0 (A3C0933-05)				**Matrix: Soil**		**Batch: 23C1009**		
% Solids	**59.8**	---	1.00	%	1	03/27/23 04:50	EPA 8000D	
EXF-NW-8.0 (A3C0933-06)				**Matrix: Soil**		**Batch: 23C1009**		
% Solids	**71.9**	---	1.00	%	1	03/27/23 04:50	EPA 8000D	
EXSW-NW-4.5 (A3C0933-07)				**Matrix: Soil**		**Batch: 23C1009**		
% Solids	**52.5**	---	1.00	%	1	03/27/23 04:50	EPA 8000D	
EXSW-NE-8.0 (A3C0933-08)				**Matrix: Soil**		**Batch: 23C1009**		
% Solids	**68.7**	---	1.00	%	1	03/27/23 04:50	EPA 8000D	
EXSW-E-8.0 (A3C0933-09)				**Matrix: Soil**		**Batch: 23C1009**		
% Solids	**69.4**	---	1.00	%	1	03/27/23 04:50	EPA 8000D	
EXF-SSE-13.5 (A3C0933-10)				**Matrix: Soil**		**Batch: 23C1009**		
% Solids	**66.7**	---	1.00	%	1	03/27/23 04:50	EPA 8000D	
EXF-SSW-11.0 (A3C0933-11)				**Matrix: Soil**		**Batch: 23C1009**		
% Solids	**36.3**	---	1.00	%	1	03/27/23 04:50	EPA 8000D	
EXF-S-13.5 (A3C0933-12)				**Matrix: Soil**		**Batch: 23C1009**		
% Solids	**48.6**	---	1.00	%	1	03/27/23 04:50	EPA 8000D	
EXSW-S-8.0 (A3C0933-13)				**Matrix: Soil**		**Batch: 23C1009**		
% Solids	**51.2**	---	1.00	%	1	03/27/23 04:50	EPA 8000D	

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC
314 W 15th Street Suite 300
Vancouver, WA 98660

Project: **ES&S Main St. Decomm.**
Project Number: **10044-004**
Project Manager: **Dave Borys**

Report ID:
A3C0933 - 04 11 23 1631

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
EXSW-WSW-8.0 (A3C0933-14)				**Matrix: Soil**		**Batch: 23C1009**		
% Solids	**36.9**	---	1.00	%	1	03/27/23 04:50	EPA 8000D	
EXSW-SSW-8.0 (A3C0933-15)				**Matrix: Soil**		**Batch: 23C1009**		
% Solids	**36.3**	---	1.00	%	1	03/27/23 04:50	EPA 8000D	

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Dave Borys**	**A3C0933 - 04 11 23 1631**

QUALITY CONTROL (QC) SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 23C1005 - NWTPH-HCID (Soil)												**Soil**
Blank (23C1005-BLK1)		Prepared: 03/25/23 12:10 Analyzed: 03/27/23 18:14										
NWTPH-HCID												
Gasoline Range Organics	ND	---	20.0	mg/kg wet	1	---	---	---	---	---	---	
Diesel Range Organics	ND	---	50.0	mg/kg wet	1	---	---	---	---	---	---	
Oil Range Organics	ND	---	100	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)			*Recovery: 93 %*	*Limits: 50-150 %*			*Dilution: 1x*					
4-Bromofluorobenzene (Surr)			*91 %*	*50-150 %*			*"*					
Duplicate (23C1005-DUP2)		Prepared: 03/25/23 12:10 Analyzed: 03/28/23 00:55										
QC Source Sample: EXSW-SSW-8.0 (A3C0933-15)												
NWTPH-HCID												
Gasoline Range Organics	ND	---	51.7	mg/kg dry	1	---	ND	---	---	---	30%	
Diesel Range Organics	ND	---	129	mg/kg dry	1	---	ND	---	---	---	30%	
Oil Range Organics	ND	---	259	mg/kg dry	1	---	ND	---	---	---	**30%**	Q-05
Surr: o-Terphenyl (Surr)			*Recovery: 98 %*	*Limits: 50-150 %*			*Dilution: 1x*					
4-Bromofluorobenzene (Surr)			*97 %*	*50-150 %*			*"*					
Batch 23C1109 - NWTPH-HCID (Soil)												**Soil**
Blank (23C1109-BLK1)		Prepared: 03/28/23 13:03 Analyzed: 03/28/23 21:27										
NWTPH-HCID												
Gasoline Range Organics	ND	---	20.0	mg/kg wet	1	---	---	---	---	---	---	
Diesel Range Organics	ND	---	50.0	mg/kg wet	1	---	---	---	---	---	---	
Oil Range Organics	ND	---	100	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)			*Recovery: 93 %*	*Limits: 50-150 %*			*Dilution: 1x*					
4-Bromofluorobenzene (Surr)			*88 %*	*50-150 %*			*"*					

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Dave Borys**	**A3C0933 - 04 11 23 1631**

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 23C1088 - EPA 3546 (Fuels)							Soil					
Blank (23C1088-BLK1)		Prepared: 03/28/23 10:21		Analyzed: 03/28/23 21:04								
NWTPH-Dx												
Diesel	ND	---	20.0	mg/kg wet	1	---	---	---	---	---	---	
Oil	ND	---	40.0	mg/kg wet	1	---	---	---	---	---	---	
Mineral Oil	ND	---	40.0	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 95 %*		*Limits: 50-150 %*			*Dilution: 1x*					
LCS (23C1088-BS1)		Prepared: 03/28/23 10:21		Analyzed: 03/28/23 21:27								
NWTPH-Dx												
Diesel	113	---	20.0	mg/kg wet	1	125	---	90	38 - 132%	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 101 %*		*Limits: 50-150 %*			*Dilution: 1x*					

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
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Vancouver, WA 98660	Project Manager: **Dave Borys**	**A3C0933 - 04 11 23 1631**

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 23C1148 - EPA 5035A							**Soil**					
Blank (23C1148-BLK1)		Prepared: 03/29/23 08:21		Analyzed: 03/29/23 12:01								
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	5.00	mg/kg wet	50	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 101 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*102 %*		*50-150 %*			*"*					
LCS (23C1148-BS2)		Prepared: 03/29/23 08:21		Analyzed: 03/29/23 11:28								
NWTPH-Gx (MS)												
Gasoline Range Organics	24.4	---	5.00	mg/kg wet	50	25.0	---	98	80 - 120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 102 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*101 %*		*50-150 %*			*"*					
Duplicate (23C1148-DUP2)		Prepared: 03/24/23 14:30		Analyzed: 03/29/23 13:43								
QC Source Sample: EXSW-WSW-8.0 (A3C0933-14)												
NWTPH-Gx (MS)												
Gasoline Range Organics	**46.0**	---	29.7	mg/kg dry	50	---	53.6	---	---	15	30%	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 112 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*105 %*		*50-150 %*			*"*					

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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 23C1203 - EPA 5035A									Soil			
Blank (23C1203-BLK1)		Prepared: 03/30/23 09:07		Analyzed: 03/30/23 11:06								
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	5.00	mg/kg wet	50	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 100 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*105 %*		*50-150 %*			*"*					
LCS (23C1203-BS2)		Prepared: 03/30/23 09:07		Analyzed: 03/30/23 10:35								
NWTPH-Gx (MS)												
Gasoline Range Organics	23.3	---	5.00	mg/kg wet	50	25.0	---	93	80 - 120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 104 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*105 %*		*50-150 %*			*"*					

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Dave Borys**	**A3C0933 - 04 11 23 1631**

QUALITY CONTROL (QC) SAMPLE RESULTS

BTEX+N Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 23C1148 - EPA 5035A							**Soil**					
Blank (23C1148-BLK1)		Prepared: 03/29/23 08:21	Analyzed: 03/29/23 12:01									
5035A/8260D												
Benzene	ND	---	0.0100	mg/kg wet	50	---	---	---	---	---	---	
Toluene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
Xylenes, total	ND	---	0.0750	mg/kg wet	50	---	---	---	---	---	---	
Naphthalene	ND	---	0.100	mg/kg wet	50	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery: 110 %*	*Limits: 80-120 %*				*Dilution: 1x*					
Toluene-d8 (Surr)		*97 %*	*80-120 %*				*"*					
4-Bromofluorobenzene (Surr)		*97 %*	*79-120 %*				*"*					
LCS (23C1148-BS1)		Prepared: 03/29/23 08:21	Analyzed: 03/29/23 10:37									
5035A/8260D												
Benzene	1.09	---	0.0100	mg/kg wet	50	1.00	---	109	80 - 120%	---	---	
Toluene	0.968	---	0.0500	mg/kg wet	50	1.00	---	97	80 - 120%	---	---	
Ethylbenzene	0.962	---	0.0250	mg/kg wet	50	1.00	---	96	80 - 120%	---	---	
Xylenes, total	2.88	---	0.0750	mg/kg wet	50	3.00	---	96	80 - 120%	---	---	
Naphthalene	0.989	---	0.100	mg/kg wet	50	1.00	---	99	80 - 120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery: 109 %*	*Limits: 80-120 %*				*Dilution: 1x*					
Toluene-d8 (Surr)		*98 %*	*80-120 %*				*"*					
4-Bromofluorobenzene (Surr)		*96 %*	*79-120 %*				*"*					
Duplicate (23C1148-DUP2)		Prepared: 03/24/23 14:30	Analyzed: 03/29/23 13:43									
QC Source Sample: EXSW-WSW-8.0 (A3C0933-14)												
5035A/8260D												
Benzene	ND	---	0.0595	mg/kg dry	50	---	ND	---	---	---	30%	
Toluene	ND	---	0.297	mg/kg dry	50	---	ND	---	---	---	30%	
Ethylbenzene	ND	---	0.149	mg/kg dry	50	---	ND	---	---	---	30%	
Xylenes, total	ND	---	0.446	mg/kg dry	50	---	ND	---	---	---	30%	
Naphthalene	ND	---	0.595	mg/kg dry	50	---	ND	---	---	---	30%	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery: 109 %*	*Limits: 80-120 %*				*Dilution: 1x*					
Toluene-d8 (Surr)		*94 %*	*80-120 %*				*"*					
4-Bromofluorobenzene (Surr)		*97 %*	*79-120 %*				*"*					

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Cameron O'Brien, Project Manager

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

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Dave Borys**	**A3C0933 - 04 11 23 1631**

QUALITY CONTROL (QC) SAMPLE RESULTS

BTEX+N Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 23C1203 - EPA 5035A							**Soil**					
Blank (23C1203-BLK1)		Prepared: 03/30/23 09:07 Analyzed: 03/30/23 11:06										
5035A/8260D												
Benzene	ND	---	0.0100	mg/kg wet	50	---	---	---	---	---	---	
Toluene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
Xylenes, total	ND	---	0.0750	mg/kg wet	50	---	---	---	---	---	---	
Naphthalene	ND	---	0.100	mg/kg wet	50	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery: 111 %*		*Limits: 80-120 %*			*Dilution: 1x*					
Toluene-d8 (Surr)			*97 %*		*80-120 %*		*"*					
4-Bromofluorobenzene (Surr)			*97 %*		*79-120 %*		*"*					
LCS (23C1203-BS1)		Prepared: 03/30/23 09:07 Analyzed: 03/30/23 10:10										
5035A/8260D												
Benzene	1.10	---	0.0100	mg/kg wet	50	1.00	---	110	80 - 120%	---	---	
Toluene	0.952	---	0.0500	mg/kg wet	50	1.00	---	95	80 - 120%	---	---	
Ethylbenzene	0.941	---	0.0250	mg/kg wet	50	1.00	---	94	80 - 120%	---	---	
Xylenes, total	2.78	---	0.0750	mg/kg wet	50	3.00	---	93	80 - 120%	---	---	
Naphthalene	0.796	---	0.100	mg/kg wet	50	1.00	---	80	80 - 120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery: 108 %*		*Limits: 80-120 %*			*Dilution: 1x*					
Toluene-d8 (Surr)			*98 %*		*80-120 %*		*"*					
4-Bromofluorobenzene (Surr)			*95 %*		*79-120 %*		*"*					

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Cameron O'Brien, Project Manager

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ORELAP ID: **OR100062**

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Dave Borys**	**A3C0933 - 04 11 23 1631**

QUALITY CONTROL (QC) SAMPLE RESULTS

Selected Volatile Organic Compounds by EPA 5035A/8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 23C1148 - EPA 5035A							**Soil**					
Blank (23C1148-BLK1)		Prepared: 03/29/23 08:21	Analyzed: 03/29/23 12:01									
5035A/8260D												
Benzene	ND	---	0.0100	mg/kg wet	50	---	---	---	---	---	---	
Toluene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
Xylenes, total	ND	---	0.0750	mg/kg wet	50	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
Naphthalene	ND	---	0.100	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
Isopropylbenzene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*110 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*97 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*97 %*		*79-120 %*			*"*				
LCS (23C1148-BS1)		Prepared: 03/29/23 08:21	Analyzed: 03/29/23 10:37									
5035A/8260D												
Benzene	1.09	---	0.0100	mg/kg wet	50	1.00	---	109	80 - 120%	---	---	
Toluene	0.968	---	0.0500	mg/kg wet	50	1.00	---	97	80 - 120%	---	---	
Ethylbenzene	0.962	---	0.0250	mg/kg wet	50	1.00	---	96	80 - 120%	---	---	
Xylenes, total	2.88	---	0.0750	mg/kg wet	50	3.00	---	96	80 - 120%	---	---	
Methyl tert-butyl ether (MTBE)	0.974	---	0.0500	mg/kg wet	50	1.00	---	97	80 - 120%	---	---	
Naphthalene	0.989	---	0.100	mg/kg wet	50	1.00	---	99	80 - 120%	---	---	
1,2-Dibromoethane (EDB)	1.01	---	0.0500	mg/kg wet	50	1.00	---	101	80 - 120%	---	---	
1,2-Dichloroethane (EDC)	1.08	---	0.0250	mg/kg wet	50	1.00	---	108	80 - 120%	---	---	
Isopropylbenzene	0.936	---	0.0500	mg/kg wet	50	1.00	---	94	80 - 120%	---	---	
1,2,4-Trimethylbenzene	0.926	---	0.0500	mg/kg wet	50	1.00	---	93	80 - 120%	---	---	
1,3,5-Trimethylbenzene	0.951	---	0.0500	mg/kg wet	50	1.00	---	95	80 - 120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*109 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*98 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*96 %*		*79-120 %*			*"*				
Duplicate (23C1148-DUP2)		Prepared: 03/24/23 14:30	Analyzed: 03/29/23 13:43									

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Cameron O'Brien, Project Manager

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Dave Borys**	**A3C0933 - 04 11 23 1631**

QUALITY CONTROL (QC) SAMPLE RESULTS

Selected Volatile Organic Compounds by EPA 5035A/8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 23C1148 - EPA 5035A							**Soil**					
Duplicate (23C1148-DUP2)		Prepared: 03/24/23 14:30 Analyzed: 03/29/23 13:43										
QC Source Sample: EXSW-WSW-8.0 (A3C0933-14)												
5035A/8260D												
Benzene	ND	---	0.0595	mg/kg dry	50	---	ND	---	---	---	30%	
Toluene	ND	---	0.297	mg/kg dry	50	---	ND	---	---	---	30%	
Ethylbenzene	ND	---	0.149	mg/kg dry	50	---	ND	---	---	---	30%	
Xylenes, total	ND	---	0.446	mg/kg dry	50	---	ND	---	---	---	30%	
Methyl tert-butyl ether (MTBE)	ND	---	0.297	mg/kg dry	50	---	ND	---	---	---	30%	
Naphthalene	ND	---	0.595	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dibromoethane (EDB)	ND	---	0.297	mg/kg dry	50	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	---	0.149	mg/kg dry	50	---	ND	---	---	---	30%	
Isopropylbenzene	ND	---	0.297	mg/kg dry	50	---	ND	---	---	---	30%	
1,2,4-Trimethylbenzene	ND	---	0.297	mg/kg dry	50	---	ND	---	---	---	30%	
1,3,5-Trimethylbenzene	ND	---	0.297	mg/kg dry	50	---	ND	---	---	---	30%	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*109 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*94 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*97 %*		*79-120 %*			*"*				

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Cameron O'Brien, Project Manager

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314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Dave Borys**	**A3C0933 - 04 11 23 1631**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 23D0200 - EPA 3546							**Soil**					
Blank (23D0200-BLK1)		Prepared: 04/06/23 09:47		Analyzed: 04/07/23 08:16								**C-07**
EPA 8082A												
Aroclor 1016	ND	---	0.00400	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1221	ND	---	0.00400	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1232	ND	---	0.00400	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1242	ND	---	0.00400	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1248	ND	---	0.00400	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1254	ND	---	0.00400	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1260	ND	---	0.00400	mg/kg wet	1	---	---	---	---	---	---	
Surr: Decachlorobiphenyl (Surr)		*Recovery: 93 %*		*Limits: 60-125 %*			*Dilution: 1x*					
LCS (23D0200-BS1)		Prepared: 04/06/23 09:47		Analyzed: 04/07/23 08:34								**C-07**
EPA 8082A												
Aroclor 1016	0.163	---	0.00400	mg/kg wet	1	0.250	---	65	47 - 134%	---	---	
Aroclor 1260	0.197	---	0.00400	mg/kg wet	1	0.250	---	79	53 - 140%	---	---	
Surr: Decachlorobiphenyl (Surr)		*Recovery: 93 %*		*Limits: 60-125 %*			*Dilution: 1x*					

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314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Dave Borys**	**A3C0933 - 04 11 23 1631**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 23D0344 - EPA 3546							**Soil**					
Blank (23D0344-BLK1)		Prepared: 04/10/23 13:40		Analyzed: 04/11/23 08:14								**C-07**
EPA 8082A												
Aroclor 1016	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1221	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1232	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1242	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1248	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1254	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1260	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	
Surr: Decachlorobiphenyl (Surr)		*Recovery: 96 %*		*Limits: 60-125 %*			*Dilution: 1x*					
LCS (23D0344-BS1)		Prepared: 04/10/23 13:40		Analyzed: 04/11/23 08:32								**C-07**
EPA 8082A												
Aroclor 1016	0.174	---	0.0100	mg/kg wet	1	0.250	---	70	47 - 134%	---	---	
Aroclor 1260	0.209	---	0.0100	mg/kg wet	1	0.250	---	84	53 - 140%	---	---	
Surr: Decachlorobiphenyl (Surr)		*Recovery: 100 %*		*Limits: 60-125 %*			*Dilution: 1x*					

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Vancouver, WA 98660	Project Manager: **Dave Borys**	**A3C0933 - 04 11 23 1631**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 23D0008 - EPA 3051A							**Soil**					
Blank (23D0008-BLK1)		Prepared: 04/03/23 06:54		Analyzed: 04/03/23 13:30								
EPA 6020B												
Arsenic	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	
Barium	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	
Cadmium	ND	---	0.200	mg/kg wet	10	---	---	---	---	---	---	
Chromium	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	
Lead	ND	---	0.200	mg/kg wet	10	---	---	---	---	---	---	
Mercury	ND	---	0.0800	mg/kg wet	10	---	---	---	---	---	---	
Selenium	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	
Silver	ND	---	0.200	mg/kg wet	10	---	---	---	---	---	---	
LCS (23D0008-BS1)		Prepared: 04/03/23 06:54		Analyzed: 04/03/23 13:35								
EPA 6020B												
Arsenic	49.6	---	1.00	mg/kg wet	10	50.0	---	99	80 - 120%	---	---	
Barium	50.0	---	1.00	mg/kg wet	10	50.0	---	100	80 - 120%	---	---	
Cadmium	49.7	---	0.200	mg/kg wet	10	50.0	---	99	80 - 120%	---	---	
Chromium	49.3	---	1.00	mg/kg wet	10	50.0	---	99	80 - 120%	---	---	
Lead	51.0	---	0.200	mg/kg wet	10	50.0	---	102	80 - 120%	---	---	
Mercury	0.970	---	0.0800	mg/kg wet	10	1.00	---	97	80 - 120%	---	---	
Selenium	24.4	---	1.00	mg/kg wet	10	25.0	---	97	80 - 120%	---	---	
Silver	24.4	---	0.200	mg/kg wet	10	25.0	---	98	80 - 120%	---	---	

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314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Dave Borys**	**A3C0933 - 04 11 23 1631**

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 23C1009 - Total Solids (Dry Weight)												**Soil**

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

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314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Dave Borys**	**A3C0933 - 04 11 23 1631**

SAMPLE PREPARATION INFORMATION

Hydrocarbon Identification Screen by NWTPH-HCID

Prep: NWTPH-HCID (Soil)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 23C1005							
A3C0933-01	Soil	NWTPH-HCID	03/22/23 16:15	03/25/23 12:10	10.25g/10mL	10g/10mL	0.98
A3C0933-02	Soil	NWTPH-HCID	03/23/23 14:00	03/25/23 12:10	10.82g/10mL	10g/10mL	0.92
A3C0933-03	Soil	NWTPH-HCID	03/23/23 14:15	03/25/23 12:10	10.75g/10mL	10g/10mL	0.93
A3C0933-04	Soil	NWTPH-HCID	03/23/23 14:25	03/25/23 12:10	10.18g/10mL	10g/10mL	0.98
A3C0933-05	Soil	NWTPH-HCID	03/23/23 14:35	03/25/23 12:10	10.82g/10mL	10g/10mL	0.92
A3C0933-06	Soil	NWTPH-HCID	03/23/23 14:55	03/25/23 12:10	10.72g/10mL	10g/10mL	0.93
A3C0933-07	Soil	NWTPH-HCID	03/23/23 15:05	03/25/23 12:10	10.37g/10mL	10g/10mL	0.96
A3C0933-09	Soil	NWTPH-HCID	03/23/23 15:30	03/25/23 12:10	10.38g/10mL	10g/10mL	0.96
A3C0933-10	Soil	NWTPH-HCID	03/24/23 10:00	03/25/23 12:10	10.56g/10mL	10g/10mL	0.95
A3C0933-11	Soil	NWTPH-HCID	03/24/23 14:05	03/25/23 12:10	10.83g/10mL	10g/10mL	0.92
A3C0933-12	Soil	NWTPH-HCID	03/24/23 14:15	03/25/23 12:10	10.06g/10mL	10g/10mL	0.99
A3C0933-13	Soil	NWTPH-HCID	03/24/23 14:25	03/25/23 12:10	10.34g/10mL	10g/10mL	0.97
A3C0933-14	Soil	NWTPH-HCID	03/24/23 14:30	03/25/23 12:10	10.4g/10mL	10g/10mL	0.96
A3C0933-15	Soil	NWTPH-HCID	03/24/23 14:45	03/25/23 12:10	10.64g/10mL	10g/10mL	0.94
Batch: 23C1109							
A3C0933-08RE1	Soil	NWTPH-HCID	03/23/23 15:15	03/28/23 13:03	10.71g/10mL	10g/10mL	0.93

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Prep: EPA 3546 (Fuels)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 23C1088							
A3C0933-13	Soil	NWTPH-Dx	03/24/23 14:25	03/28/23 17:20	10.26g/5mL	10g/5mL	0.98
A3C0933-14	Soil	NWTPH-Dx	03/24/23 14:30	03/28/23 17:20	10.22g/5mL	10g/5mL	0.98
A3C0933-15	Soil	NWTPH-Dx	03/24/23 14:45	03/28/23 17:20	10.15g/5mL	10g/5mL	0.99

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

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 23C1148							
A3C0933-14	Soil	NWTPH-Gx (MS)	03/24/23 14:30	03/24/23 14:30	3.2g/5mL	5g/5mL	1.56
Batch: 23C1203							
A3C0933-09RE1	Soil	NWTPH-Gx (MS)	03/23/23 15:30	03/23/23 15:30	5.59g/5mL	5g/5mL	0.89

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Cameron O'Brien, Project Manager

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

ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Dave Borys**	**A3C0933 - 04 11 23 1631**

SAMPLE PREPARATION INFORMATION

BTEX+N Compounds by EPA 8260D

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 23C1203							
A3C0933-09RE1	Soil	5035A/8260D	03/23/23 15:30	03/23/23 15:30	5.59g/5mL	5g/5mL	0.89

Selected Volatile Organic Compounds by EPA 5035A/8260D

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 23C1148							
A3C0933-14	Soil	5035A/8260D	03/24/23 14:30	03/24/23 14:30	3.2g/5mL	5g/5mL	1.56

Polychlorinated Biphenyls by EPA 8082A

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 23D0200							
A3C0933-14	Soil	EPA 8082A	03/24/23 14:30	04/06/23 09:47	10.1g/5mL	10g/5mL	0.99

Total Metals by EPA 6020B (ICPMS)

Prep: EPA 3051A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 23D0008							
A3C0933-14	Soil	EPA 6020B	03/24/23 14:30	04/03/23 06:54	0.487g/50mL	0.5g/50mL	1.03

Percent Dry Weight

Prep: Total Solids (Dry Weight)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 23C1009							
A3C0933-01	Soil	EPA 8000D	03/22/23 16:15	03/25/23 15:52			NA
A3C0933-02	Soil	EPA 8000D	03/23/23 14:00	03/25/23 15:52			NA
A3C0933-03	Soil	EPA 8000D	03/23/23 14:15	03/25/23 15:52			NA
A3C0933-04	Soil	EPA 8000D	03/23/23 14:25	03/25/23 15:52			NA
A3C0933-05	Soil	EPA 8000D	03/23/23 14:35	03/25/23 15:52			NA
A3C0933-06	Soil	EPA 8000D	03/23/23 14:55	03/25/23 15:52			NA
A3C0933-07	Soil	EPA 8000D	03/23/23 15:05	03/25/23 15:52			NA
A3C0933-08	Soil	EPA 8000D	03/23/23 15:15	03/25/23 15:52			NA

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ANALYTICAL REPORT

AMENDED REPORT

HydroCon LLC	Project: **ES&S Main St. Decomm.**	
314 W 15th Street Suite 300	Project Number: **10044-004**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Dave Borys**	**A3C0933 - 04 11 23 1631**

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
A3C0933-09	Soil	EPA 8000D	03/23/23 15:30	03/25/23 15:52			NA
A3C0933-10	Soil	EPA 8000D	03/24/23 10:00	03/25/23 15:52			NA
A3C0933-11	Soil	EPA 8000D	03/24/23 14:05	03/25/23 15:52			NA
A3C0933-12	Soil	EPA 8000D	03/24/23 14:15	03/25/23 15:52			NA
A3C0933-13	Soil	EPA 8000D	03/24/23 14:25	03/25/23 15:52			NA
A3C0933-14	Soil	EPA 8000D	03/24/23 14:30	03/25/23 15:52			NA
A3C0933-15	Soil	EPA 8000D	03/24/23 14:45	03/25/23 15:52			NA

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Vancouver, WA 98660	Project Manager: **Dave Borys**	**A3C0933 - 04 11 23 1631**

QUALIFIER DEFINITIONS

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

Apex Laboratories

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.
F-13	The chromatographic pattern does not resemble the fuel standard used for quantitation
Q-05	Analyses are not controlled on RPD values from sample and duplicate concentrations that are below 5 times the reporting level.
S-03	Sample re-extract, or the analysis of an associated Batch QC sample, confirms surrogate failure due to sample matrix effect.

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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) are not 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.

Apex Laboratories

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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.

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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.

Apex Laboratories

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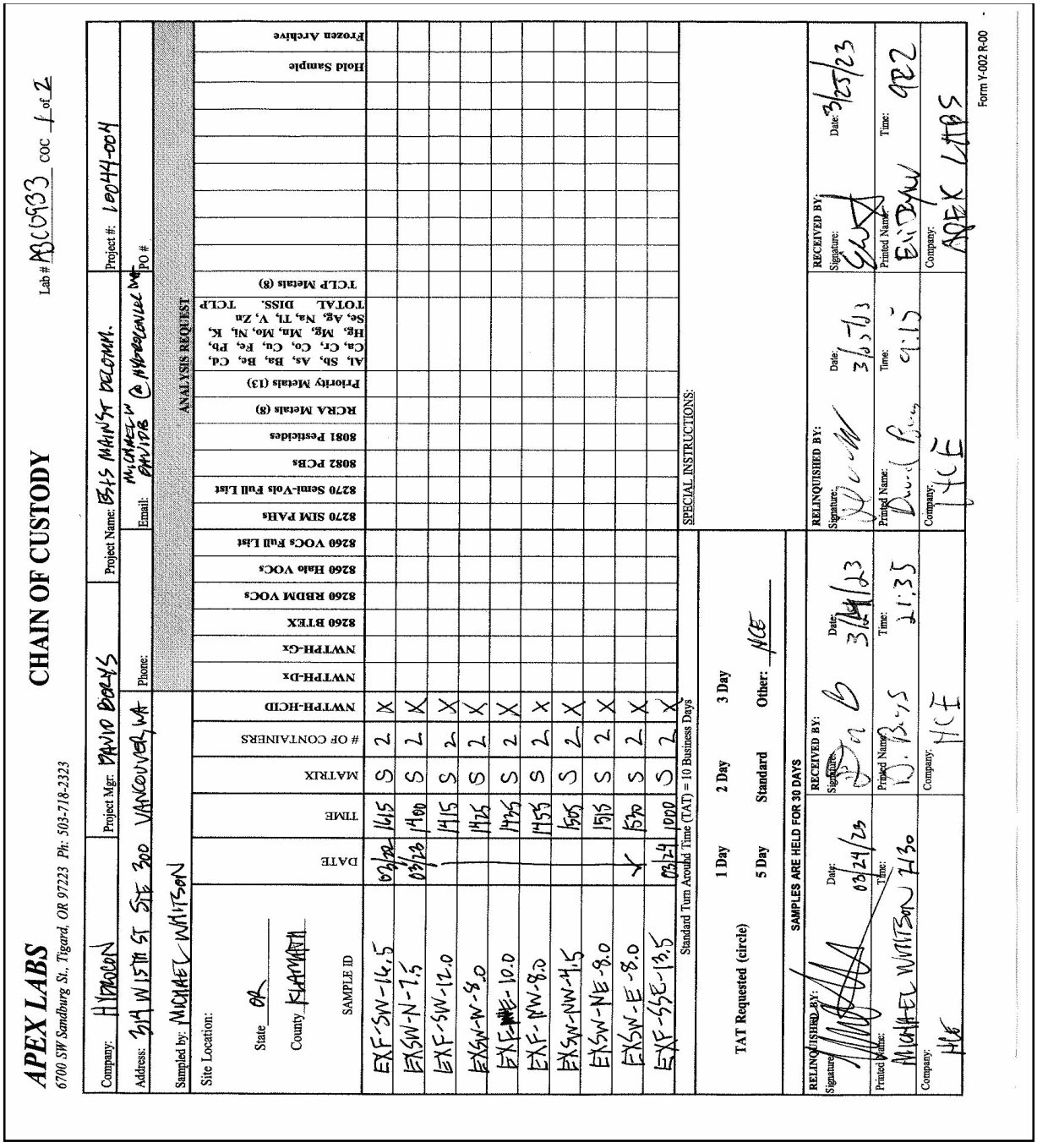

APEX LABS
6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323

CHAIN OF CUSTODY

Lab # A3C0933 COC 1 of 2

Company: HYDROCON | Project Mgr: DAVID BORYS | Project Name: ES&S MAIN ST DECOMM. | Project #: 10044-004
Address: 314 W 15TH ST STE 300 VANCOUVER, WA | Phone: | Email: MICHAEL.W@HYDROCONLLC.COM | PO #
Sampled by: MICHAEL WHITSON

Site Location:
State OR
County KLAMATH

SAMPLE ID	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pesticides	RCRA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS. TCLP	TCLP Metals (8)	Hold Sample	Frozen Archive
EXF-SW-14.5	03/23	1415	S	2	X																
EXSW-N-7.5	03/23	1400	S	2	X																
EXF-SW-12.0		1415	S	2	X																
EXSW-W-8.0		1425	S	2	X																
EXF-NW-10.0		1425	S	2	X																
EXF-NW-8.0		1435	S	2	X																
EXSW-NW-7.5		1505	S	2	X																
EXSW-NE-8.0		1515	S	2	X																
EXSW-E-8.0		1530	S	2	X																
EXF-SSE-13.5	03/24	1000	S	2	X																

Standard Turn Around Time (TAT) = 10 Business Days

SPECIAL INSTRUCTIONS:

TAT Requested (circle): 1 Day 2 Day 3 Day 5 Day Standard Other: HCE

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: | Date: 03/24/23 | RECEIVED BY: Signature: | Date: 3/24/23
Printed Name: MICHAEL WHITSON | Time: 1730 | Printed Name: D. BORYS | Time: 21:35
Company: HCE | Company: HCE

RELINQUISHED BY: Signature: | Date: 3/24/23 | RECEIVED BY: Signature: | Date: 3/25/23
Printed Name: | Time: | Printed Name: ERIN BYNUM | Time: 922
Company: | Company: APEX LABS

Form Y-002 R-00

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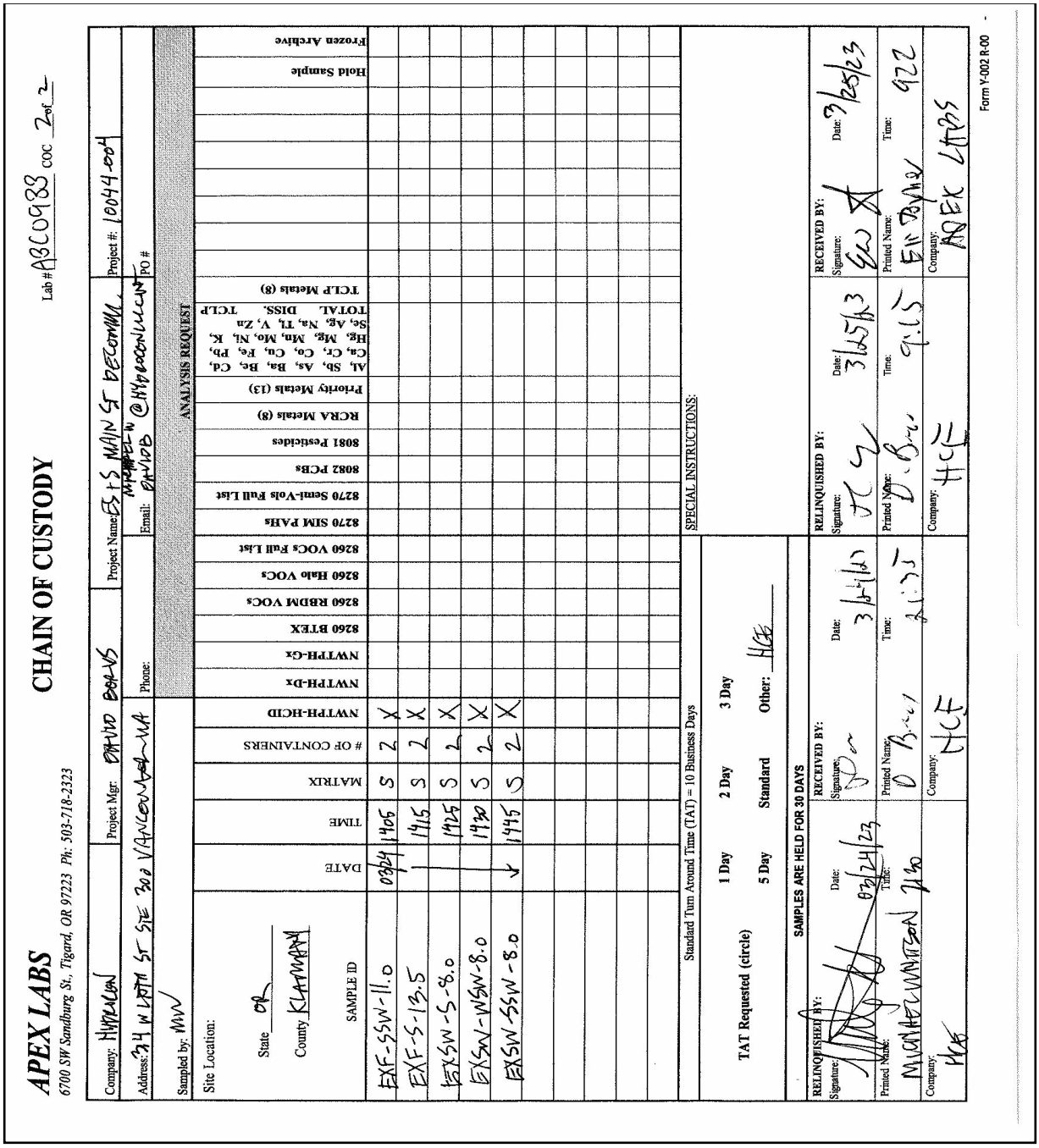

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APEX LABS COOLER RECEIPT FORM

Client: Hydrocon Element WO#: A3C0933

Project/Project #: ES&S Main St Decomm 10044-004

Delivery Info:

Date/time received: 3/25/23 @ 922 By: EST

Delivered by: Apex__Client X ESS__FedEx__UPS__Radio__Morgan__SDS__Evergreen__Other__

Cooler Inspection Date/time inspected: 3/25/23 @ 927 By: EST

Chain of Custody included? Yes X No _____

Signed/dated by client? Yes X No _____

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	2.0						
Custody seals? (Y/N)	N						
Received on ice? (Y/N)	Y						
Temp. blanks? (Y/N)	Y						
Ice type: (Gel/Real/Other)	Real						
Condition (In/Out):	In						

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

Green dots applied to out of temperature samples? Yes/No

Out of temperature samples form initiated? Yes/No

Sample Inspection: Date/time inspected: 3/25/23 @ 11:01 By: AAW

All samples intact? Yes X No ___ Comments: _____

Bottle labels/COCs agree? Yes X No ___ Comments: _____

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 ___ NA X

Comments _____

Water samples: pH checked: Yes___No___NA X pH appropriate? Yes___No___NA X

Comments: _____

Additional information: _____

Labeled by: AAW Witness: EST Cooler Inspected by: EST

Form Y-003 R-00

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