

Underground Storage Tank Decommissioning Report

Benton County Crisis Center
240 NW 4th Street
Corvallis, Oregon 97330
DEQ LUST File No. 02-24-0023
DEQ UST Facility 76

Prepared for:
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360 SW Avery Avenue
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PBS Project 52774.100



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1 INTRODUCTION

PBS Engineering and Environmental Inc. (PBS) is submitting this underground storage tank (UST) decommissioning report that summarizes the decommissioning of three unregistered USTs at 240 NW 4th Street in Corvallis, Oregon (site; Figure 1). The USTs were discovered during redevelopment of the property into the Benton County Crisis Center. Included with this summary are completed Oregon Department of Environmental Quality (DEQ) tank-decommissioning forms.

2 BACKGROUND

The subject property formerly contained a 1,320-square-foot gasoline service station with repair bays that was historically operated as an ARCO gasoline service station from 1956 to 1977 and then as an Exxon service station until 1991. The site was subsequently operated by D&M Auto Services as a used car sales and automotive service station. Benton County purchased the property in 2010.

2.1 Previous Environmental Assessments and UST Decommissioning

In March 1991, a light non-aqueous phase liquid (LNAPL) assumed to be gasoline was discovered inside a sewer pipe during repair work near the subject property. A release was reported to DEQ and Leaking Underground Storage Tank (LUST) file 02-91-4086 was subsequently opened. The subject property was identified as the source of contamination and Geraghty & Miller, Inc. completed an initial site investigation in September 1992 at the request of ARCO. Geraghty & Miller, Inc. noted the existence of four USTs on the property:

- Three 6,000-gallon gasoline USTs were situated within the northwestern extent of the site.
- One 100-gallon waste-oil UST was situated within the southwestern extent of the site.

Historical documentation describes the initial mitigative response, including the removal approximately 75 gallons of gasoline and 295 gallons of impacted water from the subsurface, as well as disposal of approximately 16 cubic yards of hydrocarbon-impacted soil from exploratory trenching activities.¹ Four groundwater monitoring wells (MW-1 through MW-4) were installed at the site to characterize and evaluate impacts to groundwater. Initial total petroleum hydrocarbon (TPH) analysis identified gasoline- and diesel-range TPH in most soil samples.

Soil samples collected during the initial assessment detected the following contaminants:

- A maximum gasoline-range TPH concentration of 710 milligrams per kilogram (mg/kg) was detected in soil cuttings from monitoring well MW-3. A maximum diesel- and heavy oil-range TPH concentration of 230 mg/kg was detected in soil cuttings recovered from monitoring well MW-1.
- A maximum benzene detection of 2.5 mg/kg was detected in soil cuttings collected from MW-4. Ethylbenzene was detected at a maximum concentration of 7.7 mg/kg in soil cuttings collected from MW-3.
- Lead was detected in soil samples at a maximum concentration of 19.2 mg/kg from MW-2.

Following well development, LNAPL was observed in monitoring wells MW-2, MW-3, and MW-4. A groundwater sample was collected from MW-1 that indicated detections of benzene, ethylbenzene, toluene, and xylenes (BTEX) compounds, naphthalene, and low detections of diesel-range and heavy oil-range hydrocarbons and several polyaromatic hydrocarbons.

¹ Geraghty & Miller, Inc. (1992, September 22). *Site Characterization*.

A second site assessment was completed by Emcon in January 1996 to characterize off-site soil and groundwater impacts of the discovered hydrocarbon release.² Four additional monitoring wells (MW-5 through MW-8) were installed, and additional soil and groundwater sampling was conducted. BTEX compounds and naphthalene were detected in the wells. Benzene was detected between 98 micrograms per liter (µg/L) and 490 µg/L.

The four USTs and a heating oil tank identified as being 250 gallons in size were decommissioned by removal in December 2001.³ Analyses from soil samples collected during UST decommissioning indicated results consistent with previously detected contaminants of concern.

In January 2012, following several years of groundwater monitoring and a transfer of site ownership to Benton County, Arcadis supervised the removal of existing product pipelines, collected confirmation soil samples, and installed additional monitoring wells (MW-9 through MW-13) for additional groundwater characterization. In addition to the groundwater wells, soil vapor monitoring points VP-1 through VP-5 were installed for the collection of soil gas samples.⁴ The following compounds were detected in soil vapor samples collected from the monitoring points:

- Benzene was detected at a maximum concentration 130,000 micrograms per cubic meter (µg/m³).
- Ethylbenzene was detected at a maximum concentration of 13,000 µg/m³.
- Gasoline-Range Organics (GRO) were detected at a maximum concentration of 410,000,000 µg/m³.
- Diesel-Range Organics (DRO) were detected at a maximum concentration of 1,400,000 µg/m³.

A Contaminated Media Management Plan (CMMP) was prepared by Arcadis in October 2016.⁵ Figures and tables from the CMMP that document historical sampling results are included in Appendix A. Historical soil analytical results identified gasoline-range TPH, diesel-range TPH, BTEX compounds, and naphthalene as exceeding DEQ occupational risk-based concentrations (RBCs), while groundwater results indicated similarly gasoline-range TPH, BTEX, and naphthalene exceeding DEQ RBCs protective of occupational and construction worker receptors.

Oregon DEQ issued a Conditional No Further Action (CNFA) determination to Benton County for the property on September 14, 2018.⁶ The CNFA required the following:

- Restriction on beneficial groundwater use
- A site-specific CMMP
- A site-specific Health and Safety Plan (HASP)
- Vapor mitigation engineering controls for any future building construction

DEQ also issued a CNFA determination to BP Remediation Management (BP) on October 22, 2019.⁷ The BP CNFA only applies to petroleum releases, and required, if future contaminated soil or groundwater is encountered, the procedures in the CMMP must be implemented to properly handle and dispose of contaminated media. All historical records reviewed for the project site are publicly available under the DEQ LUST files 02-69-4001 and 02-91-4086.

² Emcon. (1996, January 12). *Hydrogeologic Site Assessment*.

³ GeoCon, Inc. (2002, January 11). *UST Decommissioning*.

⁴ Arcadis. (2012, January 31). *Piping Removal, Confirmatory Sampling, and Well Installation Work Plan*.

⁵ Arcadis. (2016, October 13). *Contaminated Media Management Plan*.

⁶ DEQ (Oregon Department of Environmental Quality). (2018, September 14). *Conditional No Further Action Determination*.

⁷ DEQ (Oregon Department of Environmental Quality). (2019, October 22). *Conditional No Further Action Determination*.

2.2 Vapor Mitigation

As part of the CNFA, redevelopment of the property required vapor intrusion mitigation to be designed into future building design.

Benton County retained PBS to design a Vapor Mitigation System (VMS). The proposed VMS was detailed in an engineering report dated September 2023 and reviewed by DEQ in 2023.⁸ The approved VMS consists of the following:

- Sub-slab vapor depressurization system
- Sub-slab vapor barrier
- Sub-slab vapor monitoring points
- Utility dams
- Conduit seal
- Combustible gas alarms

Completion of quarterly post-construction monitoring of the sub-slab vapor monitoring points subsequent to construction of the proposed VMS and associated building was proposed in the engineering report to confirm effectiveness of the VMS. A closure report documenting the as-built for the VMS and the post-construction quarterly monitoring is also proposed.

3 GASOLINE UST DECOMMISSIONING

PBS was contacted by Gerding Builders (Gerding) regarding the discovery of an additional UST during site grading activities related to the future Benton County Crisis Center. As part of the remediation and redevelopment of the site, Gerding removed the upper 5 feet of soil within the proposed building foot print and utility corridors and 2-1/2 feet within areas outside the building foot print and replaced it with inert engineering fill consisting of compacted ¾-minus virgin structural fill. Soil generated by the grading was transported to Coffin Butte Landfill for disposal.

On January 24, 2024, an excavator operator performing remedial soil removal work inadvertently caused the release of approximately 500 gallons of gasoline-impacted water to spill from the UST (UST-01) into the surrounding excavation. The spilled contaminated water and groundwater that recharged into the excavation were pumped and containerized on site in several large tanks the same day as the spill. No LNAPL was observed. PBS collected a waste characterization sample from the containerized water (Tank Water) and a sample of recharged groundwater that was observed entering the excavation (Pit Water). Approximately 5,000 gallons of gasoline-impacted water was transported off site for disposal by Oil Re-Refining Company (ORRCO).

PBS collected two site assessment soil samples (Tank Pit-E-6 and Tank Pit-W-6) from soil directly beneath the eastern and western ends of the removed UST, respectively. An additional sample (Tank Pit-10) was collected approximately 4 feet deeper to evaluate contaminant levels at depth. Samples were collected from an excavator bucket. A fourth sample (SG-SW-6) was collected as a confirmation sample to the southwest of UST-01, where impacted water spilled from the tank. Approximately 10 cubic yards of soil were generated while exposing the UST and separately stockpiled pending results of site assessment soil samples. In accordance with the existing CMMP, site soil is disposed of at Coffin Butte Landfill. PBS reported the release and the presence of groundwater to DEQ on January 24, 2024, and LUST file 02-24-0023 was subsequently

⁸ PBS (PBS Engineering and Environmental Inc.). (2023, September). *Engineering Report Vapor Mitigation System*.

opened. Cowlitz Clean Sweep (CCS) of Portland, Oregon, rinsed the interior of UST-01 on February 2, 2024, and the tank was later recycled by Gerding. Copies of recycling and disposal receipts are included in Appendix B.

On February 12, 2024, a second UST (UST-02) was encountered at the northeastern corner of the site by Gerding during remedial site grading. Following discovery, PBS requested UST location services from Alpha Locates of Gaston, Oregon, to evaluate the site for additional undiscovered USTs using a magnetometer. A third UST (UST-03) was identified during the tank sweep approximately 30 feet south of UST-02 (Figure 2). Controlled Density Fill (CDF) was observed inside UST-02, indicating that the tank was previously decommissioned in-place. UST-03 was noted by PBS staff to contain gasoline-impacted water, and a water sample (UST-01-CE) was collected for waste profiling. On February 14, 2024, CCS mobilized to the site and pumped the contents of both tanks to containers on site for disposal by ORRCO. CDF was removed from UST-02 and disposed at Coffin Butte Landfill per the CMMP. Each of the three USTs discovered were approximately 90 inches long by 42 inches in diameter (approximately 550 gallons in size). Visible staining and petroleum odor were noted in soil surrounding each UST location at a magnitude consistent with impacts observed across the site.

Due to the extensive characterization historically completed at the site and ongoing remedial site grading that would remove approximately 2.5 feet of soil beneath the discovered USTs, PBS requested DEQ approve a modified sampling plan of one site assessment soil sample for each UST, collected from the final grading depth (rather than 1 to 2 feet below tank bottom depth, as typical). DEQ concurred with the modified sampling approach via email (Appendix C) on February 15, 2024.

Soil sample T2-7 was collected beneath UST-02 and soil sample T3-5.5 was collected beneath UST-03. Both samples were collected from an excavator bucket taking care not to collect soil in contact with the sides of the bucket. A photoionization detector (PID) was used to screen for volatile organic compounds (VOCs) in soils and new, disposable nitrile gloves were worn during sampling. All soil samples were placed into laboratory-provided containers, stored on ice, and delivered to Apex Laboratories of Tigard, Oregon, or Pace Analytical of Mt. Juliet, Tennessee, under chain-of-custody documentation. Photos of the tank decommissioning are included in Appendix D.

4 CHEMICAL ANALYSIS AND RESULTS

Soil samples were analyzed by Northwest Total Petroleum Hydrocarbons, Hydrocarbon Identification (NWTPH-HCID), Northwest Total Petroleum Hydrocarbons, Diesel Extended (NWTPH-Dx), Northwest Total Petroleum Hydrocarbons, Gasoline Extended (NWTPH-Gx), Risk-Based Decision Making (RBDM) VOCs by EPA Method 8260D, and lead by EPA Method 6020B. Soil samples collected during the decommissioning of UST-01 were additionally analyzed for polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270 SIM PAHs. The following is a summary of the soil analytical results:

- Diesel-range TPH was detected at low levels in samples collected from each of the three USTs. A maximum diesel-range TPH concentration of 95.9 mg/kg was detected in sample Tank Pit-E-6, collected at UST-01. Heavy oil-range TPH was not detected above applicable reporting limits in any soil sample.
- Gasoline-range TPH was detected in samples collected from soil at each of the three USTs and was detected at a maximum concentration of 7,650 mg/kg in sample Tank Pit-10 collected at UST-01.
- Several VOCs including benzene, ethylbenzene, naphthalene, toluene, trimethylbenzene, and xylenes were detected at various concentrations in the soil samples.
- Several PAHs were detected at various concentrations in samples collected at UST-01.

- Lead was detected in each of the soil samples at concentrations ranging from 9.48 mg/kg to 49.7 mg/kg.

Table 1 provides a summary of the soil sample analytical results. Laboratory analytical reports are included in Appendix E.

4.1 Groundwater Sample Analytical Results

The following is a summary of analytical results from groundwater sample "Pit Water," which was collected from groundwater that reentered the excavation following pumping activities related to the spill of UST-01. Water samples "Tank Water" and "UST-01-CE" were collected from containerized water spilled from UST-01 and from water inside UST-03, respectively, and subsequently transported offsite for disposal; therefore, they are not included in the discussion. Results for all three water samples are included in Table 2.

- Gasoline-range TPH was detected at concentrations of 5,430 µg/L. Diesel-range TPH was detected at concentrations ranging from 363 µg/L. Heavy oil-range TPH was not detected above applicable reporting limits.
- Several VOC compounds including benzene (110 µg/L), ethylbenzene (191 µg/L) and naphthalene (52.3 µg/L) were detected above applicable reporting limits.
- Several PAH compounds were detected above applicable reportable limits.
- Lead was detected at a concentration off 4.49 µg/L.

Table 2 provides a summary of the groundwater and water analytical results. Laboratory analytical reports are included in Appendix E.

5 EXPOSURE ASSESSMENT

A conceptual site model (CSM) describes the known or suspected source of contamination, considers how the contaminants are likely to migrate (pathways), and identifies who is likely to be affected by the contaminants (receptors). For risk to be present at the Site, a source must be present, pathways must be complete, and receptors must be present. Analytical results were screened against DEQ's RBCs to evaluate potential risk.⁹ The following sections describe the potentially complete exposure pathways and risk screening.

5.1 Source of Release

There have been numerous historically documented UST releases at the site.

5.2 Contaminants of Concern

Contaminants of concern for soil and groundwater include the following:

- Soil:
 - Gasoline-range hydrocarbons
 - Diesel- and heavy oil-range hydrocarbons
 - Petroleum-related VOCs (Benzene, 1,2-dichloroethane, ethylbenzene, isopropylbenzene, naphthalene, n-propylbenzene, toluene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and total xylenes)

⁹ DEQ (Oregon Department of Environmental Quality). (2023, September 22. Updated May 2018). *Risk-Based Decision Making for the Remediation of Contaminated Sites*.

- PAHs
- Lead
- Groundwater:
 - Gasoline-range hydrocarbons
 - Diesel-range hydrocarbons
 - Petroleum-related VOCs (Benzene, ethylbenzene, isopropylbenzene, n-propylbenzene, toluene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and total xylenes)
 - PAHs

5.3 Facility and Locality of the Facility

The facility is defined by DEQ as an area in which hazardous substances or materials may have been deposited, stored, placed, or otherwise have come to be located, and a release has occurred or there is threat of a release. Given the extensively documented petroleum contamination of the site, the facility is designated as the site boundary.

The locality of the facility (LOF) is defined by DEQ as the area where human or ecological receptors are reasonably likely to encounter facility-related hazardous substances. The area is determined by considering factors such as the physical and chemical characteristics of the contaminants, the physical characteristics that govern the migration of contaminants (i.e., soil characteristics and groundwater gradient), and human activities in the vicinity. The LOF typically defines the maximum migration extent for each medium, considering all these factors. Based on the 2014 "Arcadis Supplemental Site Investigation, Conceptual Site Model, Corrective Action Plan, and Closure Report," the LOF was previously defined, following several years of groundwater monitoring, to the off-site network of monitoring wells (MW-8, MW-10, and MW-13).

5.4 Current and Likely Future Uses of Land and Groundwater

The proposed development of the site consists of a two-story building with a 4,175-square-foot first-floor footprint and a 3,810-square-foot second-floor footprint. The proposed facility will be managed by Benton County Behavioral Health Services and function as a voluntary walk-in treatment center serving as an alternative to the emergency room to provide stabilization for individuals experiencing mental health crises, along with referrals and support for ongoing behavioral health services. The crisis center will allow clients to stay for a maximum of 30 days in the 5 second-floor bedrooms.

Beneficial water use in the vicinity was previously evaluated as part of the CSM completed by Arcadis in 2014.¹⁰ Arcadis did not identify well logs within a 0.25-mile radius of the site. As a conservative measure, PBS reviewed the Oregon Water Resources Department well query online database that provides logs for water wells to evaluate if any wells have been installed within a 0.25-mile radius since 2014.¹¹ The database was reviewed by PBS on March 14, 2024, for well logs located within 0.25 mile for Township 11S, Range 5W, Section 35 and Section 2. Geotechnical boreholes and abandoned wells were not considered beneficial uses for this review.

Well log BENT 56301 was identified as a domestic well installed in 2021 approximately 0.8 mile northeast from the site. Shallow groundwater at the site is anticipated to flow east toward the Willamette River. Based on the

¹⁰ Arcadis. (2014, June 26). Supplemental Site Investigation and Conceptual Site Model.

¹¹ http://apps.wrd.state.or.us/apps/gw/well_log/

distance and cross-gradient direction, the well is not considered a potential receptor. A copy of the well log is included in Appendix F. No other records of wells were identified. Based on this information, groundwater does not appear to be in use at or near the site, and municipal water is readily available.

5.5 Current and Future Receptors

Current receptors include construction and excavation workers as the property is currently being redeveloped into the Benton County Crisis Center. Future receptors include occupational, construction, and excavation workers.

5.6 Potentially Complete Soil Exposure Pathways

The following soil pathways are potentially complete:

- Soil ingestion, dermal contact, and inhalation for occupational, construction, and excavation worker receptors

The leaching to groundwater pathway is not considered complete based on the current and future use of groundwater noted above.

5.7 Potentially Complete Groundwater Exposure Pathways

The groundwater pathways are potentially complete:

- Volatilization to outdoor air for residential and occupational receptors
- Vapor intrusion into buildings for residential and occupational receptors
- Groundwater in excavation for construction and excavation worker receptors

The ingestion and inhalation from tap water pathway is not considered complete based on the current and future use of groundwater noted above.

6 DATA EVALUATION AND EXPOSURE ASSESSMENT

Soil concentrations were compared against RBCs for potentially complete exposure pathways. The soil sample concentrations and RBCs are shown in Table 1. The soil ingestion, dermal contact, and inhalation for occupational receptors was exceeded by the naphthalene detection of 23.5 mg/kg in sample Tank Pit-10.

Analytical results and RBCs for the groundwater sample "Pit Water" are shown in Table 2. Results from water samples "Tank Water" and "UST-01-CE" are not included in the exposure assessment. Several compounds including gasoline-range TPH, benzene, ethylbenzene and naphthalene exceeded the vapor intrusion into buildings RBCs protective of occupational receptors.

7 CONCLUSIONS

Three 550-gallon USTs were discovered during site redevelopment activities and subsequently decommissioned. A release was reported following a spill of approximately 500 gallons of gasoline-impacted water from UST-01. Confirmation samples collected during decommissioning indicated contaminant concentrations consistent with historically documented concentrations of contaminants of concern.

Despite RBC exceedances, unacceptable risk is not present at the site. Completed exposure pathways can be ruled at given the following conditions:

- The soil ingestion, dermal contact, and inhalation pathway can be ruled out as a result of completed remedial site grading, which removed contaminated soil to a minimum depth of 5 feet bgs, as well as planned design for the new facility, which will incorporate impervious surfaces (i.e., asphalt and concrete).

- All construction work is being completed under the DEQ-approved CMMP and site-specific HASP.
- Similarly, the design of the Benton County Crisis Center facility will include a vapor mitigation system that has been reviewed and approved by DEQ. The system is designed to eliminate vapor intrusion risk.

There are no other completed exposure pathways. The site previously received a CNFA from DEQ, and PBS' findings following the decommissioning of the three discovered USTs suggest that site conditions have not changed, nor is unacceptable risk is present. It is appropriate to close LUST file 02-24-0023.

8 LIMITATIONS

PBS has prepared this report for the exclusive use of Benton County and is not to be relied upon by other parties. It is not to be photographed, photocopied, or similarly reproduced in total or in part without express written consent of Benton County and PBS.

This study was limited to the tests, locations, and depths as indicated to determine the absence or presence of certain contaminants. The site may have other contamination that was not characterized by this study. The findings and conclusions of this report are not scientific certainties, but probabilities based on professional judgment concerning the significance of the data gathered during these investigations. PBS is not able to represent that the site or adjoining land contain no hazardous waste, oil, or other latent conditions beyond that detected or observed by PBS.

Please feel free to contact me at 503.417.7610 or nick.thornton@pbsusa.com with any questions or comments.

Sincerely,
PBS Engineering and Environmental Inc.



Digitally signed by
Nick Thornton
Date: 2024.03.29
11:28:39 -07'00'

Nick Thornton
Senior Project Manager



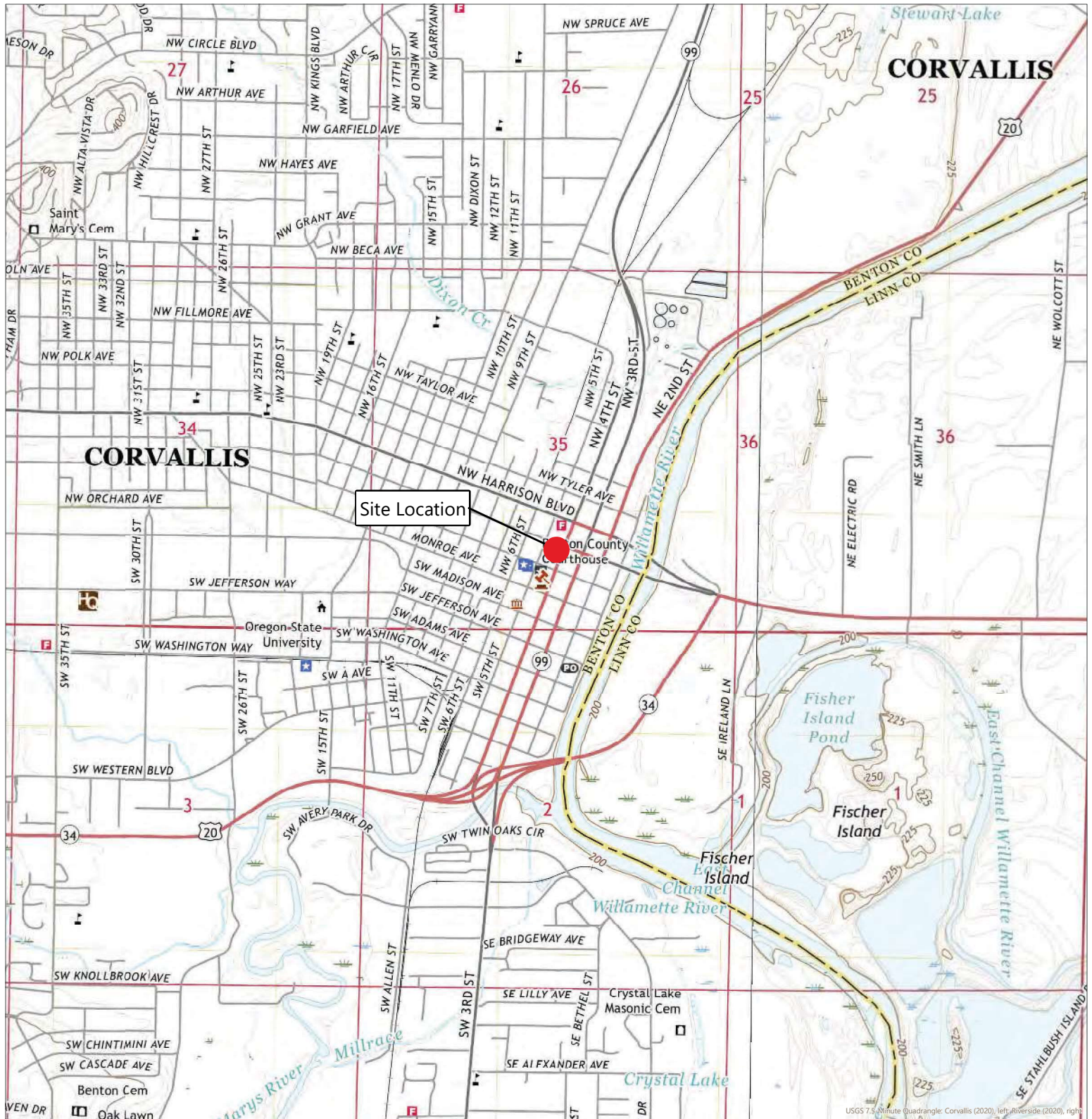
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Craig Peterson, PE
Senior Environmental Engineer

Figures

Figure 1. Vicinity Map

Figure 2. Site Plan



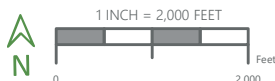
Site Vicinity

240 NW 4th Avenue, Corvallis, Oregon

Date: March 2024 | Project: 52774.100

Figure: 1

● Site Location



This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.



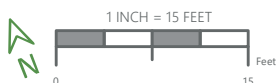
Site Plan

240 NW 4th Avenue, Corvallis, Oregon

Date: March 2024 | Project: 52774.100

Figure: 2

- ▲ Soil Sample
-  Approximate Extent of Spill from UST-01
-  Tank
-  Site Boundary



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Tables

Table 1. Summary of Soil Analytical Results

Table 2. Summary of Water Analytical Results

Table 1. Summary of Soil Analytical Results
 Benton County Crisis Center UST Decommissioning
 Corvallis, Oregon
 DEQ LUST File No. 02-24-0023

				Total Petroleum Hydrocarbons							
Sample ID	UST ID	Sample Date	Depth Collected (feet bgs)	Gasoline	Diesel	Heavy Oil	Benzene	n-Butylbenzene	sec-Butylbenzene	Ethylbenzene	Isopropylbenzene
Tank Pit-E-6	UST-01	1/25/2024	6	1,660	95.9	<48.1	0.697	6.85	1.34	24.1	2.72
Tank Pit-W-6		1/25/2024	6	2,000	43.3	<50.4	1.24	8.20	<1.36	21.1	2.23
Tank Pit-10		1/25/2024	10	7,650	82.6	<49.8	6.46	21.5	3.82	115	7.01
SG-SW-6		1/25/2024	6	<8.92	<26.2	<52.4	<0.0178	<0.0892	<0.0892	<0.0446	<0.0892
T2-7	UST-02	2/15/2024	7	3,220	16.7	<13.8	0.0839	--	--	2.93	10.8
T3-5.5	UST-03	2/15/2024	5.5	2,920	39.2	<13.7	<0.0729	--	--	1.03	0.746
Oregon RBC - Soil Ingestion, Dermal Contact, and Inhalation ¹	Occupational			20,000	14,000	NS	37	NS	NS	150	57,000
	Construction Worker			9,700	4,600	NS	380	NS	NS	1,700	27,000
	Excavation Worker			>MAX	>MAX	NS	11,000	NS	NS	49,000	750,000
Oregon DEQ RBC ¹ Volatilization to Outdoor Air	Occupational			69,000	>Max	>Max	50	NS	NS	160	>Csat
Oregon DEQ Clean Fill Value ²				31	1,100	NS	0.023	190	350	0.22	NS

VOCs (detections only)							PAHs (detections only)							Lead
4-Isopropyltoluene	Naphthalene	n-Propylbenzene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Total Xylenes	Fluorene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Fluoranthene	Pyrene	
mg/kg														
0.799	7.66	12.6	<0.281	0.478	3.90	1.66	0.0204	1.14	2.32	4.09	0.0277	<0.0120	<0.0120	49.7
<1.36	7.15	11.3	<1.36	<1.36	<0.681	<0.681	0.0145	0.794	1.70	2.96	0.0231	<0.0122	<0.0122	12.6
<2.73	23.5	36.0	16.7	218	71.9	441.9	0.0524	3.12	6.03	11.8	0.0606	0.0156	0.194	16.3
<0.0892	<0.178	<0.0446	<0.0892	<0.0892	<0.0892	<0.0446	<0.0129	<0.0129	<0.0129	<0.0129	<0.0129	<0.0129	<0.0129	14.2
--	2.19	54.0	0.307	0.955	0.413	0.976	--	--	--	--	--	--	--	9.48
--	0.884	2.57	<0.365	0.212	<0.365	<0.474	--	--	--	--	--	--	--	14.3
NS	23	NS	88,000	6,900	6,900	25,000	47,000	NS	NS	23	NS	30,000	23,000	800
NS	580	NS	28,000	2,900	2,900	20,000	14,000	NS	NS	580	NS	10,000	7,500	800
NS	16,000	NS	770,000	81,000	81,000	560,000	390,000	NS	NS	16,000	NS	280,000	210,000	800
NS	83	NS	>Csat	>Csat	>Csat	>Csat	>Max	NS	NS	83	NS	NV	>Max	NV
NS	0.077	72	23	10	11	1.4	3.7	0.36	11	0.077	5.5	10	10	28

Notes:

¹Values obtained from DEQ Risk-Based Concentrations for Individual Chemicals, May 2018 revised August 2023.

²Values obtained from DEQ Clean Fill Determinations Table 1 for the lowest concentrations between Portland Basin and South Willamette Valley and Table 2, June 2019.

Bold text, if present, indicates an exceedance of one or more of the cleanup levels.

<: Analyte not detected above the laboratory reporting limit

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

--: sample not analyzed for constituent

bgs: below ground surface

mg/kg: milligrams per kilogram

NS: value not set

NV: Compound is non-volatile

PAHs: polycyclic aromatic hydrocarbons

UST: underground storage tank

VOCs: volatile organic compounds

Table 2. Summary of Water Analytical Results

Benton County Crisis Center UST Decommissioning
Corvallis, Oregon
DEQ LUST File No. 02-24-0023

Sample ID	UST ID	Sample Date	TPH			VOCs (detection)							
			Gasoline	Diesel	Heavy Oil	Acetone	Benzene	n-Butylbenzene	sec-Butylbenzene	1,2-Dichloroethane	Ethylbenzene	Isopropylbenzene	4-Isopropyltoluene
Pit Water	UST-01	1/25/2024	5,430	363	<151	34.6	110	11.9	3.24	0.580	191	13.0	2.19
Tank Water*		1/25/2024	24,200	1,000	<170	<200	1,860	17.2	<10.0	13.3	695	21.8	<10.0
UST-01-CE*	UST-03	2/13/2024	7,630	475	<170	<20.0	1.44	39.3	13.7	<0.400	28.4	30.4	5.96
Oregon DEQ RBC ¹ Groundwater Vapor Intrusion into Buildings	Occupational		520	1,700	NS	NITI	12	NITI	NITI	18	31	NS	NS
Oregon DEQ RBC ² Groundwater in Excavation	Construction & Excavation Worker		14,000	>S	>S	NS	1,800	NS	NS	630	4,500	51,000	NS

Notes:
Only detected chemicals are shown. See laboratory report for full list of analytes.
Bold text, if present, indicates an exceedance of one or more of the cleanup levels.

s only)								PAHs (detections only)						Lead	PCBs
Naphthalene	n-Propylbenzene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	m,p-Xylene	o-Xylene	Acenaphthene	Fluorene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Pyrene			
µg/L															
52.3	50.0	10.3	24.9	16.2	115	42.0	0.0645	0.127	6.51	3.25	8.13	0.0444	4.49	--	
139	62.7	174	301	83.2	2,000	823	0.0734	0.147	11.4	18.3	85.0	<0.0421	28.9	ND	
35.8	129	2.69	5.51	1.33	5.64	1.78	--	--	--	--	--	--	47.2	--	
50	22,000	150,000	2,400	1,700	3,000	4,300	NITI	NITI	NITI	NITI	50	NITI	NV	NV	
500	NS	220,000	6,300	7,500	23,000	23,000	>S	>S	NS	NS	500	>S	>S	30	

¹Values obtained from DEQ Table 1. Chronic and Acute Vapor Intrusion Risk-Based Concentrations, March 2024.

²Values obtained from DEQ Risk-Based Concentrations for Individual Chemicals, May 2018 revised August 2023.

<: Analyte not detected above the laboratory reporting limit

>S: greater than solubility

-- Not analyzed

µg/L: microgram per liter

NITI: no inhalation toxicity information

NS: value not set

NV: not volatile

PAHs: polycyclic aromatic hydrocarbons

TPH: total petroleum hydrocarbons

UST: underground storage tank

VOCs: volatile organic compounds

*Waste profile sample; water was disposed of offsite

Appendix A

Historical Figures and Data Tables

Table
Historical Soil Analysis
Supplemental Site Investigation, Conceptual Site Model
OR-0
240 NW 4th Street

Sample Location	Sample Date	Sample Depth	GRO (mg/Kg)	DRO (mg/Kg)	HO (mg/Kg)		
						Benzene	Toluene
MW-1	8/12/1992	6-6.5	<5.0	ND	(b)	<0.025	<0.0
MW-1	8/12/1992	11-11.5	<5.0	ND	(b)	ND	<0.0
MW-1	8/12/1992	16	--	230	(b)	--	--
MW-1	8/12/1992	28-26.5	<5.0	ND	(b)	<0.025	<0.0
MW-2	8/12/1992	6-6.5	30	ND	(b)	0.035	<0.0
MW-2	8/12/1992	11-11.5	250	ND	(b)	0.36	0.2
MW-3	8/13/1992	6-6.5	710	ND	(b)	0.35	0.8
MW-3	8/13/1992	11-11.5	32	ND	(b)	0.83	4
MW-3	8/13/1992	21-21.5	250	ND	(b)	1.1	7
MW-4	8/13/1992	6-6.5	550	ND	(b)	2.3	1.
MW-4	8/13/1992	11-11.5	290	ND	(b)	2	0.
MW-4	8/13/1992	21-21.5	510	ND	(b)	2.5	7.
MW-5	8/29/1995	10.0-10.5	22	--	--	--	--
MW-5	8/29/1995	15.0-15.5	55	--	--	--	--
MW-6	8/29/1995	10.0-10.5	ND	--	--	--	--
MW-6	8/29/1995	15.0-15.5	ND (c)	--	--	--	--
MW-7	8/29/1995	10.0-10.5	ND	--	--	--	--
MW-7	8/29/1995	15.0-15.5	ND (c)	--	--	--	--
MW-8	8/30/1995	10.0-10.5	ND	--	--	--	--
MW-8	8/30/1995	15.0-15.5	35	--	--	--	--
TP-1	12/13/2001	8.5	DET	87.7	71.9	<0.1	<0.1
TP-2	12/13/2001	8.5	DET	402	68.1	<1	<1
TP-3	12/13/2001	8.5	<20.0 (d)	<50	<50	<0.1	<0.1
TP-4	12/13/2001	8.5	DET	204	<50	<0.5	1.5
TP-5	12/13/2001	8.5	DET	157	<50	<1	13
TP-6	12/13/2001	8.5	DET	2,680	1,220	<5	24.
TP-7	12/13/2001	8.5	DET	<25.0	<50	2.02	0.2
TP-8	12/13/2001	8.5	DET	576	<50	88.4	34.
Gas-E	12/13/2001	10	388	--	--	0.0675	0.4
Gas-S	12/13/2001	10	626	--	--	<0.0342	0.1
Gas-W	12/13/2001	9	911	--	--	0.349	1.6
Gas-N	12/13/2001	9	294	--	--	1.69	6.8
Gas-Bottom	12/13/2001	(Bottom)	10,100	484	152	447	57.
WD-E	12/17/2001	4	412	2,250	<667	--	--
WD-W	12/17/2001	4	113	<176	<588	--	--
HD-N	12/17/2001	4	--	<21.1	70.4	--	--
HD-S	12/17/2001	4	--	<20.6	69.5	--	--
DI-1-B	6/14/2012	2	101	34.0	<84.5	0.0315	0.0
DI-1-E	6/14/2012	2	19.2	--	--	0.0287	0.0
DI-1-W	6/14/2012	2	<6.4	--	--	0.0273	<0.0
DI-2-B	6/14/2012	2	<5.9	<19.4	<77.4	<0.0030	<0.0
DI-2-N	6/14/2012	2	<6.4	--	--	<0.0029	<0.0
DI-2-S	6/14/2012	2	<8.4	--	--	<0.0033	<0.0
DI-3-B	6/14/2012	1	<5.8	<17.4	<69.6	<0.0033	<0.0
DI-3-E	6/14/2012	1	<3.6	--	--	<0.0022	<0.0
DI-3-W	6/14/2012	1	<6.0	--	--	<0.0032	0.0
DI-4-B	6/14/2012	1	<5.9	--	--	<0.0033	<0.0
DI-4-E	6/14/2012	1	<3.5	--	--	<0.0028	0.0
DI-4-W	6/14/2012	1	<6.4	--	--	<0.0037	<0.0
PL-1-B	6/14/2012	2	<5.0	129	1,580	<0.0031	<0.0
PL-1-E	6/14/2012	2	<4.1	--	--	<0.0031	<0.0
PL-1-W	6/14/2012	2	<6.6	--	--	<0.0031	<0.0
PL-2-B	6/14/2012	2	<5.0	<18.0	<72.0	<0.0031	<0.0
PL-2-N	6/14/2012	2	<6.4	--	--	<0.0039	<0.0
PL-2-S	6/14/2012	2	<7.7	--	--	<0.0036	<0.0

PL-3-B	6/14/2012	2	<6.3	<18.3	<73.1	<0.0031	<0.0
PL-3-E	6/14/2012	2	<5.9	---	---	<0.0031	<0.0
PL-3-W	6/14/2012	2	<5.0	---	---	<0.0030	<0.0
PL-4-B	6/14/2012	2	11.6	<19.9	<79.7	<0.0018	<0.0
PL-4-E	6/14/2012	2	12.8	---	---	<0.0032	<0.0
PL-4-F	6/14/2012	2	8.2	---	---	<0.0036	<0.0
PL-4-W	6/14/2012	2	7.6	---	---	<0.0036	<0.0
MW-9	6/12/2012	1.5-2.0	<7.8	---	---	<0.0038	<0.0
MW-9	6/12/2012	6.0-6.5	<7.9	---	---	<0.0031	<0.0
MW-10	6/12/2012	1.5-2.0	<7.2	---	---	<0.0026	<0.0
MW-10	6/12/2012	4.0-4.5	<7.5	---	---	<0.0063	<0.0
MW-11	6/13/2012	1.5-2.0	<8.6	---	---	<0.0040	<0.0
MW-11	6/13/2012	5.5-6.0	<7.8	---	---	<0.0037	<0.0
MW-12	6/13/2012	1.0-1.5	<7.2	---	---	<0.0036	<0.0
MW-12	6/13/2012	5.5-6.0	<8.5	---	---	<0.0041	<0.0
VP-2	6/12/2012	3.5	89.9	<21.8	<87.1	<0.0043	<0.0
Oregon DEQ Risk Based Concentrations - Urban Residential in mg/kg							
Soil: Ingestion, Dermal Contact and Inhalation		2,500	2,200	5,700	24	12,000	
Soil: Volatilization to Outdoor Air		5,900	>Max	>Max	>Max	>C ₂₇	
Soil: Vapor Intrusion into Buildings			94	>Max	>Max	0.22	
Oregon DEQ Risk Based Concentrations - Occupational in mg/kg							
Soil: Ingestion, Dermal Contact and Inhalation		20,000	14,000	36,000	34	77,000	
Soil: Volatilization to Outdoor Air		69,000	>Max	>Max	>Max	50	
Soil: Vapor Intrusion into Buildings			>Max	>Max	>Max	1.2	
Oregon DEQ Risk Based Concentrations - Construction Worker in mg/kg							
Soil: Ingestion, Dermal Contact and Inhalation		9,700	4,900	11,000	340	24,000	
Oregon DEQ Risk Based Concentrations - Excavation Worker in mg/kg							
Soil: Ingestion, Dermal Contact and Inhalation		>Max	>Max	>Max	>Max	>Max	

Notes:

a = Xylene concentrations may reflect addition of xylene isomers.
b = Heavy oil range organics included with Diesel range range organics
c = sample was analyzed 1 day past the end of the recommended holding time
d = Laboratory reporting limit provided is for Method HCID-NWTPH
-- = not available, not applicable, or not analyzed
< = Not detected above laboratory method reporting limit indicated
>C_{SAT} = The soil RBC exceeds the limit of three phase equilibrium partitioning
>Max = The constituent RBC for this pathway is calculated as greater than 1,000,000 mg/kg
DET = Constituent is detected using Method HCID NWTPH but were not further analyzed
mg/Kg = milligrams per kilogram dry weight.
-- = Not Analyzed/ Not Available
ND = not detected at or above laboratory method reporting limit
1,2-Dibromoethane (EDB) analysis by EPA Method 8260B.
1,2-Dichloroethane (EDC) analysis by EPA Method 8260B.
Benzene, toluene, ethylbenzene, total xylenes (BTEX), Methyl tert-butyl ether (MTBE), and naphthalene analysis by EPA Method 8260B.
RBC = Oregon Department of Environmental Quality Risk Based Concentrations (RBCs) presented in the Appendix
Soil analytical results are compared to the groundwater risk based concentrations (RBCs) presented in the Appendix for the Remediation of the Petroleum-Contaminated Sites

Samples collected between 1992 and 2001 were analyzed for Total Petroleum Hydrocarbons by Method HCID NWTPH for this method. Values that are not LRLs were further analyzed using NWTPH-Gx and or NWTPH-Dx

Bold = Constituent detected above the laboratory method reporting limit

Bold = Shaded font indicates results are above the Urban Residential, Occupational, Construction Worker, and or

Table 2 - Groundwater Gauging Data and Select Analytical Results

OR-04194

240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-1	8/18/1992		--	--	--	--	--	--	--	130	160	480	1,200	--	--	--
	12/8/1994		224.46	8.05	0.00	216.41	--	--	--	175	28	184	311	--	--	--
	3/15/1995		224.46	7.34	0.00	217.12	--	--	--	228	55	178	370	--	--	--
	5/2/1995		224.46	7.20	0.00	217.26	--	--	--	240	286	436	1,280	--	--	--
	8/23/1995		224.46	12.48	0.00	211.98	--	--	--	334	86	395	844	--	--	--
	11/14/1995		224.46	8.47	0.00	215.99	--	--	--	373	187	510	1,130	--	--	--
	2/6/1996		224.46	5.56	0.00	218.90	--	--	--	100	148	239	852	--	--	--
	4/17/1996		224.46	8.08	0.00	216.38	--	--	--	144	63	198	650	--	--	--
	8/15/1996		224.46	12.07	0.00	212.39	--	--	--	210	81	470	1,000	--	--	--
	11/27/1996		224.46	6.97	0.00	217.49	--	--	--	138	66	292	670	--	--	--
	3/7/1997		224.46	6.76	0.00	217.70	--	--	--	0.5	ND	ND	ND	--	--	--
	5/6/1997		224.46	8.38	0.00	216.08	--	--	--	0.9	ND	ND	2	--	--	--
	8/4/1997		224.46	12.04	0.26	212.63	--	--	--	--	--	--	--	--	--	--
	9/8/1997		224.46	13.17	0.09	211.36	--	--	--	--	--	--	--	--	--	--
	11/14/1997		224.46	10.05	0.00	214.41	--	--	--	300	310	590	1,300	--	--	--
	3/4/1998	(f)	224.46	7.41	0.00	217.05	--	--	--	--	--	--	--	--	--	--
	6/4/1998		224.46	8.35	0.01	216.12	--	--	--	130	110	350	610	--	--	--
	9/14/1998		224.46	13.47	0.40	211.31	--	--	--	--	--	--	--	--	--	--
	12/16/1998		224.46	7.32	0.03	217.16	--	--	--	--	--	--	--	--	--	--
	3/8/1999		224.46	6.42	0.03	218.06	--	--	--	--	--	--	--	--	--	--
	6/1/1999		224.46	9.38	0.18	215.22	--	--	--	74	61	340	960	--	--	--
	6/25/1999		224.46	10.06	0.03	214.42	--	--	--	--	--	--	--	--	--	--
	8/11/1999		224.46	11.99	0.02	212.49	--	--	--	--	--	--	--	--	--	--

Table 2 - Groundwater Gauging Data and Select Analytical Results

OR-04194

240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-1	12/8/1999		224.46	7.47	0.01	217.00	--	--	--	--	--	--	--	--	--	--
	5/24/2000		224.46	8.84	0.00	215.62	--	--	--	--	--	--	--	--	--	--
	7/18/2000		224.46	11.12	0.00	213.34	--	--	--	--	--	--	--	--	--	--
	11/21/2000		224.46	12.75	(Trace)	211.71	--	--	--	--	--	--	--	--	--	--
	2/21/2001		224.46	9.82	0.02	214.66	--	--	--	--	--	--	--	--	--	--
	5/21/2001		224.46	9.75	0.00	214.71	--	--	--	--	--	--	--	--	--	--
	8/22/2001		224.46	12.09	(Trace)	212.37	--	--	--	--	--	--	--	--	--	--
	11/19/2001		224.46	10.40	0.02	214.08	--	--	--	--	--	--	--	--	--	--
	7/31/2003		224.46	12.53	0.01	211.94	--	--	--	97.5	18	352	228.6	<5.00	--	--
	10/22/2003		224.46	12.84	(Trace)	211.62	--	--	--	15	13.2	445	360.6	<5.00	--	--
	1/15/2004		224.46	6.91	(Trace)	217.55	--	--	--	27.3	11.2	295	217.2	<5.00	--	--
	4/15/2004		224.46	8.55	(Trace)	215.91	--	--	--	66.6	23.9	394	228.8	<5.00	--	--
	7/22/2004		224.46	12.04	(Trace)	212.42	--	--	--	18.6	13.3	408	288.3	<5.00	--	--
	10/14/2004		224.46	11.85	(Trace)	212.61	--	--	--	<5.00	5.55	426	303.4	<5.00	--	--
	1/26/2005		224.46	8.94	(Trace)	215.52	8,110	--	--	7.75	<5.00	265	176	<5.00	--	--
	4/14/2005		224.46	7.46	0.00	217.00	4,300	--	--	6.7	<5.00	82.8	55.15	<5.00	--	--
	7/14/2005		224.46	10.79	0.00	213.67	10,600	--	--	51.7	14.4	353	161.4	<5.00	--	--
	11/2/2005		224.46	10.45	(Trace)	214.01	6,900	--	--	9.5	5.05	252	114	<5.00	--	--
	2/7/2006		224.46	6.29	0.00	218.17	5,630	--	--	17.9	8.08	237	101.9	<2.00	--	--
	4/28/2006		224.46	8.32	0.00	216.14	5,750	--	--	26.7	12.7	314	156.1	<10.0	--	--
	9/5/2006		224.46	13.77	0.00	210.69	6,840	--	--	73.2	20	424	230.6	<5.00	--	--
	12/28/2006		224.46	6.38	(Sheen)	218.08	6,740	--	--	30.6	28.5	280	243.4	<2.00	--	--
	2/15/2007		224.46	7.88	0.00	216.58	7,190	--	--	31.6	51.6	387	424	--	--	--

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OR-04194

240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-1	5/17/2007		224.46	9.23	(Trace)	215.23	--	--	--	--	--	--	--	--	--	--
	9/28/2007		224.46	13.55	(Trace)	210.91	11,200	--	--	44.7	27.6	531	451	<10.0	--	--
	12/4/2007		224.46	6.90	(Trace)	217.56	--	--	--	--	--	--	--	--	--	--
	2/12/2008		224.46	6.81	0.00	217.65	8,990	--	--	14.4	19	300	312.9	<10.0	--	--
	4/23/2008		224.46	7.61	(Sheen)	216.85	10,800	--	--	16.8	20.1	327	293.2	<10.0	--	--
	7/16/2008		224.46	11.45	(Sheen)	213.01	5,290	--	--	<10.0	10.6	304	227	<10.0	--	--
	10/28/2008		224.46	14.32	(Sheen)	210.14	--	--	--	--	--	--	--	--	--	--
	2/16/2009		224.46	8.93	(Sheen)	215.53	--	--	--	--	--	--	--	--	--	--
	5/6/2009		224.46	7.66	(Sheen)	216.80	--	--	--	--	--	--	--	--	--	--
	8/26/2009		224.46	13.04	(Sheen)	211.42	--	--	--	--	--	--	--	--	--	--
	12/17/2009	(m)	224.46	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/16/2010		224.46	7.52	0.00	216.94	--	--	--	--	--	--	--	--	--	--
	3/17/2010	(Dup)(P)	224.46	--	--	--	3,000	--	--	2.6	1.1	18	18.3	<1.0	--	--
	3/17/2010	(P)	224.46	--	--	--	2,900	--	--	2.6	1.1	19	18.3	<1.0	--	--
	6/18/2010	(Dup)(P)	227.75	8.41	0.00	219.34	2,200	--	--	<1.0	<1.0	8.5	5.5	<1.0	--	--
	6/18/2010	(P)	227.75	8.41	0.00	219.34	2,000	--	--	<1.0	<1.0	9.4	5.4	<1.0	--	--
	9/13/2010	(Dup)(P)	227.75	12.23	0.00	215.52	4,700	--	--	6.9	3.4	88	24	<1.0	--	--
	9/13/2010	(P)	227.75	12.23	0.00	215.52	4,300	--	--	7.2	3.4	100(E)	25	<1.0	--	--
	12/6/2010		227.75	7.82	0.00	219.93	--	--	--	--	--	--	--	--	--	--
	3/3/2011	(Dup) (NP)	227.75	5.74	0.00	222.01	211	--	--	<1.00	<1.00	<1.00	<3	<1.00	--	--
	3/3/2011	(NP)	227.75	5.74	0.00	222.01	205	--	--	<1.00	<1.00	<1.00	<3	<1.00	--	--
	6/29/2011		227.75	9.47	0.00	218.28	--	--	--	--	--	--	--	--	--	--

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OR-04194

240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-1	9/22/2011	(Dup) (LFP)	227.75	13.43	0.00	214.32	2,180	--	--	1.4	<1.0	18.0	<3.0	<1.0	--	--
	9/22/2011	(LFP)	227.75	13.43	0.00	214.32	2,130	--	--	0.76	<1.0	15.0	<3.0	<1.0	--	--
	11/28/2011		227.75	8.35	0.00	219.40	--	--	--	--	--	--	--	--	--	--
	3/20/2012	(Dup) (NM)	227.75	6.16	0.00	221.59	92.3	430	1100	<0.20	<1.0	<1.0	<3.0	<1.0	--	--
	3/20/2012	(NM)	227.75	6.16	0.00	221.59	<50.0	400	870	<0.20	<1.0	<1.0	<3.0	<1.0	--	--
	6/11/2012	(NULL)	227.75	8.52	0.00	219.23	--	--	--	--	--	--	--	--	--	--
	8/7/2012		227.75	11.49	0.00	216.26	--	--	--	--	--	--	--	--	--	--
	8/8/2012	(Dup) (LFP)	227.75	--	--	--	812	1000	890	0.46	<1.0	15.5	<3.0	<1.0	--	--
	8/8/2012	(LFP)	227.75	--	--	--	788	600	440	0.52	<1.0	15.4	<3.0	<1.0	--	--
	11/8/2012		227.75	9.93	0.00	217.82	--	--	--	--	--	--	--	--	--	--
	3/20/2013	(Dup) (LFP)	227.75	4.75	0.00	223.00	<100	420	520	<1.0	<1.0	<1.0	<3.0	<1.0	--	--
	3/20/2013	(LFP)	227.75	4.75	0.00	223.00	<100	<480	610	<1.0	<1.0	<1.0	<3.0	<1.0	--	--
	5/17/2013		227.75	9.86	0.00	217.89	--	--	--	--	--	--	--	--	--	--
	9/26/2013	(LFP)	227.75	11.14	0.00	216.61	855	3300	2100	<1.0	<1.0	24.5	<3.0	<1.0	--	--
MW-2	2/11/2014	(LFP)	227.75	2.75	0.00	225.00	<250	140	280	<5.0	<5.0	<5.0	<5.0	<5.0	--	--
	12/8/1994		224.09	5.63	0.03	218.48	--	--	--	--	--	--	--	--	--	--
	3/15/1995		224.09	5.61	0.07	218.54	--	--	--	--	--	--	--	--	--	--
	5/2/1995		224.09	4.53	0.03	219.58	--	--	--	--	--	--	--	--	--	--
	8/23/1995		224.09	11.35	0.32	213.00	--	--	--	--	--	--	--	--	--	--
	11/14/1995		224.09	5.75	0.03	218.36	--	--	--	--	--	--	--	--	--	--
	2/6/1996		224.09	4.20	0.02	219.91	--	--	--	--	--	--	--	--	--	--

Table 2 - Groundwater Gauging Data and Select Analytical Results

OR-04194

240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-2	2/27/1996		224.09	3.90	0.18	220.33	--	--	--	--	--	--	--	--	--	--
	4/17/1996		224.09	6.02	0.09	218.14	--	--	--	--	--	--	--	--	--	--
	8/15/1996		224.09	10.33	0.16	213.89	--	--	--	--	--	--	--	--	--	--
	8/30/1996		224.09	11.91	0.07	212.24	--	--	--	--	--	--	--	--	--	--
	9/23/1996		224.09	10.95	0.08	213.20	--	--	--	--	--	--	--	--	--	--
	10/11/1996		224.09	12.32	0.10	211.85	--	--	--	--	--	--	--	--	--	--
	10/22/1996		224.09	9.11	0.01	214.99	--	--	--	--	--	--	--	--	--	--
	11/15/1996		224.09	5.17	0.02	218.94	--	--	--	--	--	--	--	--	--	--
	11/27/1996		224.09	5.17	0.02	218.94	--	--	--	--	--	--	--	--	--	--
	2/27/1997		224.09	6.00	0.02	218.11	--	--	--	--	--	--	--	--	--	--
	3/7/1997		224.09	5.26	0.01	218.84	--	--	--	--	--	--	--	--	--	--
	4/7/1997		224.09	6.35	0.05	217.78	--	--	--	--	--	--	--	--	--	--
	5/6/1997	(e)	224.09	6.95	0.05	217.18	--	--	--	--	--	--	--	--	--	--
	6/5/1997		224.09	7.17	0.01	216.93	--	--	--	--	--	--	--	--	--	--
	7/7/1997		224.09	8.72	0.01	215.38	--	--	--	--	--	--	--	--	--	--
	8/4/1997		224.09	10.47	0.02	213.64	--	--	--	--	--	--	--	--	--	--
	9/8/1997		224.09	11.23	0.02	212.88	--	--	--	--	--	--	--	--	--	--
	11/14/1997		224.09	7.55	0.00	216.54	--	--	--	1,200	120	3,300	4,900	--	--	--
	3/4/1998		224.09	5.05	0.00	219.04	--	--	--	--	--	--	--	--	--	--
	6/4/1998	(g)	224.09	5.93	--	218.16	--	--	--	--	--	--	--	--	--	--
	9/14/1998		224.09	10.05	0.10	214.12	--	--	--	--	--	--	--	--	--	--
	12/16/1998		224.09	5.47	0.02	218.64	--	--	--	--	--	--	--	--	--	--
	3/8/1999		224.09	4.93	0.09	219.23	--	--	--	--	--	--	--	--	--	--

Table 2 - Groundwater Gauging Data and Select Analytical Results

OR-04194

240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-2	6/1/1999		224.09	8.61	0.02	215.50	--	--	--	--	--	--	--	--	--	--
	6/25/1999		224.09	9.06	0.02	215.05	--	--	--	--	--	--	--	--	--	--
	8/11/1999		224.09	10.56	0.02	213.55	--	--	--	--	--	--	--	--	--	--
	12/8/1999		224.09	5.45	0.01	218.65	--	--	--	--	--	--	--	--	--	--
	5/24/2000		224.09	8.69	0.02	215.42	--	--	--	--	--	--	--	--	--	--
	7/18/2000		224.09	10.35	0.00	213.74	--	--	--	--	--	--	--	--	--	--
	11/21/2000		224.09	12.75	(Trace)	211.34	--	--	--	--	--	--	--	--	--	--
	2/21/2001		224.09	9.25	0.00	214.84	--	--	--	--	--	--	--	--	--	--
	5/21/2001		224.09	9.07	(Trace)	215.02	--	--	--	--	--	--	--	--	--	--
	8/22/2001		224.09	12.62	(Trace)	211.47	--	--	--	--	--	--	--	--	--	--
	11/19/2001		224.09	8.33	0.03	215.78	--	--	--	--	--	--	--	--	--	--
	7/31/2003		224.09	12.65	0.15	211.56	--	--	--	--	--	--	--	--	--	--
	8/14/2003		--	--	--	--	--	--	--	<10.0	<10.0	366	398	<10.0	--	--
	10/22/2003		224.09	7.26	(Trace)	216.83	--	--	--	14.9	<5.00	307	301.6	<5.00	--	--
	1/15/2004		224.09	4.37	0.00	219.72	--	--	--	12.5	5.75	459	499.95	<5.00	--	--
	4/15/2004		224.09	4.94	(Trace)	219.15	--	--	--	98.8	47.2	1,730	2,165	<10.0	--	--
	7/22/2004		224.09	7.84	(Trace)	216.25	--	--	--	<10.0	<10.0	592	511	<10.0	--	--
	10/14/2004		224.09	7.00	(Trace)	217.09	--	--	--	13.9	<10.0	918	782.5	<10.0	--	--
	1/26/2005		224.09	5.99	(Trace)	218.10	25,300	--	--	39.4	28.1	1,390	1,635.6	<10.0	--	--
	4/14/2005		224.09	5.43	(Trace)	218.66	12,100	--	--	12.1	<10.0	899	659.2	<10.0	--	--
	7/14/2005		224.09	8.63	0.00	215.46	28,200	--	--	84.2	22.3	1,240	957.7	<10.0	--	--
	11/2/2005		224.09	8.78	0.02	215.33	20,900	--	--	812	133	2,470	2,094	<20.0	--	--
	2/7/2006		224.09	5.01	0.00	219.08	20,400	--	--	783	94.4	1,580	1,292	<20.0	--	--

Table 2 - Groundwater Gauging Data and Select Analytical Results

OR-04194

240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-2	4/28/2006		224.09	6.80	(Trace)	217.29	13,900	--	--	674	84.4	1,570	1,172	<10.0	--	--
	9/5/2006		224.09	13.36	0.21	210.90	21,100	--	--	1,180	142	2,030	1,639	<20.0	--	--
	12/28/2006		224.09	5.10	0.01	219.00	--	--	--	--	--	--	--	--	--	--
	2/15/2007		224.09	6.38	(Trace)	217.71	16,700	--	--	285	80.6	1,850	1,630	--	--	--
	5/17/2007		224.09	7.80	0.06	216.34	--	--	--	--	--	--	--	--	--	--
	9/28/2007		224.09	8.77	0.00	215.32	19,000	--	--	2,710	129	1,080	2,974	<50.0	--	--
	12/4/2007		224.09	5.42	0.01	218.68	--	--	--	--	--	--	--	--	--	--
	2/12/2008		224.09	5.40	0.01	218.70	--	--	--	--	--	--	--	--	--	--
	4/23/2008		224.09	6.16	0.01	217.94	--	--	--	--	--	--	--	--	--	--
	7/16/2008		224.09	9.80	0.05	214.33	--	--	--	--	--	--	--	--	--	--
	10/28/2008		224.09	13.33	0.08	210.82	--	--	--	--	--	--	--	--	--	--
	2/16/2009		224.09	7.72	0.23	216.55	--	--	--	--	--	--	--	--	--	--
	5/7/2009		224.09	6.36	(Sheen)	217.73	--	--	--	--	--	--	--	--	--	--
	8/26/2009		224.09	12.16	0.06	211.98	--	--	--	--	--	--	--	--	--	--
	12/17/2009		224.09	5.65	(Sheen)	218.44	--	--	--	--	--	--	--	--	--	--
	3/16/2010		224.09	5.78	0.00	218.31	--	--	--	--	--	--	--	--	--	--
	3/17/2010	(P)	224.09	--	--	--	17,000	--	--	220	43	1,200	381	<1.0	--	--
	6/18/2010	(P)	227.44	7.34	0.00	220.10	9,500	--	--	1.8	1.2	190	29.3	<1.0	--	--
	9/13/2010	(P)	227.44	11.63	0.00	215.81	17,000	--	--	480	64	1,500	250	<1.0	--	--
	12/6/2010		227.44	6.00	(Sheen)	221.44	--	--	--	--	--	--	--	--	--	--
	3/3/2011	(NP)	227.44	5.43	0.00	222.01	9,990	--	--	87.8	24.1	987	264.9	<10.0	--	--
	6/29/2011		227.44	8.30	(Sheen)	219.14	--	--	--	--	--	--	--	--	--	--
	9/22/2011		227.44	12.64	0.04	214.83	--	--	--	--	--	--	--	--	--	--

Table 2 - Groundwater Gauging Data and Select Analytical Results

OR-04194

240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-2	11/28/2011		227.44	6.65	0.00	220.79	--	--	--	--	--	--	--	--	--	--
	3/20/2012	(LFP)	227.44	5.90	0.00	221.54	612	550	430	62.2	19.7	528	154	<1.0	--	--
	6/11/2012	(NULL)	227.44	7.50	0.00	219.94	--	--	--	--	--	--	--	--	--	--
	8/7/2012	(LFP)	227.44	10.27	0.00	217.17	12,300	910	<380	56.8	24.2	1,090	211	<1.0	--	--
	11/8/2012		227.44	8.37	0.00	219.07	--	--	--	--	--	--	--	--	--	--
	3/20/2013	(f)	227.44	7.44	0.00	220.00	--	--	--	--	--	--	--	--	--	--
	3/21/2013	(LFP, f)	227.44	--	--	--	10,800	2300	<450	44.3	19.4	838	224	<5.0	--	--
	5/17/2013		227.44	8.95	0.00	218.49	--	--	--	--	--	--	--	--	--	--
	9/26/2013	(LFP, f)	227.44	10.83	0.00	216.61	12,500	1100	<420	102	35.8	950	265	<5.0	--	--
	2/12/2014	(LFP)	227.43	6.56	0.00	220.87	9,900	1400	160(J)	39	14	570	100	<10	--	--
MW-3	12/8/1994		223.48	9.12	2.87	216.66	--	--	--	--	--	--	--	--	--	--
	3/15/1995		223.48	7.90	2.48	217.56	--	--	--	--	--	--	--	--	--	--
	5/2/1995		223.48	6.74	3.00	219.14	--	--	--	--	--	--	--	--	--	--
	8/23/1995		223.48	13.63	2.82	212.11	--	--	--	--	--	--	--	--	--	--
	11/14/1995		223.48	8.50	2.34	216.85	--	--	--	--	--	--	--	--	--	--
	2/6/1996		223.48	6.76	2.49	218.71	--	--	--	--	--	--	--	--	--	--
	2/27/1996		223.48	6.38	2.78	219.32	--	--	--	--	--	--	--	--	--	--
	4/17/1996		223.48	7.39	1.92	217.63	--	--	--	--	--	--	--	--	--	--
	8/15/1996		223.48	11.71	0.46	212.14	--	--	--	--	--	--	--	--	--	--
	8/30/1996		223.48	12.64	0.10	210.92	--	--	--	--	--	--	--	--	--	--
	9/23/1996		223.48	11.47	0.12	212.11	--	--	--	--	--	--	--	--	--	--
	10/11/1996		223.48	12.95	0.24	210.72	--	--	--	--	--	--	--	--	--	--
	10/22/1996		223.48	9.86	0.03	213.64	--	--	--	--	--	--	--	--	--	--

Table 2 - Groundwater Gauging Data and Select Analytical Results

OR-04194

240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-3	11/15/1996		223.48	4.94	0.01	218.55	--	--	--	--	--	--	--	--	--	--
	11/27/1996		223.48	4.94	0.01	218.55	--	--	--	--	--	--	--	--	--	--
	2/27/1997		223.48	6.17	0.01	217.32	--	--	--	--	--	--	--	--	--	--
	3/7/1997		223.48	4.36	0.01	219.13	--	--	--	--	--	--	--	--	--	--
	4/7/1997		223.48	6.25	0.50	217.63	--	--	--	--	--	--	--	--	--	--
	5/6/1997	(e)	223.48	7.30	0.01	216.19	--	--	--	460	140	1,300	3,100	--	--	--
	7/7/1997		223.48	9.64	0.01	213.85	--	--	--	--	--	--	--	--	--	--
	8/4/1997	(i)	223.48	11.18	0.00	212.30	--	--	--	2,900	2,100	2,200	9,600	--	--	--
	9/8/1997		223.48	11.96	0.07	211.58	--	--	--	--	--	--	--	--	--	--
	11/14/1997		223.48	9.23	0.00	214.25	--	--	--	3,100	4,300	2,700	12,000	--	--	--
	3/4/1998		223.48	4.63	0.04	218.88	--	--	--	--	--	--	--	--	--	--
	6/4/1998		223.48	5.93	0.11	217.64	--	--	--	--	--	--	--	--	--	--
	9/14/1998		223.48	12.68	0.26	211.01	--	--	--	--	--	--	--	--	--	--
	12/16/1998		223.48	4.99	0.03	218.51	--	--	--	--	--	--	--	--	--	--
	3/8/1999		223.48	4.18	0.03	219.32	--	--	--	--	--	--	--	--	--	--
	6/1/1999		223.48	9.50	0.19	214.13	--	--	--	--	--	--	--	--	--	--
	6/25/1999		223.48	10.61	0.12	212.97	--	--	--	--	--	--	--	--	--	--
	8/11/1999		223.48	11.56	0.02	211.94	--	--	--	--	--	--	--	--	--	--
	12/8/1999		223.48	5.03	0.01	218.46	--	--	--	--	--	--	--	--	--	--
	5/24/2000		223.48	9.31	0.00	214.17	--	--	--	--	--	--	--	--	--	--
	7/18/2000		223.48	10.77	0.07	212.77	--	--	--	--	--	--	--	--	--	--
	11/21/2000		223.48	12.85	(Trace)	210.63	--	--	--	--	--	--	--	--	--	--
	2/21/2001		223.48	10.33	(Trace)	213.15	--	--	--	--	--	--	--	--	--	--

Table 2 - Groundwater Gauging Data and Select Analytical Results

OR-04194

240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-3	5/21/2001		223.48	10.45	(Trace)	213.03	--	--	--	--	--	--	--	--	--	--
	8/22/2001		223.48	13.10	0.01	210.39	--	--	--	--	--	--	--	--	--	--
	11/19/2001		223.48	10.79	0.04	212.72	--	--	--	--	--	--	--	--	--	--
	7/31/2003		223.48	12.09	0.09	211.46	--	--	--	--	--	--	--	--	--	--
	8/14/2003		--	--	--	--	--	--	--	1,260	640	996	2,590	<10.0	--	--
	10/22/2003		223.48	12.43	0.01	211.06	--	--	--	1,260	464	1,160	2,812	<10.0	--	--
	1/15/2004		223.48	4.36	(Trace)	219.12	--	--	--	50.3	11.9	513	271.5	<10.0	--	--
	4/15/2004		223.48	7.42	(Trace)	216.06	--	--	--	366	83.5	716	914.8	<10.0	--	--
	7/22/2004		223.48	11.80	(Trace)	211.68	--	--	--	1,050	542	1,180	4,083	<20.0	--	--
	10/14/2004		223.48	10.95	(Trace)	212.53	--	--	--	1,000	349	1,010	2,324	<20.0	--	--
	1/26/2005		223.48	8.12	0.01	215.37	37,900	--	--	469	229	954	2,351	<20.0	--	--
	4/14/2005		223.48	5.85	0.00	217.63	13,200	--	--	108	30	514	453.2	<5.00	--	--
	7/14/2005		223.48	10.42	(Trace)	213.06	35,400	--	--	84.6	22.4	1,400	1,090.4	<20.0	--	--
	11/2/2005		223.48	9.20	0.01	214.29	35,500	--	--	1,300	762	1,630	4,114	<10.0	--	--
	2/7/2006		223.48	4.04	(Trace)	219.44	18,100	--	--	129	184	922	2,127	<10.0	--	--
	4/28/2006		223.48	7.40	0.01	216.09	21,200	--	--	392	597	1,360	3,739	<10.0	--	--
	9/5/2006		223.48	13.05	0.20	210.59	27,900	--	--	3,740	248	1,430	3,518	<20.0	--	--
	12/28/2006		223.48	4.41	(Trace)	219.07	15,800	--	--	102	100	718	1,509	<5.00	--	--
	2/15/2007		223.48	6.90	0.00	216.58	17,400	--	--	277	220	922	2,040	--	--	--
	5/17/2007		223.48	8.94	0.09	214.61	--	--	--	--	--	--	--	--	--	--
	9/28/2007		223.48	13.01	0.11	210.56	--	--	--	--	--	--	--	--	--	--
	12/4/2007		223.48	5.28	0.01	218.21	--	--	--	--	--	--	--	--	--	--
	2/12/2008		223.48	5.24	(Sheen)	218.24	--	--	--	--	--	--	--	--	--	--

Table 2 - Groundwater Gauging Data and Select Analytical Results

OR-04194

240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-3	4/23/2008		223.48	6.69	(Sheen)	216.79	14,300	--	--	164	84	516	945	<5.00	--	--
	7/16/2008		223.48	11.14	0.09	212.41	--	--	--	--	--	--	--	--	--	--
	10/28/2008		223.48	13.77	0.18	209.85	--	--	--	--	--	--	--	--	--	--
	2/16/2009		223.48	8.51	0.35	215.25	--	--	--	--	--	--	--	--	--	--
	5/14/2009		223.48	6.96	(Sheen)	216.52	--	--	--	--	--	--	--	--	--	--
	8/26/2009		223.48	12.50	0.15	211.10	--	--	--	--	--	--	--	--	--	--
	12/17/2009		223.48	6.07	(Sheen)	217.41	--	--	--	--	--	--	--	--	--	--
	3/16/2010		223.48	6.21	0.00	217.27	--	--	--	--	--	--	--	--	--	--
	3/17/2010	(P)	223.48	--	--	--	17,000	--	--	140	71	480	540	<1.0	--	--
	6/18/2010	(P)	226.84	7.98	0.05	218.90	--	--	--	--	--	--	--	--	--	--
	9/13/2010	(P)	226.84	11.93	0.05	214.95	--	--	--	--	--	--	--	--	--	--
	12/6/2010		226.84	7.78	(Sheen)	219.06	--	--	--	--	--	--	--	--	--	--
	3/3/2011	(NP)	226.84	4.89	0.00	221.95	9,850	--	--	54.6	15.0	281	108.8	<5.00	--	--
	6/29/2011		226.84	9.04	(Sheen)	217.80	--	--	--	--	--	--	--	--	--	--
	9/22/2011		226.84	12.88	0.08	214.02	--	--	--	--	--	--	--	--	--	--
	11/28/2011		226.84	7.60	0.00	219.24	--	--	--	--	--	--	--	--	--	--
	3/20/2012	(LFP, Sheen)	226.84	6.71	0.00	220.13	1,350	530	<380	54.5	13.1	332	80.8	<1.0	--	--
	6/11/2012	(NULL)	226.84	7.81	0.00	219.03	--	--	--	--	--	--	--	--	--	--
	8/7/2012		226.84	11.18	0.01	215.66	--	--	--	--	--	--	--	--	--	--
	8/8/2012	(LFP)	226.84	--	--	--	11,500	1200	440	315	66.0	590	303	<1.0	--	--
	11/8/2012		226.84	9.49	0.00	217.35	--	--	--	--	--	--	--	--	--	--
	3/20/2013	(f)	226.84	7.46	0.00	219.38	--	--	--	--	--	--	--	--	--	--

Table 2 - Groundwater Gauging Data and Select Analytical Results

OR-04194

240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-3	3/21/2013	(LFP, f)	226.84	--	--	--	11,200	3300	<470	161	36.2	477	189	<5.0	--	--
	5/17/2013		226.84	9.58	0.00	217.26	--	--	--	--	--	--	--	--	--	--
	9/26/2013	(LFP, f)	223.84	11.03	0.00	212.81	--	--	--	--	--	--	--	--	--	--
	9/27/2013		--	--	--	--	14,000	1400	<430	348	101	648	461	<5.0	--	--
	2/12/2014	(LFP)	226.84	4.65	0.00	222.19	10,000	1400	300	130	34	390	170	<5.0	--	--
MW-4	12/8/1994		224.24	6.73	0.73	218.09	--	--	--	--	--	--	--	--	--	--
	3/15/1995		224.24	4.68	0.02	219.58	--	--	--	--	--	--	--	--	--	--
	5/2/1995		224.24	4.67	0.05	219.61	--	--	--	--	--	--	--	--	--	--
	8/23/1995		224.24	11.18	0.30	213.30	--	--	--	--	--	--	--	--	--	--
	11/14/1995		224.24	7.24	0.13	217.10	--	--	--	--	--	--	--	--	--	--
	2/6/1996		224.24	1.49	1.48	222.76	--	--	--	--	--	--	--	--	--	--
	2/27/1996		224.24	3.93	0.01	220.32	--	--	--	--	--	--	--	--	--	--
	4/17/1996		224.24	5.94	0.03	218.32	--	--	--	--	--	--	--	--	--	--
	8/15/1996		224.24	10.36	0.08	213.94	--	--	--	--	--	--	--	--	--	--
	8/30/1996		224.24	11.60	0.10	212.72	--	--	--	--	--	--	--	--	--	--
	9/23/1996		224.24	11.06	0.09	213.25	--	--	--	--	--	--	--	--	--	--
	10/11/1996		224.24	12.40	0.15	211.96	--	--	--	--	--	--	--	--	--	--
	10/22/1996		224.24	9.72	0.05	214.56	--	--	--	--	--	--	--	--	--	--
	11/15/1996		224.24	6.19	0.01	218.06	--	--	--	--	--	--	--	--	--	--
	11/27/1996		224.24	6.19	0.01	218.06	--	--	--	--	--	--	--	--	--	--
	2/27/1997		224.24	6.67	0.40	217.89	--	--	--	--	--	--	--	--	--	--
	3/7/1997		224.24	5.15	0.01	219.10	--	--	--	--	--	--	--	--	--	--
	4/7/1997		224.24	5.81	0.01	218.44	--	--	--	--	--	--	--	--	--	--

Table 2 - Groundwater Gauging Data and Select Analytical Results

OR-04194

240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-4	5/6/1997	(e)	224.24	6.75	0.01	217.50	--	--	--	6,200	2,100	1,700	12,000	--	--	--
	7/7/1997		224.24	8.42	0.01	215.83	--	--	--	--	--	--	--	--	--	--
	8/4/1997	(i)	224.24	9.90	0.00	214.34	--	--	--	9,900	3,200	2,100	14,000	--	--	--
	9/8/1997		224.24	11.16	0.02	213.10	--	--	--	--	--	--	--	--	--	--
	11/14/1997		224.24	8.03	0.00	216.21	--	--	--	13,000	4,400	3,200	19,000	--	--	--
	3/4/1998		224.24	4.21	0.00	220.03	--	--	--	4,200	3,300	2,100	11,000	--	--	--
	6/4/1998		224.24	4.73	0.00	219.51	--	--	--	2,700	2,300	1,700	10,000	--	--	--
	9/14/1998		224.24	12.00	0.07	212.30	--	--	--	--	--	--	--	--	--	--
	12/16/1998		224.24	5.10	0.05	219.18	--	--	--	--	--	--	--	--	--	--
	3/8/1999		224.24	3.91	0.03	220.35	--	--	--	--	--	--	--	--	--	--
	6/1/1999		224.24	8.93	0.09	215.38	--	--	--	--	--	--	--	--	--	--
	6/25/1999		224.24	10.06	0.08	214.24	--	--	--	--	--	--	--	--	--	--
	8/11/1999		224.24	11.16	0.07	213.14	--	--	--	--	--	--	--	--	--	--
	12/8/1999		224.24	5.66	0.01	218.59	--	--	--	--	--	--	--	--	--	--
	5/24/2000		224.24	7.62	0.00	216.62	--	--	--	--	--	--	--	--	--	--
	7/18/2000		224.24	9.99	0.01	214.26	--	--	--	--	--	--	--	--	--	--
	11/21/2000		224.24	11.98	(Trace)	212.26	--	--	--	--	--	--	--	--	--	--
	2/21/2001		224.24	10.03	(Trace)	214.21	--	--	--	--	--	--	--	--	--	--
	5/21/2001		224.24	9.85	(Trace)	214.39	--	--	--	--	--	--	--	--	--	--
	8/22/2001		224.24	13.05	(Trace)	211.19	--	--	--	--	--	--	--	--	--	--
	11/19/2001		224.24	10.55	0.01	213.70	--	--	--	--	--	--	--	--	--	--
	7/31/2003		224.24	12.27	0.00	211.97	--	--	--	6,990	397	1,510	4,494	55	--	--
	10/22/2003		224.24	11.41	0.00	212.83	--	--	--	8,540	1,010	1,340	3,057	<50	--	--

Table 2 - Groundwater Gauging Data and Select Analytical Results

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240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-4	1/15/2004		224.24	4.54	0.00	219.70	--	--	--	1,620	860	1,810	8,510	<50.0	--	--
	4/15/2004		224.24	8.03	0.00	216.21	--	--	--	5,390	1,050	1,720	7,490	<50.0	--	--
	7/22/2004		224.24	10.89	0.00	213.35	--	--	--	3,480	407	1,400	4,095	<20.0	--	--
	1/26/2005		224.24	7.74	(Trace)	216.50	31,000	--	--	4,590	385	1,710	4,678	<50.0	--	--
	4/14/2005		224.24	5.71	(Trace)	218.53	13,000	--	--	972	71.7	828	1,833	<10.0	--	--
	7/14/2005		224.24	9.04	0.00	215.20	25,900	--	--	2,880	200	1,200	2,961	<20.0	--	--
	10/14/2005		224.24	10.55	0.00	213.69	--	--	--	1,780	356	1,990	6,280	<20.0	--	--
	11/2/2005		224.24	9.23	(Trace)	215.01	29,800	--	--	5,560	406	1,840	4,146	<50.0	--	--
	2/7/2006		224.24	4.44	0.00	219.80	14,400	--	--	252	26.2	724	2,647	<20.0	--	--
	4/28/2006		224.24	6.85	0.00	217.39	16,400	--	--	1,640	166	849	2,338	<10.0	--	--
	9/5/2006		224.24	12.01	(Sheen)	212.23	32,200	--	--	4,170	262	1,560	3,892	<50.0	--	--
	12/28/2006		224.24	3.87	0.01	220.38	17,500	--	--	209	112	546	2,223	<10.0	--	--
	2/15/2007		224.24	3.49	0.01	220.76	143	--	--	0.81	<0.500	1.3	6.41	--	--	--
	5/17/2007		224.24	7.74	0.00	216.50	20,400	--	--	1,180	82.5	564	1,947	<10.0	--	--
	9/28/2007		224.24	13.00	0.09	211.31	--	--	--	--	--	--	--	--	--	--
	12/4/2007		224.24	4.54	0.00	219.70	18,700	--	--	57	9.92	55.9	195.7	<2.00	--	--
	2/12/2008		224.24	3.95	0.00	220.29	10,500	--	--	46.7	17.7	226	970.6	<10.0	--	--
	4/23/2008		224.24	5.01	0.00	219.23	16,500	--	--	433	39.5	250	956.3	<10.0	--	--
	7/16/2008		224.24	9.69	0.01	214.56	7,110	--	--	574	25.6	133	743.8	<10.0	--	--
	10/28/2008		224.24	12.65	0.02	211.61	--	--	--	--	--	--	--	--	--	--
	2/16/2009		224.24	7.34	(Sheen)	216.90	--	--	--	--	--	--	--	--	--	--
	5/7/2009		224.24	1.51	(Sheen)	222.73	--	--	--	--	--	--	--	--	--	--
	8/26/2009		224.24	11.10	(Sheen)	213.14	--	--	--	--	--	--	--	--	--	--

Table 2 - Groundwater Gauging Data and Select Analytical Results

OR-04194

240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-4	12/17/2009		224.24	4.80	0.02	219.46	--	--	--	--	--	--	--	--	--	--
	3/16/2010		224.24	5.64	0.00	218.60	--	--	--	--	--	--	--	--	--	--
	3/17/2010	(P)	224.24	--	--	--	7,600	--	--	230	13	140	354	1.4	--	--
	6/18/2010	(P)	227.58	7.49	0.00	220.09	2,600	--	--	47	1.7	17	15.5	<1.0	--	--
	9/13/2010	(P)	227.58	10.94	0.00	216.64	10,000	--	--	1,600	79	290	200	<1.0	--	--
	12/6/2010		227.58	6.60	0.00	220.98	--	--	--	--	--	--	--	--	--	--
	3/3/2011	(NP)	227.58	1.00	0.00	226.58	88.6	--	--	<1.00	<1.00	<1.00	<3	<1.00	--	--
	6/29/2011		227.58	8.64	0.00	218.94	--	--	--	--	--	--	--	--	--	--
	9/22/2011	(LFP)	227.58	12.12	0.00	215.46	4,810	--	--	596	42.9	168	171	<1.0	--	--
	11/28/2011		227.58	7.96	0.00	219.62	--	--	--	--	--	--	--	--	--	--
	3/20/2012	(LFP)	227.58	3.63	0.00	223.95	5,660	360	<380	242	21.7	284	255	<1.0	--	--
	6/11/2012	(NULL)	227.58	6.77	0.00	220.81	--	--	--	--	--	--	--	--	--	--
	8/7/2012		227.58	9.87	0.00	217.71	--	--	--	--	--	--	--	--	--	--
	8/8/2012	(LFP)	227.58	--	--	--	9,410	920	430	611	79.7	828	517	<1.0	--	--
	11/8/2012		227.58	8.73	0.00	218.85	--	--	--	--	--	--	--	--	--	--
	3/20/2013	(LFP)	227.58	7.28	0.00	220.30	9,040	2500	640	751	79.3	731	318	<5.0	--	--
MW-5	5/17/2013		227.58	8.70	0.00	218.88	--	--	--	--	--	--	--	--	--	--
	9/26/2013	(LFP)	227.58	10.62	0.00	216.96	--	--	--	--	--	--	--	--	--	--
	9/27/2013		--	--	--	--	10,900	1200	<430	1,020	139	1,160	685	<5.0	--	--
	2/12/2014	(Dup) (LFP)	227.57	3.56	0.00	224.01	6,800	890	1200	310	44	320	190	<5.0	--	--
	2/12/2014	(LFP)	227.57	3.56	0.00	224.01	6,900	1000	1400	310	43	320	190	<5.0	--	--
	9/12/1995		223.06	11.60	0.00	211.46	--	--	--	98	800	570	2,000	--	--	--

Table 2 - Groundwater Gauging Data and Select Analytical Results

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240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-5	11/14/1995	(d)	223.06	7.68	0.00	215.38	--	--	--	96.4	496	473	922	--	--	--
	2/6/1996		223.06	5.49	0.00	217.57	--	--	--	62.2	394	412	745	--	--	--
	4/17/1996		223.06	7.69	0.00	215.37	--	--	--	129	570(i)	540(i)	1,100(i)	--	--	--
	8/15/1996		223.06	10.87	0.00	212.19	--	--	--	160	680	700	1,400	--	--	--
	11/27/1996		223.06	6.43	0.00	216.63	--	--	--	106	303	411	791	--	--	--
	3/7/1997		223.06	6.48	0.00	216.58	--	--	--	ND	ND	ND	ND	--	--	--
	5/6/1997		223.06	7.99	0.00	215.07	--	--	--	3	3	2	4	--	--	--
	8/4/1997	(i)	223.06	10.77	0.00	212.29	--	--	--	120	230	310	450	--	--	--
	11/14/1997		223.06	9.28	0.00	213.78	--	--	--	110	260	410	650	--	--	--
	3/4/1998		223.06	6.35	0.00	216.71	--	--	--	120	7	550	690	--	--	--
	6/4/1998		223.06	7.42	0.00	215.64	--	--	--	110	190	340	440	--	--	--
	9/14/1998		223.06	11.19	0.00	211.87	--	--	--	53	140	270	370	--	--	--
	12/16/1998		223.06	6.88	0.00	216.18	--	--	--	74	110	280	350	--	--	--
	3/8/1999		223.06	6.13	0.00	216.93	--	--	--	23	68	180	250	--	--	--
	6/1/1999		223.06	9.00	0.00	214.06	--	--	--	38	160	350	480	--	--	--
	8/11/1999		223.06	11.08	0.00	211.98	--	--	--	95	230	410	530	--	--	--
	12/8/1999		223.06	7.25	0.00	215.81	--	--	--	60	87	300	240	--	--	--
	5/24/2000		223.06	8.54	0.00	214.52	--	--	--	14.3	63.8	171	189	--	--	--
	7/18/2000		223.06	10.24	0.00	212.82	--	--	--	26.2	25.6	80.3	101	--	--	--
	11/21/2000		223.06	12.00	0.00	211.06	--	--	--	88.4	107	309	276	--	--	--
	2/21/2001		223.06	9.51	0.00	213.55	--	--	--	11.4	53.8	180	173(j)	ND	--	--
	5/21/2001		223.06	9.35	0.00	213.71	--	--	--	ND	2.67	11.8	9.19	ND	--	--
	8/22/2001		223.06	12.00	0.00	211.06	--	--	--	90.8	120	363	300	--	--	--

Table 2 - Groundwater Gauging Data and Select Analytical Results

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240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-5	11/19/2001		223.06	10.10	0.00	212.96	--	--	--	71	99.5	365	289	--	--	--
	7/31/2003		223.06	11.88	0.14	211.29	--	--	--	--	--	--	--	--	--	--
	8/14/2003		--	--	--	--	--	--	--	10.5	61.2	280	367	<2.00	--	--
	10/22/2003		223.06	11.80	(Trace)	211.26	--	--	--	<5.00	36	461	819	<5.00	--	--
	1/15/2004		223.06	7.26	0.00	215.80	--	--	--	<5.00	9.95	163	229	<5.00	--	--
	4/15/2004		223.06	9.15	(Trace)	213.91	--	--	--	<1.00	<1.00	2.53	<3.00	<1.00	--	--
	7/22/2004		223.06	11.06	0.00	212.00	--	--	--	<5.00	11.4	232	317	<5.00	--	--
	10/14/2004		223.06	10.75	0.00	212.31	--	--	--	<5.00	8.75	223	349	<5.00	--	--
	1/26/2005		223.06	8.58	0.00	214.48	4,880	--	--	<5.00	<5.00	94.4	132	<5.00	--	--
	4/14/2005		223.06	7.33	0.00	215.73	3,430	--	--	<1.00	<1.00	34.8	40.2	<1.00	--	--
	7/14/2005		223.06	10.45	0.00	212.61	4,510	--	--	<2.00	10.3	164	227.7	<2.00	--	--
	11/2/2005		223.06	10.05	0.00	213.01	7,680	--	--	2.24	19.5	147	163	<2.00	--	--
	2/7/2006		223.06	6.17	0.00	216.89	4,290	--	--	<1.00	1.45	39.5	56	<1.00	--	--
	4/28/2006		223.06	8.04	0.00	215.02	3,740	--	--	<1.00	3.61	96.6	109.2	<1.00	--	--
	9/5/2006		223.06	13.97	0.00	209.09	1,410(k)	--	--	<1.00	<1.00	2.36	<3.00	<1.00	--	--
	12/28/2006	(l)	223.06	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/15/2007	(l)	223.06	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/17/2007		223.06	8.87	0.00	214.19	6,550	--	--	<2.00	3.18	184	267	<2.00	--	--
	9/28/2007		223.06	13.71	0.00	209.35	4,600	--	--	<5.00	17.5	157	174	<5.00	--	--
	12/5/2007		223.06	6.68	0.00	216.38	4,020	--	--	<2.00	5.8	58.3	63	<2.00	--	--
	2/13/2008		223.06	6.46	0.00	216.60	2,840	--	--	2.78	9.44	42.4	44.3	<2.00	--	--
	4/22/2008		223.06	7.56	0.00	215.50	3,220	--	--	<5.00	<5.00	28.4	28.8	<2.00	--	--
	7/16/2008		223.06	10.60	0.00	212.46	754	--	--	<1.00	<1.00	<1.00	<3.00	<1.00	--	--

Table 2 - Groundwater Gauging Data and Select Analytical Results

OR-04194

240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-5	10/28/2008		223.06	13.19	0.00	209.87	2,040	--	--	<1.00	<1.00	<1.00	<3.00	<1.00	--	--
	2/16/2009		223.06	8.63	(Sheen)	214.43	--	--	--	--	--	--	--	--	--	--
	5/7/2009		223.06	6.94	(Sheen)	216.12	4,510	--	--	<1.00	<1.00	6.08	7.13	<1.00	--	--
	8/26/2009		223.06	12.14	(Sheen)	210.92	7,750	--	--	<1.00	1.87	22.2	23.58	<1.00	--	--
	12/17/2009		223.06	7.96	0.00	215.10	408	--	--	<1.00	<1.00	<1.00	<3.00	<1.00	--	--
	3/16/2010		223.06	6.76	0.00	216.30	--	--	--	--	--	--	--	--	--	--
	3/17/2010	(P)	223.06	--	--	--	3,700	--	--	<1.0	1.2	6.8	9.7	<1.0	--	--
	6/18/2010	(P)	226.41	7.62	0.00	218.79	910	--	--	<1.0	<1.0	<1.0	<3	<1.0	--	--
	9/13/2010	(P)	226.41	11.42	0.00	214.99	5,000	--	--	2.3	1.5	14	14	<1.0	--	--
	12/6/2010	(NM, I)	226.41	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/3/2011	(NP)	226.41	5.52	0.00	220.89	<80.0	--	--	<1.00	<1.00	<1.00	<3	<1.00	--	--
	6/29/2011		226.41	8.97	0.00	217.44	--	--	--	--	--	--	--	--	--	--
	9/22/2011	(LFP)	226.41	12.56	0.00	213.85	1,270	--	--	0.43	<1.0	1.1	<3.0	<1.0	--	--
	11/28/2011		226.41	7.83	0.00	218.58	--	--	--	--	--	--	--	--	--	--
	3/20/2012	(LFP)	226.41	6.54	0.00	219.87	175	<76	<380	<0.20	<1.0	<1.0	<3.0	<1.0	--	--
	6/11/2012	(NULL)	226.41	6.93	0.00	219.48	--	--	--	--	--	--	--	--	--	--
	8/7/2012	(LFP)	226.41	10.34	0.00	216.07	521	<75	<380	<0.20	<1.0	<1.0	<3.0	<1.0	--	--
	11/8/2012		226.41	8.42	0.00	217.99	--	--	--	--	--	--	--	--	--	--
	3/20/2013		226.41	7.10	0.00	219.31	--	--	--	--	--	--	--	--	--	--
	3/21/2013	(LFP)	226.41	--	--	--	190	<480	<480	<1.0	<1.0	<1.0	<3.0	<1.0	--	--
	5/17/2013		226.41	9.23	0.00	217.18	--	--	--	--	--	--	--	--	--	--
	9/26/2013	(LFP)	226.41	9.73	0.00	216.68	--	--	--	--	--	--	--	--	--	--
	9/27/2013		--	--	--	--	745	<430	<430	<1.0	<1.0	<1.0	<3.0	<1.0	--	--

Table 2 - Groundwater Gauging Data and Select Analytical Results

OR-04194

240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-5	2/11/2014		226.41	6.60	0.00	219.81	--	--	--	--	--	--	--	--	--	--
	2/12/2014	(LFP)	226.41	--	--	--	680	<110	<270	<5.0	<5.0	<5.0	<5.0	<5.0	--	--
MW-6	9/12/1995		223.43	12.07	0.00	211.36	--	--	--	1.7	2	39	13	--	--	--
	11/14/1995	(d)	223.43	8.13	0.00	215.30	--	--	--	ND	ND	19	4	--	--	--
	2/6/1996		223.43	5.90	0.00	217.53	--	--	--	ND	ND	16	7	--	--	--
	4/17/1996		223.43	8.12	0.00	215.31	--	--	--	ND	2	22	13	--	--	--
	8/15/1996		223.43	11.31	0.00	212.12	--	--	--	ND	0.9	22	7.9	--	--	--
	11/27/1996		223.43	6.90	0.00	216.53	--	--	--	32.6	ND	15	4	--	--	--
	3/7/1997		223.43	6.86	0.00	216.57	--	--	--	ND	ND	ND	ND	--	--	--
	5/6/1997		223.43	8.46	0.00	214.97	--	--	--	ND	ND	ND	ND	--	--	--
	8/4/1997	(i)	223.43	11.18	0.00	212.25	--	--	--	ND	ND	15	4	--	--	--
	11/14/1997		223.43	9.64	0.00	213.79	--	--	--	2.7	ND	13	3	--	--	--
	3/4/1998		223.43	6.64	0.00	216.79	--	--	--	3.1	ND	16	3	--	--	--
	6/4/1998		223.43	7.82	0.00	215.61	--	--	--	3.1	1	16	4	--	--	--
	9/14/1998		223.43	11.66	0.00	211.77	--	--	--	ND	ND	10	2	--	--	--
	12/16/1998		223.43	7.26	0.00	216.17	--	--	--	2.8	ND	7	1	--	--	--
	3/8/1999		223.43	6.48	0.00	216.95	--	--	--	ND	ND	16	3	--	--	--
	6/1/1999		223.43	9.41	0.00	214.02	--	--	--	ND	ND	18	3	--	--	--
	8/11/1999		223.43	11.43	0.00	212.00	--	--	--	26	5.6	11	2.5	--	--	--
	12/8/1999		223.43	7.33	0.00	216.10	--	--	--	2.6	ND	5	ND	--	--	--
	5/24/2000		223.43	8.88	0.00	214.55	--	--	--	18.6	6.47	37.5	ND	--	--	--
	7/18/2000		223.43	10.55	0.00	212.88	--	--	--	12.9	2.72	9.63	2.1	--	--	--
	11/21/2000		223.43	12.14	0.00	211.29	--	--	--	9.9	2.07	7.25	1.18	--	--	--

Table 2 - Groundwater Gauging Data and Select Analytical Results

OR-04194

240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-6	2/21/2001		223.43	9.88	0.00	213.55	--	--	--	ND	ND	8.49	ND	ND	--	--
	5/21/2001		223.43	9.78	0.00	213.65	--	--	--	ND	ND	7.18	ND	ND	--	--
	8/22/2001		223.43	12.39	0.00	211.04	--	--	--	4.27	5.28	8.72	3.64	--	--	--
	11/19/2001		223.43	10.35	0.00	213.08	--	--	--	1.63	5.13	6.84	4.02	--	--	--
	7/31/2003		223.43	12.21	0.00	211.22	--	--	--	<1.00	<1.00	2.94	<2.00	<1.00	--	--
	10/22/2003		223.43	12.41	0.00	211.02	--	--	--	7.02	1.96	9.75	11.57	<1.00	--	--
	1/15/2004		223.43	7.17	0.00	216.26	--	--	--	<1.00	<1.00	<1.00	<3.00	<1.00	--	--
	4/15/2004		223.43	8.44	0.00	214.99	--	--	--	<2.00	3.96	92.5	96.1	<2.00	--	--
	7/22/2004		223.43	11.63	0.00	211.80	--	--	--	<1.00	<1.00	<1.00	<3.00	<1.00	--	--
	10/14/2004		223.43	10.48	0.00	212.95	--	--	--	<1.00	<1.00	2.71	<3.00	<1.00	--	--
	1/26/2005		223.43	9.26	0.00	214.17	213	--	--	<1.00	<1.00	<1.00	<3.00	<1.00	--	--
	4/14/2005		223.43	7.82	0.00	215.61	235	--	--	<1.00	<1.00	<1.00	<3.00	<1.00	--	--
	7/14/2005		223.43	11.09	0.00	212.34	1,660	--	--	<1.00	<1.00	1.07	<3.00	<1.00	--	--
	11/2/2005		223.43	10.61	0.00	212.82	1,020	--	--	<1.00	<1.00	<1.00	<3.00	<1.00	--	--
	2/7/2006		223.43	6.45	0.00	216.98	305	--	--	<1.00	<1.00	<1.00	<3.00	<1.00	--	--
	4/28/2006		223.43	8.67	0.00	214.76	512	--	--	<1.00	<1.00	1.05	<3.00	<1.00	--	--
	9/5/2006		223.43	13.52	0.00	209.91	3,420(k)	--	--	1.6	29.6	193	218.1	<1.00	--	--
	12/28/2006		223.43	6.61	(Sheen)	216.82	288	--	--	<1.00	<1.00	<1.00	<3.00	<1.00	--	--
	2/16/2007		223.43	7.08	0.00	216.35	590	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--
	5/17/2007		223.43	9.45	0.00	213.98	1,040	--	--	<1.00	<1.00	<1.00	<2.00	<1.00	--	--
	9/28/2007		223.43	13.04	0.00	210.39	1,050	--	--	<1.00	<1.00	<1.00	<2.00	<1.00	--	--
	12/5/2007		223.43	7.25	0.00	216.18	9,560	--	--	<1.00	<1.00	<1.00	<2.00	<1.00	--	--
	2/13/2008		223.43	6.99	0.00	216.44	<800	--	--	<1.00	<1.00	<1.00	<3.00	<1.00	--	--

Table 2 - Groundwater Gauging Data and Select Analytical Results

OR-04194

240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-6	4/22/2008		223.43	8.50	0.00	214.93	900	--	--	<1.00	<1.00	<1.00	<3.00	<1.00	--	--
	7/16/2008		223.43	11.34	0.00	212.09	257	--	--	<1.00	<1.00	<1.00	<3.00	<1.00	--	--
	10/28/2008		223.43	13.81	0.00	209.62	3,650	--	--	<1.00	<1.00	3.31	4.77	<1.00	--	--
	2/16/2009		223.43	9.45	0.00	213.98	423	--	--	<1.00	<1.00	3.31	<3.00	<1.00	--	--
	5/7/2009		223.43	7.99	(Sheen)	215.44	<80.0	--	--	<1.00	<1.00	<1.00	<3.00	<1.00	--	--
	8/26/2009		223.43	12.72	0.00	210.71	1,280	--	--	<1.00	<1.00	<1.00	<3.00	<1.00	--	--
	12/17/2009		223.43	6.84	0.00	216.59	5,120	--	--	<1.00	<1.00	4.52	1.43	<1.00	--	--
	3/16/2010	(P)	223.43	7.59	0.00	215.84	240	--	--	<1.0	<1.0	<1.0	<3	<1.0	--	--
	6/18/2010	(P)	226.83	8.42	0.00	218.41	<50	--	--	<1.0	<1.0	<1.0	<3	<1.0	--	--
	9/13/2010	(P)	226.83	11.63	0.00	215.20	550	--	--	<1.0	<1.0	1.0	<2.0	<1.0	--	--
	12/6/2010		226.83	7.92	0.00	218.91	--	--	--	--	--	--	--	--	--	--
	3/3/2011	(NP)	226.83	6.59	0.00	220.24	<80.0	--	--	<1.00	<1.00	<1.00	<3	<1.00	--	--
	6/29/2011		226.83	9.66	0.00	217.17	--	--	--	--	--	--	--	--	--	--
	9/22/2011	(LFP)	226.83	12.98	0.00	213.85	506	--	--	0.62	<1.0	1.1	<3.0	<1.0	--	--
	11/28/2011		226.83	8.86	0.00	217.97	--	--	--	--	--	--	--	--	--	--
	3/20/2012	(LFP)	226.83	6.29	0.00	220.54	<50.0	<77	<380	<0.20	<1.0	<1.0	<3.0	<1.0	--	--
	6/11/2012	(NULL)	226.83	8.58	0.00	218.25	--	--	--	--	--	--	--	--	--	--
	8/7/2012	(LFP)	226.83	11.27	0.00	215.56	<50.0	140	1200	<0.20	<1.0	<1.0	<3.0	<1.0	--	--
	11/8/2012		226.83	9.85	0.00	216.98	--	--	--	--	--	--	--	--	--	--
	3/20/2013		226.83	8.36	0.00	218.47	--	--	--	--	--	--	--	--	--	--
	3/21/2013	(LFP)	226.83	--	--	--	<100	<430	<430	<1.0	<1.0	<1.0	<3.0	<1.0	--	--
	5/17/2013		226.83	9.92	0.00	216.91	--	--	--	--	--	--	--	--	--	--
	9/26/2013	(LFP)	226.83	10.82	0.00	216.01	--	--	--	--	--	--	--	--	--	--

Table 2 - Groundwater Gauging Data and Select Analytical Results

OR-04194

240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-6	9/27/2013		--	--	--	--	<100	<430	<430	<1.0	<1.0	<1.0	<3.0	<1.0	--	--
	2/11/2014		226.85	7.24	0.00	219.61	--	--	--	--	--	--	--	--	--	--
	2/12/2014	(LFP)	226.85	--	--	--	<250	<110	<270	<5.0	<5.0	<5.0	<5.0	<5.0	--	--
MW-7	9/12/1995		224.36	13.36	0.00	211.00	--	--	--	ND	ND	ND	ND	--	--	--
	11/14/1995	(d)	224.36	8.81	0.00	215.55	--	--	--	ND	ND	ND	ND	--	--	--
	2/6/1996		224.36	6.33	0.00	218.03	--	--	--	ND	ND	ND	ND	--	--	--
	4/17/1996		224.36	9.28	0.00	215.08	--	--	--	ND	ND	ND	ND	--	--	--
	8/15/1996		224.36	12.28	0.00	212.08	--	--	--	ND	ND	ND	ND	--	--	--
	11/27/1996		224.36	7.36	0.00	217.00	--	--	--	ND	ND	ND	ND	--	--	--
	3/7/1997		224.36	7.78	0.00	216.58	--	--	--	--	--	--	--	--	--	--
	5/6/1997		224.36	9.26	0.00	215.10	--	--	--	ND	ND	ND	ND	--	--	--
	8/4/1997	(i)	224.36	12.18	0.00	212.18	--	--	--	ND	ND	ND	ND	--	--	--
	11/14/1997		224.36	10.46	0.00	213.90	--	--	--	ND	ND	ND	ND	--	--	--
MW-8	3/4/1998		224.36	7.39	0.00	216.97	--	--	--	ND	ND	ND	ND	--	--	--
	6/4/1998	(h)	224.36	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/12/1995		222.81	11.86	0.00	210.95	--	--	--	468	11	9	5	--	--	--
	11/14/1995		222.81	7.07	0.00	215.74	--	--	--	500	16	14	3	--	--	--
	2/6/1996		222.81	4.23	0.00	218.58	--	--	--	140	3	2	ND	--	--	--
	4/17/1996		222.81	6.95	0.00	215.86	--	--	--	50.4	ND	1	ND	--	--	--
	8/15/1996		222.81	10.86	0.00	211.95	--	--	--	160	5.4	8.9	2	--	--	--
	11/27/1996		222.81	5.64	0.00	217.17	--	--	--	570	33	21	7	--	--	--
	3/7/1997		222.81	5.65	0.00	217.16	--	--	--	ND	ND	ND	ND	--	--	--
	5/6/1997		222.81	7.37	0.00	215.44	--	--	--	ND	ND	ND	ND	--	--	--

Table 2 - Groundwater Gauging Data and Select Analytical Results

OR-04194

240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-8	8/4/1997	(i)	222.81	10.79	0.00	212.02	--	--	--	140	4	6	1	--	--	--
	11/14/1997		222.81	8.90	0.00	213.91	--	--	--	300	9	8	2	--	--	--
	3/4/1998		222.81	5.39	0.00	217.42	--	--	--	60	2	1	1	--	--	--
	6/4/1998	(h)	222.81	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/14/1998		222.81	11.52	0.00	211.29	--	--	--	560	33	75	32	--	--	--
	12/16/1998		222.81	6.18	0.00	216.63	--	--	--	1,400	98	140	29	--	--	--
	3/8/1999		222.81	5.45	0.00	217.36	--	--	--	460	20	35	7	--	--	--
	6/1/1999		222.81	8.52	0.00	214.29	--	--	--	130	2	3	1	--	--	--
	8/11/1999		222.81	11.01	0.00	211.80	--	--	--	540	41	57	50	--	--	--
	12/8/1999		222.81	6.19	0.00	216.62	--	--	--	650	27	42	9	--	--	--
	5/24/2000		222.81	7.97	0.00	214.84	--	--	--	52.2	1.21	0.58	ND	--	--	--
	7/18/2000		222.81	10.00	0.00	212.81	--	--	--	12.2	1.07	1.08	ND	--	--	--
	11/21/2000		222.81	11.48	0.00	211.33	--	--	--	919	68.1	143	47.5	--	--	--
	2/21/2001		222.81	8.98	0.00	213.83	--	--	--	133	8.44	16.9	2.01	ND	--	--
	5/21/2001		222.81	8.94	0.00	213.87	--	--	--	451	36.2	62.2	ND	ND	--	--
	8/22/2001		222.81	12.06	0.00	210.75	--	--	--	946	66.6	127	41	--	--	--
	11/19/2001		222.81	9.68	0.00	213.13	--	--	--	346	21.2	40.9	10.4	--	--	--
	7/31/2003		222.81	11.54	0.00	211.27	--	--	--	278	15.4	35.6	<2.00	<2.00	--	--
	10/22/2003		222.81	12.08	0.00	210.73	--	--	--	85.7	5.37	25.6	16.56	<1.00	--	--
	1/15/2004		222.81	6.07	0.00	216.74	--	--	--	364	56	42.9	12	<2.00	--	--
	4/15/2004		222.81	7.83	0.00	214.98	--	--	--	31.9	1.25	<1.00	<3.00	<1.00	--	--
	7/22/2004		222.81	11.32	0.00	211.49	--	--	--	231	12.9	22.6	<6.00	<2.00	--	--
	10/14/2004		222.81	11.13	0.00	211.68	--	--	--	211	12.9	32.6	<6.00	<2.00	--	--

Table 2 - Groundwater Gauging Data and Select Analytical Results

OR-04194

240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-8	1/26/2005		222.81	8.27	0.00	214.54	619	--	--	222	29.6	26.9	9	<2.00	--	--
	4/14/2005		222.81	6.85	0.00	215.96	<80.0	--	--	1.16	<1.00	<1.00	<3.00	<1.00	--	--
	7/14/2005		222.81	10.02	0.00	212.79	718	--	--	169	20.2	15.5	8.18	<1.00	--	--
	11/2/2005		222.81	9.63	0.00	213.18	1,010	--	--	174	14.2	42.6	8.3	<1.00	--	--
	2/7/2006		222.81	5.42	0.00	217.39	1,040	--	--	286	45.1	43.6	12.8	<2.00	--	--
	4/28/2006		222.81	6.83	0.00	215.98	357	--	--	95	9.56	4.93	4.92	<1.00	--	--
	9/5/2006		222.81	12.81	0.00	210.00	1,400	--	--	319	18.1	33.8	9.48	<2.00	--	--
	12/28/2006		222.81	5.35	(Sheen)	217.46	1,030	--	--	235	44	53.4	17.9	<2.00	--	--
	2/15/2007		222.81	6.93	0.00	215.88	322	--	--	81	10.3	6.21	5.56	--	--	--
	2/15/2007	(Dup)	222.81	6.93	0.00	215.88	345	--	--	81.6	10.5	6.48	5.9	--	--	--
	5/17/2007		222.81	8.53	0.00	214.28	216	--	--	42	3.56	2.01	3.79	<1.00	--	--
	9/28/2007		222.81	12.35	0.00	210.46	1,390	--	--	341	29	40.5	12.1	<5.00	--	--
	12/5/2007		222.81	5.91	0.00	216.90	769	--	--	162	23.5	44.2	11	<5.00	--	--
	2/13/2008		222.81	6.02	0.00	216.79	409	--	--	90.4	14.8	12	<15.0	<5.00	--	--
	4/22/2008		222.81	7.24	0.00	215.57	236	--	--	52.9	6.68	3.04	4.28	<2.00	--	--
	7/16/2008		222.81	10.79	0.00	212.02	<80.0	--	--	<1.00	<1.00	<1.00	<3.00	<1.00	--	--
	10/28/2008		222.81	13.40	0.00	209.41	508	--	--	13.6	<1.00	<1.00	<3.00	<1.00	--	--
	2/16/2009		222.81	8.21	0.00	214.60	357	--	--	76.5	13.2	17.3	5.13	<1.00	--	--
	5/7/2009		222.81	6.79	0.00	216.02	122	--	--	27.6	4.32	1.45	2.25	<1.00	--	--
	8/26/2009		222.81	12.15	0.00	210.66	341	--	--	63.4	7.79	3	3.81	<1.00	--	--
	12/17/2009		222.81	6.04	0.00	216.77	<80.0	--	--	<1.00	<1.00	<1.00	<3.00	<1.00	--	--
	3/16/2010	(P)	222.81	6.50	0.00	216.31	70	--	--	15	1.7	3.9	<3	<1.0	--	--
	6/18/2010	(P)	226.17	7.76	0.00	218.41	<50	--	--	<1.0	<1.0	<1.0	<3	<1.0	--	--

Table 2 - Groundwater Gauging Data and Select Analytical Results

OR-04194

240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-8	9/13/2010	(P)	226.17	11.50	0.00	214.67	<50	--	--	<1.0	<1.0	<1.0	<2.0	<1.0	--	--
	12/6/2010		226.17	6.90	0.00	219.27	--	--	--	--	--	--	--	--	--	--
	3/3/2011	(NP)	226.17	5.00	0.00	221.17	<80.0	--	--	<1.00	<1.00	<1.00	<3	<1.00	--	--
	6/29/2011		226.17	8.69	0.00	217.48	--	--	--	--	--	--	--	--	--	--
	9/22/2011	(LFP)	226.17	12.33	0.00	213.84	<50.0	--	--	<0.20	<1.0	<1.0	<3.0	<1.0	--	--
	11/28/2011		226.17	6.94	0.00	219.23	--	--	--	--	--	--	--	--	--	--
	3/20/2012	(LFP)	226.17	4.13	0.00	222.04	<50.0	<76	<380	<0.20	<1.0	<1.0	<3.0	<1.0	--	--
	6/11/2012	(NULL)	226.17	7.79	0.00	218.38	--	--	--	--	--	--	--	--	--	--
	8/7/2012	(LFP)	226.17	10.66	0.00	215.51	<50.0	<76	<380	<0.20	<1.0	<1.0	<3.0	<1.0	--	--
	11/8/2012		226.17	9.09	0.00	217.08	--	--	--	--	--	--	--	--	--	--
	3/20/2013		226.17	3.19	0.00	222.98	--	--	--	--	--	--	--	--	--	--
	3/21/2013	(LFP)	226.17	--	--	--	<100	<450	<450	<1.0	<1.0	<1.0	<3.0	<1.0	--	--
	5/17/2013		226.17	9.03	0.00	217.14	--	--	--	--	--	--	--	--	--	--
	9/26/2013	(LFP)	226.17	10.59	0.00	215.58	<100	<430	<430	<1.0	<1.0	<1.0	<3.0	<1.0	--	--
MW-9	2/11/2014		226.16	1.85	0.00	224.31	--	--	--	--	--	--	--	--	--	--
	2/12/2014	(LFP)	226.16	--	--	--	<250	<100	<260	<5.0	<5.0	<5.0	<5.0	<5.0	--	--
	8/7/2012	(NE)	--	11.78	0.00	--	--	--	--	--	--	--	--	--	--	--
	8/8/2012	(LFP)	--	--	--	--	<50.0	120	550	<0.20	<1.0	<1.0	<3.0	<1.0	<10.0	<10.0
	11/8/2012		--	10.50	0.00	--	--	--	--	--	--	--	--	--	--	--
	3/20/2013	(LFP)	228.44	8.89	0.00	219.55	<100	<470	<470	<1.0	<1.0	<1.0	<3.0	<1.0	<0.10	<0.10
	5/17/2013		228.44	10.38	0.00	218.06	--	--	--	--	--	--	--	--	--	--
	9/26/2013	(LFP)	228.44	11.78	0.00	216.66	<100	<430	<430	<1.0	<1.0	<1.0	<3.0	<1.0	<10.0	<10.0
	2/11/2014	(LFP)	227.90	7.55	0.00	220.35	<250	36(J)	<250	<5.0	<5.0	<5.0	<5.0	<5.0	<15.0	--

Table 2 - Groundwater Gauging Data and Select Analytical Results

OR-04194

240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-10	8/7/2012	(LFP, NE)	--	10.42	0.00	--	2,460	290	<380	1.5	4.6	114	35.2	<1.0	<10.0	<10.0
	3/20/2013	(LFP)	226.48	7.81	0.00	218.67	444	<450	<450	<1.0	<1.0	4.0	<3.0	<1.0	0.31	0.31
	9/26/2013	(LFP)	226.48	10.33	0.00	216.15	--	--	--	--	--	--	--	--	--	--
	9/27/2013		--	--	--	--	1,960	<420	<420	<1.0	1.8	101	10.0	<1.0	<10.0	<10.0
	2/11/2014		225.67	6.73	0.00	218.94	--	--	--	--	--	--	--	--	--	--
	2/12/2014	(LFP)	225.67	--	--	--	1,200	160	<240	4.0(J)	7.4	74	9.0	<5.0	<15.0	--
	8/7/2012	(LFP, NE)	--	11.41	0.00	--	30,600	1100	<380	640	406	1,360	4,270	<1.0	<10.0	<10.0
MW-11	11/8/2012		--	10.18	0.00	--	--	--	--	--	--	--	--	--	--	--
	3/20/2013	(LFP)	228.17	8.11	0.00	220.06	12,200	2300	<450	44.7	25.9	641	675	<10.0	1.4	1.4
	5/17/2013		228.17	9.97	0.00	218.20	--	--	--	--	--	--	--	--	--	--
	9/26/2013	(LFP)	228.17	11.64	0.00	216.53	18,800	1100	<400	59.8	46.8	758	1,640	<10.0	<10.0	<10.0
	2/11/2014		227.83	8.38	0.00	219.45	--	--	--	--	--	--	--	--	--	--
	2/12/2014	(LFP)	227.83	--	--	--	9,300	780	140(J)	37	17	430	490	<5.0	<15.0	--
	8/7/2012	(LFP, NE)	--	10.91	0.00	--	20,100	770	<380	15.3	124	2,150	1,480	<1.0	19.8	19.8
MW-12	11/8/2012		--	9.10	0.00	--	--	--	--	--	--	--	--	--	--	--
	3/20/2013	(LFP)	227.66	5.30	0.00	222.36	823	<420	<420	<1.0	<1.0	4.3	<3.0	<1.0	1.5	1.5
	5/17/2013		227.66	8.91	0.00	218.75	--	--	--	--	--	--	--	--	--	--
	9/26/2013	(Dup) (LFP)	227.66	10.12	0.00	217.54	9,240	950	<450	<1.0	<1.0	660	24.3	<1.0	--	--
	9/26/2013	(LFP)	227.66	10.12	0.00	217.54	9,480	880	<450	<1.0	<1.0	572	27.4	<1.0	<10.0	<10.0
	2/11/2014		227.15	3.30	0.00	223.85	--	--	--	--	--	--	--	--	--	--
	2/12/2014	(LFP)	227.15	--	--	--	340	60(J)	<250	<5.0	<5.0	1.8(J)	<5.0	<5.0	<15.0	--

Table 2 - Groundwater Gauging Data and Select Analytical Results

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240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Well	Date	Notes	TOC	DTW	NAPL	GWE	GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Total Lead	Dissolved Lead
MW-13	2/12/2014	(LFP)	228.29	7.84	0.00	220.45	<250	47(J)	<280	<5.0	<5.0	<5.0	<5.0	<5.0	35.8	-

Notes

TOC = Top of Casing
 All wells were re-surveyed on February 24, 2014
 DTW = Depth to water
 NAPL = Non-aqueous phase liquid
 GWE = Groundwater elevation. GWE corrected if NAPL present: Corrected GWE = TOC - DTW + (NAPL Thickness x 0.80)
 TOC/DTW/NAPL/GWE measurements are in feet (ft)
 Horizontal datum referenced to NAD 83/96 and vertical datum referenced to NAVD 88
 Dup = Duplicate sample
 P = Bailer purge and sample
 NP = No purge sample
 LFP = Low flow purge and sample
 NM = Not measured
 ND = Not detected
 -- = Not measured, not sampled, or not applicable
 Trace = Sheen = Non-aqueous phase liquid hydrocarbons observed at <0.01 ft thickness
 GRO = Total petroleum hydrocarbons - gasoline range organics analysis by Northwest Method NWTPH-Gx
 DRO = Total petroleum hydrocarbons - diesel range organics analysis by Northwest Method NWTPH-Dx
 HO = Total petroleum hydrocarbons - heavy oil range organics analysis by Northwest Method NWTPH-Dx
 MTBE = Methyl tertiary butyl ether
 BTEX = Benzene, toluene, ethylbenzene, and total xylenes
 BTEX and MTBE analyses by United States Environmental Protection Agency (USEPA) Method 8021B or 8260B

Table 2 - Groundwater Gauging Data and Select Analytical Results

OR-04194

240 NW 4th Street, Corvallis, OR

All analytical results are presented in micrograms per liter (µg/L)

Total xylenes, if a value is not provided by the laboratory, is calculated by the summation of the detected concentrations or method detection limits of m-, p- and o-xylenes, or by the sum of the detected concentration of either m- and p- or o-xylene and half the method detection limit of the xylene component not detected in the sample. Reporting of significant figures may be affected by this calculation.

E = Laboratory qualifier: Results exceeded calibration range.

J = Laboratory qualifier: Estimated result below the limit of quantitation, but above the method detection limit.

(d) = Field equipment indicated approximately 0.01 foot of product. Product was not observed, and groundwater samples were collected. Laboratory analytical results indicated non-detectable to low concentrations of BTEX (<2,000 mg/L total BTEX).

(e) = Depth to water may be influenced by floating product.

(f) = Product layer was too thin to be detected by probe, but product was observable on probe.

(g) = Product was encountered during well purging; product thickness is unknown.

(h) = Monitoring wells MW-7 and MW-8 were not sampled because of construction and demolition on the site on June 4, 1998.

(i) = August 4, 1997 samples for BTEX were analyzed past the recommended holding times.

(j) = Suspect lab contamination of naphthalene detected at 4.18 µg/L in initial laboratory analyses, sample was re-analyzed out of EPA recommended holding time with a non-detection result. Due to previous results that is what has been reported. Both analyses are represented in the 4Q04 report.

(k) = Estimated value; sample result was reported from a vial with headspace.

(l) = Unable to locate well. Well was not gauged or sampled.

(m) = Well inaccessible and was not gauged or sampled.

Table 3 - Groundwater Analyti

OR-04

240 NW 4th Street

All analytical results are presented

Well	Date	Notes	DO (mg/L)	2- Butanone	Chloro- benzene	Chloro- ethane	Cis-1,2- DCE	p- Isopropyl- toluene	1,2- Dibromo- ethane	1,2-DCA	Isopropyl- benzene
MW-1	8/18/1992		--	--	--	--	--	--	ND	3.6	--
	12/8/1994		--	--	--	--	--	--	ND	ND	--
	3/15/1995		--	--	--	--	--	--	--	--	--
	3/16/1995		--	--	--	--	--	--	--	--	--
	5/2/1995		--	--	--	--	--	--	--	--	--
	8/23/1995		--	--	--	--	--	--	--	--	--
	11/14/1995		--	--	--	--	--	--	--	--	--
	2/6/1996		--	--	--	--	--	--	--	--	--
	4/17/1996		--	--	--	--	--	--	--	--	--
	8/15/1996		--	--	--	--	--	--	--	--	--
	11/27/1996		--	--	--	--	--	--	--	--	--
	3/7/1997		0.77	--	--	--	--	--	--	--	--
	5/6/1997		2.14	--	--	--	--	--	--	--	--
	8/4/1997		--	--	--	--	--	--	--	--	--
	9/8/1997		--	--	--	--	--	--	--	--	--
	11/14/1997		--	--	--	--	--	--	--	--	--
	3/4/1998	(f)	--	--	--	--	--	--	--	--	--
	6/4/1998		--	--	--	--	--	--	--	--	--
	9/14/1998		--	--	--	--	--	--	--	--	--
	12/16/1998		--	--	--	--	--	--	--	--	--
	3/8/1999		--	--	--	--	--	--	--	--	--
	6/1/1999		2.70	--	--	--	--	--	--	--	--
	6/25/1999		--	--	--	--	--	--	--	--	--
	8/11/1999		--	--	--	--	--	--	--	--	--
	12/8/1999		--	--	--	--	--	--	--	--	--
	5/24/2000		--	--	--	--	--	--	--	--	--
	7/18/2000		--	--	--	--	--	--	--	--	--
	11/21/2000		--	--	--	--	--	--	--	--	--
	2/21/2001		--	--	--	--	--	--	--	--	--
	5/21/2001		--	--	--	--	--	--	--	--	--
	8/22/2001		--	--	--	--	--	--	--	--	--
	11/19/2001		--	--	--	--	--	--	--	--	--
	7/31/2003		--	<50.0	--	<5.00	--	<10.0	<5.00	<5.00	57.9
	10/22/2003		--	<50.0	--	<5.00	--	<10.0	<5.00	<5.00	55.6
	1/15/2004		--	<50.0	--	<5.00	--	10.1	<5.00	<5.00	58
	4/15/2004		--	<50.0	--	<5.00	--	<10.0	<5.00	<5.00	61.4

ical Results for Other VOCs

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t, Corvallis, OR

d in micrograms per liter (µg/L)

pyl- ne	Naph- thalene	N-Butyl- benzene	N-Propyl- benzene	sec-butyl- benzene	Tert- Butyl- benzene	PCE	1,2,4- Trimethyl- benzene	1,3,5- Trimethyl- benzene	Vinyl Chloride
	100	--	--	--	--	--	--	--	--
	54	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	ND	--	--	--	--	--	--	--	--
	ND	--	--	--	--	--	--	--	--
	91	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	160	--	--	--	--	--	--	--	--
	ND	--	--	--	--	--	--	--	--
	ND	--	--	--	--	--	--	--	--
	ND	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--
	140	--	--	--	--	--	--	--	--
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	88	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--
	96.2	57.4	128	12.2	--	--	328	90.4	--
	107	34	129	<5.00	--	--	432	139	--
	77.7	57.1	143	15.6	--	--	471	95.4	--
	97.6	54.7	136	13.8	--	--	369	121	--

Table 3 - Groundwater Analyti

OR-04

240 NW 4th Street

All analytical results are presented

Well	Date	Notes	DO (mg/L)	2- Butanone	Chloro- benzene	Chloro- ethane	Cis-1,2- DCE	p- Isopropyl- toluene	1,2- Dibromo- ethane	1,2-DCA	Isopropyl- benzene
MW-1	7/22/2004		--	<50.0	--	<5.00	--	<10.0	<5.00	<5.00	61
	10/14/2004		--	<50.0	--	<5.00	--	<10.0	<5.00	<5.00	72.2
	1/26/2005		--	<50.0	--	<5.00	--	<10.0	<5.00	<5.00	60.9
	4/14/2005		--	<50.0	--	<5.00	--	<10.0	<5.00	<5.00	20.1
	7/14/2005		--	<50.0	--	<5.00	--	11.5	<5.00	<5.00	63
	11/2/2005		--	<50.0	--	<5.00	--	<10.0	<5.00	<5.00	57.1
	2/7/2006		--	<20.0	--	2.86	--	11.4	<2.00	<2.00	52
	4/28/2006		--	<100	--	<10.0	--	<20.0	<10.0	<10.0	49.8
	9/5/2006		--	<50.0	--	<5.00	--	<10.0	<5.00	<5.00	65.6
	12/28/2006		--	<20.0	--	<2.00	--	7	<2.00	<2.00	48.4
	2/15/2007		--	--	--	--	--	--	--	--	--
	5/17/2007		--	--	--	--	--	--	--	--	--
	9/28/2007		--	<100	--	<10.0	--	<20.0	<10.0	<10.0	84.9
	12/4/2007		--	--	--	--	--	--	--	--	--
	2/12/2008		--	<100	--	<10.0	--	<20.0	<10.0	<10.0	52.2
	4/23/2008		--	<100	--	<10.0	--	<20.0	<10.0	<10.0	55.2
	7/16/2008		--	<100	--	<10.0	--	<20.0	<10.0	<10.0	44.8
	10/28/2008		--	--	--	--	--	--	--	--	--
	2/16/2009		--	--	--	--	--	--	--	--	--
	5/6/2009		--	--	--	--	--	--	--	--	--
	8/26/2009		--	--	--	--	--	--	--	--	--
	12/17/2009	(m)	--	--	--	--	--	--	--	--	--
	3/16/2010		--	--	--	--	--	--	--	--	--
	3/17/2010	(Dup)(P)	--	--	<1.0	<5.0	<1.0	4.7	<1.0	<1.0	3.8
	3/17/2010	(P)	--	--	<1.0	<5.0	<1.0	4.5	<1.0	<1.0	3.8
	6/18/2010	(Dup)(P)	--	--	<1.0	<5.0	<1.0	1.4	<1.0	<1.0	2.9
	6/18/2010	(P)	--	--	<1.0	<5.0	<1.0	1.5	<1.0	<1.0	3.2
	9/13/2010	(Dup)(P)	--	--	<1.0	<5.0	<1.0	4.1	<1.0	<1.0	16
	9/13/2010	(P)	--	--	<1.0	<5.0	<1.0	4.3	<1.0	<1.0	16
	12/6/2010		--	--	--	--	--	--	--	--	--
	3/3/2011	(Dup)(NP)	--	<10.0	<1.00	<1.00	<1.00	<2.00	<1.00	<1.00	<2.00
	3/3/2011	(NP)	--	<10.0	<1.00	<1.00	<1.00	<2.00	<1.00	<1.00	<2.00
	6/29/2011		--	--	--	--	--	--	--	--	--
	9/22/2011	(Dup)(LFP)	--	<5.0	<1.0	<1.0	<1.0	1.7	--	<1.0	4.9
	9/22/2011	(LFP)	4.25	<5.0	<1.0	<1.0	<1.0	1.9	--	<1.0	4.2
	11/28/2011		--	--	--	--	--	--	--	--	--

ical Results for Other VOCs

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t, Corvallis, OR

d in micrograms per liter (µg/L)

pyl- ne	Naph- thalene	N-Butyl- benzene	N-Propyl- benzene	sec-butyl- benzene	Tert- Butyl- benzene	PCE	1,2,4- Trimethyl- benzene	1,3,5- Trimethyl- benzene	Vinyl Chloride
	98.3	61.1	161	13.2	--	--	516	164	--
	153	67.8	197	<5.00	--	--	653	219	--
	82.5	45.9	158	12.8	--	--	440	149	--
	29	44.6	54.8	7.6	--	--	278	78.6	--
	106	74.6	166	16.6	--	--	371	109	--
	93.2	<55.0	137	14	--	--	355	109	--
	44.6	67.4	123	14.8	--	--	242	68.3	--
	70.4	<50.0	110	14.4	--	--	198	62.7	--
	81	50	144	12.2	--	--	245	70.2	--
	55.5	46.7	117	10.1	--	--	272	77.2	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	112	110	218	18.1	--	--	586	161	--
	--	--	--	--	--	--	--	--	--
	59.3	64.5	138	12.7	--	--	446	126	--
	58.9	81.7	146	14.4	--	--	413	118	--
	65.9	<50.0	108	<10.0	--	--	308	79.6	--
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	4.1	<1.0	3.4	1.5	<1.0	<1.0	48	23	<1.0
	4.3	<1.0	3.3	1.5	<1.0	<1.0	47	23	<1.0
	3.1	<1.0	3.9	1.4	<1.0	<1.0	30	14	<1.0
	5.5	<1.0	4.6	1.7	<1.0	<1.0	29	13	<1.0
	14	17	31	4.8	<1.0	<1.0	64	23	<1.0
	13	19	33	4.8	1.0	<1.0	68	26	<1.0
	--	--	--	--	--	--	--	--	--
0	<2.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
0	<2.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	--	--	--	--	--	--	--	--	--
	5.9	11.6	10.7	2.2	<1.0	<1.0	14.7	7.4	<0.20
	4.6	9.2	8.8	1.9	<1.0	<1.0	13.2	6.9	<0.20
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Table 3 - Groundwater Analyti

OR-04

240 NW 4th Street

All analytical results are presented

Well	Date	Notes	DO (mg/L)	2- Butanone	Chloro- benzene	Chloro- ethane	Cis-1,2- DCE	p- Isopropyl- toluene	1,2- Dibromo- ethane	1,2-DCA	Isopropyl- benzene
MW-1	3/20/2012	(Dup)(NM)	--	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/20/2012	(NM)	1.89	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/11/2012	(NULL)	--	--	--	--	--	--	--	--	--
	8/7/2012		--	--	--	--	--	--	--	--	--
	8/8/2012	(LFP)	0.00	<5.0	<1.0	<1.0	<1.0	1.3	<1.0	<1.0	3.0
	11/8/2012		--	--	--	--	--	--	--	--	--
	3/20/2013	(Dup)(LFP)	--	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/20/2013	(LFP)	1.04	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/17/2013		--	--	--	--	--	--	--	--	--
	9/26/2013	(LFP)	0.00	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.5
	2/11/2014	(LFP)	8.04	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MW-2	12/8/1994		--	--	--	--	--	--	--	--	--
	3/15/1995		--	--	--	--	--	--	--	--	--
	5/2/1995		--	--	--	--	--	--	--	--	--
	8/23/1995		--	--	--	--	--	--	--	--	--
	11/14/1995		--	--	--	--	--	--	--	--	--
	2/6/1996		--	--	--	--	--	--	--	--	--
	2/27/1996		--	--	--	--	--	--	--	--	--
	4/17/1996		--	--	--	--	--	--	--	--	--
	8/15/1996		--	--	--	--	--	--	--	--	--
	8/30/1996		--	--	--	--	--	--	--	--	--
	9/23/1996		--	--	--	--	--	--	--	--	--
	10/11/1996		--	--	--	--	--	--	--	--	--
	10/22/1996		--	--	--	--	--	--	--	--	--
	11/15/1996		--	--	--	--	--	--	--	--	--
	11/27/1996		--	--	--	--	--	--	--	--	--
	2/27/1997		--	--	--	--	--	--	--	--	--
	3/7/1997		--	--	--	--	--	--	--	--	--
	4/7/1997		--	--	--	--	--	--	--	--	--
	5/6/1997	(e)	--	--	--	--	--	--	--	--	--
	6/5/1997		--	--	--	--	--	--	--	--	--
	7/7/1997		--	--	--	--	--	--	--	--	--
	8/4/1997		--	--	--	--	--	--	--	--	--
	9/8/1997		--	--	--	--	--	--	--	--	--
	11/14/1997		--	--	--	--	--	--	--	--	--
	3/4/1998		--	--	--	--	--	--	--	--	--

ical Results for Other VOCs

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t, Corvallis, OR

d in micrograms per liter (µg/L)

pyl- ne	Naph- thalene	N-Butyl- benzene	N-Propyl- benzene	sec-butyl- benzene	Tert- Butyl- benzene	PCE	1,2,4- Trimethyl- benzene	1,3,5- Trimethyl- benzene	Vinyl Chloride
	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20
	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20
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	6.4	5.2	8.3	1.7	<1.0	<1.0	4.3	<1.0	<0.20
	--	--	--	--	--	--	--	--	--
	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20
	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20
	--	--	--	--	--	--	--	--	--
	<4.0	3.2	5.9	1.2	<1.0	<1.0	2.0	<1.0	<0.20
	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
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Table 3 - Groundwater Analyti

OR-04

240 NW 4th Street

All analytical results are presented

Well	Date	Notes	DO (mg/L)	2- Butanone	Chloro- benzene	Chloro- ethane	Cis-1,2- DCE	p- Isopropyl- toluene	1,2- Dibromo- ethane	1,2-DCA	Isopropyl- benzene
MW-2	6/4/1998	(g)	--	--	--	--	--	--	--	--	--
	9/14/1998		--	--	--	--	--	--	--	--	--
	12/16/1998		--	--	--	--	--	--	--	--	--
	3/8/1999		--	--	--	--	--	--	--	--	--
	6/1/1999		--	--	--	--	--	--	--	--	--
	6/25/1999		--	--	--	--	--	--	--	--	--
	8/11/1999		--	--	--	--	--	--	--	--	--
	12/8/1999		--	--	--	--	--	--	--	--	--
	5/24/2000		--	--	--	--	--	--	--	--	--
	7/18/2000		--	--	--	--	--	--	--	--	--
	11/21/2000		--	--	--	--	--	--	--	--	--
	2/21/2001		--	--	--	--	--	--	--	--	--
	5/21/2001		--	--	--	--	--	--	--	--	--
	8/22/2001		--	--	--	--	--	--	--	--	--
	11/19/2001		--	--	--	--	--	--	--	--	--
	7/31/2003		--	--	--	--	--	--	--	--	--
	8/14/2003		--	<100	--	<10.0	--	<20.0	<10.0	<10.0	44.6
	10/22/2003		--	<50.0	--	<5.00	--	<10.0	<5.00	<5.00	42.1
	1/15/2004		--	<50.0	--	<5.00	--	<10.0	<5.00	<5.00	30.4
	4/15/2004		--	<100	--	<10.0	--	24.3	<10.0	<10.0	91
	7/22/2004		--	<100	--	<10.0	--	<20.0	<10.0	<10.0	57.9
	10/14/2004		--	<100	--	<10.0	--	<20.0	<10.0	<10.0	65.5
	1/26/2005		--	<100	--	<10.0	--	21.6	<10.0	<10.0	82.1
	4/14/2005		--	<100	--	<10.0	--	<20.0	<10.0	<10.0	57.4
	7/14/2005		--	<100	--	<10.0	--	<20.0	<10.0	<10.0	71.2
	11/2/2005		--	<200	--	<20.0	--	<40.0	<20.0	<20.0	104
	2/7/2006		--	<200	--	<20.0	--	<40.0	<20.0	<20.0	69.4
	4/28/2006		--	<100	--	<10.0	--	<20.0	<10.0	<10.0	69.6
	9/5/2006		--	<200	--	<20.0	--	<40.0	<20.0	<20.0	88.8
	12/28/2006		--	--	--	--	--	--	--	--	--
	2/15/2007		--	--	--	--	--	--	--	--	--
	5/17/2007		--	--	--	--	--	--	--	--	--
	9/28/2007		--	<500	--	<50.0	--	<100	<50.0	<50.0	<100
	12/4/2007		--	--	--	--	--	--	--	--	--
	2/12/2008		--	--	--	--	--	--	--	--	--
	4/23/2008		--	--	--	--	--	--	--	--	--

ical Results for Other VOCs

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t, Corvallis, OR

d in micrograms per liter (µg/L)

pyl- ne	Naph- thalene	N-Butyl- benzene	N-Propyl- benzene	sec-butyl- benzene	Tert- Butyl- benzene	PCE	1,2,4- Trimethyl- benzene	1,3,5- Trimethyl- benzene	Vinyl Chloride
	--	--	--	--	--	--	--	--	--
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	97.7	<50.0	153	<10.0	--	--	924	10.4	--
	82.2	52.1	161	<5.00	--	--	704	10.8	--
	118	<25.0	92.8	<5.00	--	--	609	20.5	--
	436	67.9	230	<10.0	--	--	1,820	190	--
	142	53.5	216	<10.0	--	--	988	10.4	--
	283	<50.0	230	<10.0	--	--	1,350	45.1	--
	320	57.3	210	<10.0	--	--	1,490	150	--
	194	60.1	170	<10.0	--	--	818	45.7	--
	278	62.9	219	<10.0	--	--	1,160	71.6	--
	524	<100	265	<20.0	--	--	1,650	180	--
	354	<100	188	<20.0	--	--	1,140	131	--
	304	<50.0	174	<10.0	--	--	845	105	--
	387	<100	233	<20.0	--	--	1,370	184	--
	--	--	--	--	--	--	--	--	--
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	306	<250	97	<50.0	--	--	1,020	318	--
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Table 3 - Groundwater Analyti

OR-04

240 NW 4th Street

All analytical results are presented

Well	Date	Notes	DO (mg/L)	2- Butanone	Chloro- benzene	Chloro- ethane	Cis-1,2- DCE	p- Isopropyl- toluene	1,2- Dibromo- ethane	1,2-DCA	Isopropyl- benzene
MW-2	7/16/2008		--	--	--	--	--	--	--	--	--
	10/28/2008		--	--	--	--	--	--	--	--	--
	2/16/2009		--	--	--	--	--	--	--	--	--
	5/7/2009		--	--	--	--	--	--	--	--	--
	8/26/2009		--	--	--	--	--	--	--	--	--
	12/17/2009		--	--	--	--	--	--	--	--	--
	3/16/2010		--	--	--	--	--	--	--	--	--
	3/17/2010	(P)	--	--	<1.0	<5.0	<1.0	18	<1.0	<1.0	80
	6/18/2010	(P)	--	--	<1.0	<5.0	<1.0	15	<1.0	<1.0	67
	9/13/2010	(P)	--	--	<1.0	<5.0	<1.0	18	<1.0	<1.0	88
	12/6/2010		--	--	--	--	--	--	--	--	--
	3/3/2011	(NP)	--	<100	<10.0	<10.0	<10.0	<20.0	<10.0	<10.0	73.3
	6/29/2011		--	--	--	--	--	--	--	--	--
	9/22/2011		--	--	--	--	--	--	--	--	--
	11/28/2011		--	--	--	--	--	--	--	--	--
	3/20/2012	(LFP)	0.73	<5.0	<1.0	<1.0	<1.0	10.7	<1.0	<1.0	65.6
	6/11/2012	(NULL)	--	--	--	--	--	--	--	--	--
	8/7/2012	(LFP)	0.01	<5.0	<1.0	<1.0	<1.0	13.6	<1.0	<1.0	86.8
	11/8/2012		--	--	--	--	--	--	--	--	--
	3/20/2013	(f)	--	--	--	--	--	--	--	--	--
	3/21/2013	(LFP, f)	0.00	<25.0	<5.0	<5.0	<5.0	11.1	<5.0	<5.0	74.4
	5/17/2013		--	--	--	--	--	--	--	--	--
	9/26/2013	(LFP, f)	0.00	<25.0	<5.0	<5.0	<5.0	12.0	<5.0	<5.0	79.4
	2/12/2014	(LFP)	0.00	<20	<10	<10	<10	12	<10	<10	71
MW-3	12/8/1994		--	--	--	--	--	--	--	--	--
	3/15/1995		--	--	--	--	--	--	--	--	--
	5/2/1995		--	--	--	--	--	--	--	--	--
	8/23/1995		--	--	--	--	--	--	--	--	--
	11/14/1995		--	--	--	--	--	--	--	--	--
	2/6/1996		--	--	--	--	--	--	--	--	--
	2/27/1996		--	--	--	--	--	--	--	--	--
	4/17/1996		--	--	--	--	--	--	--	--	--
	8/15/1996		--	--	--	--	--	--	--	--	--
	8/30/1996		--	--	--	--	--	--	--	--	--
	9/23/1996		--	--	--	--	--	--	--	--	--
	10/11/1996		--	--	--	--	--	--	--	--	--

d in micrograms per liter ($\mu\text{g/L}$)17

Table 3 - Groundwater Analyti

OR-04

240 NW 4th Street

All analytical results are presented

Well	Date	Notes	DO (mg/L)	2- Butanone	Chloro- benzene	Chloro- ethane	Cis-1,2- DCE	p- Isopropyl- toluene	1,2- Dibromo- ethane	1,2-DCA	Isopropyl benzene
MW-3	10/22/1996		--	--	--	--	--	--	--	--	--
	11/15/1996		--	--	--	--	--	--	--	--	--
	11/27/1996		--	--	--	--	--	--	--	--	--
	2/27/1997		--	--	--	--	--	--	--	--	--
	3/7/1997		--	--	--	--	--	--	--	--	--
	4/7/1997		--	--	--	--	--	--	--	--	--
	5/6/1997	(e)	1.32	--	--	--	--	--	--	--	--
	7/7/1997		--	--	--	--	--	--	--	--	--
	8/4/1997	(i)	0.63	--	--	--	--	--	--	--	--
	9/8/1997		--	--	--	--	--	--	--	--	--
	11/14/1997		--	--	--	--	--	--	--	--	--
	3/4/1998		--	--	--	--	--	--	--	--	--
	6/4/1998		--	--	--	--	--	--	--	--	--
	9/14/1998		--	--	--	--	--	--	--	--	--
	12/16/1998		--	--	--	--	--	--	--	--	--
	3/8/1999		--	--	--	--	--	--	--	--	--
	6/1/1999		--	--	--	--	--	--	--	--	--
	6/25/1999		--	--	--	--	--	--	--	--	--
	8/11/1999		--	--	--	--	--	--	--	--	--
	12/8/1999		--	--	--	--	--	--	--	--	--
	5/24/2000		--	--	--	--	--	--	--	--	--
	7/18/2000		--	--	--	--	--	--	--	--	--
	11/21/2000		--	--	--	--	--	--	--	--	--
	2/21/2001		--	--	--	--	--	--	--	--	--
	5/21/2001		--	--	--	--	--	--	--	--	--
	8/22/2001		--	--	--	--	--	--	--	--	--
	11/19/2001		--	--	--	--	--	--	--	--	--
	7/31/2003		--	--	--	--	--	--	--	--	--
	8/14/2003		--	<100	--	<10.0	--	<20.0	<10.0	<10.0	67.3
	10/22/2003		--	<100	--	<10.0	--	<20.0	<10.0	<10.0	65.9
	1/15/2004		--	<100	--	<10.0	--	<20.0	<10.0	<10.0	73.5
	4/15/2004		--	<100	--	<10.0	--	29.4	<10.0	<10.0	90.7
	7/22/2004		--	<200	--	<20.0	--	<40.0	<20.0	<20.0	84.4
	10/14/2004		--	<200	--	<20.0	--	<40.0	<20.0	<20.0	85.8
	1/26/2005		--	<200	--	<20.0	--	<40.0	<20.0	<20.0	98.6
	4/14/2005		--	<50.0	--	<5.00	--	13	<5.00	<5.00	41.1

ical Results for Other VOCs

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t, Corvallis, OR

d in micrograms per liter (µg/L)

pyl- ne	Naph- thalene	N-Butyl- benzene	N-Propyl- benzene	sec-butyl- benzene	Tert- Butyl- benzene	PCE	1,2,4- Trimethyl- benzene	1,3,5- Trimethyl- benzene	Vinyl Chloride
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
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	970	--	--	--	--	--	--	--	--
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	540	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--
	276	<50.0	183	<10.0	--	--	1,160	333	--
	337	<50.0	176	<10.0	--	--	1,170	328	--
	209	<50.0	233	14.5	--	--	361	107	--
	322	107	270	<10.0	--	--	1,110	361	--
	355	<100	226	<20.0	--	--	2,470	565	--
	409	<100	240	<20.0	--	--	1,350	429	--
	420	134	267	<20.0	--	--	1,630	531	--
	218	50.5	105	<5.00	--	--	370	154	--

Table 3 - Groundwater Analyti

OR-04

240 NW 4th Street

All analytical results are presented

Well	Date	Notes	DO (mg/L)	2- Butanone	Chloro- benzene	Chloro- ethane	Cis-1,2- DCE	p- Isopropyl- toluene	1,2- Dibromo- ethane	1,2-DCA	Isopropyl- benzene
MW-3	7/14/2005		--	<200	--	<20.0	--	<40.0	<20.0	<20.0	83
	11/2/2005		--	<100	--	<10.0	--	55.5	<10.0	<10.0	146
	2/7/2006		--	<50.0	--	<10.0	--	21.7	<10.0	<10.0	76.9
	4/28/2006		--	<100	--	<10.0	--	20.6	<10.0	<10.0	76
	9/5/2006		--	<200	--	<20.0	--	<40.0	<20.0	<20.0	58.4
	12/28/2006		--	<50.0	--	<5.00	--	16.5	<5.00	<5.00	64.6
	2/15/2007		--	--	--	--	--	--	--	--	--
	5/17/2007		--	--	--	--	--	--	--	--	--
	9/28/2007		--	--	--	--	--	--	--	--	--
	12/4/2007		--	--	--	--	--	--	--	--	--
	2/12/2008		--	--	--	--	--	--	--	--	--
	4/23/2008		--	<50.0	--	<5.00	--	26.8	<5.00	<5.00	64.2
	7/16/2008		--	--	--	--	--	--	--	--	--
	10/28/2008		--	--	--	--	--	--	--	--	--
	2/16/2009		--	--	--	--	--	--	--	--	--
	5/14/2009		--	--	--	--	--	--	--	--	--
	8/26/2009		--	--	--	--	--	--	--	--	--
	12/17/2009		--	--	--	--	--	--	--	--	--
	3/16/2010		--	--	--	--	--	--	--	--	--
	3/17/2010	(P)	--	--	<1.0	<5.0	<1.0	20	<1.0	<1.0	54
	6/18/2010	(P)	--	--	--	--	--	--	--	--	--
	9/13/2010	(P)	--	--	--	--	--	--	--	--	--
	12/6/2010		--	--	--	--	--	--	--	--	--
	3/3/2011	(NP)	--	<50.0	<5.00	<5.00	<5.00	16.0	<5.00	<5.00	54.6
	6/29/2011		--	--	--	--	--	--	--	--	--
	9/22/2011		--	--	--	--	--	--	--	--	--
	11/28/2011		--	--	--	--	--	--	--	--	--
	3/20/2012	(LFP, Sheen)	1.02	<5.0	<1.0	<1.0	<1.0	11.8	<1.0	<1.0	57.3
	6/11/2012	(NULL)	--	--	--	--	--	--	--	--	--
	8/7/2012		--	--	--	--	--	--	--	--	--
	8/8/2012	(LFP)	0.00	6.3	<1.0	<1.0	<1.0	17.4	<1.0	<1.0	60.8
	11/8/2012		--	--	--	--	--	--	--	--	--
	3/20/2013	(f)	--	--	--	--	--	--	--	--	--
	3/21/2013	(LFP, f)	0.00	<25.0	<5.0	<5.0	<5.0	13.8	<5.0	<5.0	60.7
	5/17/2013		--	--	--	--	--	--	--	--	--
	9/26/2013	(LFP, f)	--	--	--	--	--	--	--	--	--

ical Results for Other VOCs

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t, Corvallis, OR

d in micrograms per liter (µg/L)

pyl- ene	Naph- thalene	N-Butyl- benzene	N-Propyl- benzene	sec-butyl- benzene	Tert- Butyl- benzene	PCE	1,2,4- Trimethyl- benzene	1,3,5- Trimethyl- benzene	Vinyl Chloride
	435	106	263	<20.0	--	--	1,450	92.2	--
	603	<260	400	<10.0	--	--	1,820	853	--
	390	<100	197	<10.0	--	--	1,070	362	--
	320	76.2	195	<10.0	--	--	1,180	383	--
	291	<100	134	<20.0	--	--	1,200	357	--
	338	<70.0	162	<5.00	--	--	756	296	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	314	126	160	17.8	--	--	694	321	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--
	280	<1.0	95	9.5	<1.0	<1.0	360	150	<1.0
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	251	<25.0	117	8.45	<5.00	<5.00	124	53.2	<5.00
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	235	22.1	159	8.1	<1.0	<1.0	66.0	26.7	<0.20
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	425	33.6	138	9.3	<1.0	<1.0	182	63.3	<0.20
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	315	18.3	134	9.2	<5.0	<5.0	138	53.0	<1.0
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--

Table 3 - Groundwater Analyti

OR-04

240 NW 4th Street

All analytical results are presented

Well	Date	Notes	DO (mg/L)	2- Butanone	Chloro- benzene	Chloro- ethane	Cis-1,2- DCE	p- Isopropyl- toluene	1,2- Dibromo- ethane	1,2-DCA	Isopropyl benzene
MW-3	9/27/2013		0.00	<25.0	<5.0	<5.0	<5.0	12.8	<5.0	<5.0	61.4
	2/12/2014	(LFP)	0.00	9.6(J)	<5.0	<5.0	<5.0	13	<5.0	<5.0	58
MW-4	12/8/1994		--	--	--	--	--	--	--	--	--
	3/15/1995		--	--	--	--	--	--	--	--	--
	5/2/1995		--	--	--	--	--	--	--	--	--
	8/23/1995		--	--	--	--	--	--	--	--	--
	11/14/1995		--	--	--	--	--	--	--	--	--
	2/6/1996		--	--	--	--	--	--	--	--	--
	2/27/1996		--	--	--	--	--	--	--	--	--
	4/17/1996		--	--	--	--	--	--	--	--	--
	8/15/1996		--	--	--	--	--	--	--	--	--
	8/30/1996		--	--	--	--	--	--	--	--	--
	9/23/1996		--	--	--	--	--	--	--	--	--
	10/11/1996		--	--	--	--	--	--	--	--	--
	10/22/1996		--	--	--	--	--	--	--	--	--
	11/15/1996		--	--	--	--	--	--	--	--	--
	11/27/1996		--	--	--	--	--	--	--	--	--
	2/27/1997		--	--	--	--	--	--	--	--	--
	3/7/1997		--	--	--	--	--	--	--	--	--
	4/7/1997		--	--	--	--	--	--	--	--	--
	5/6/1997	(e)	1.40	--	--	--	--	--	--	--	--
	7/7/1997		--	--	--	--	--	--	--	--	--
	8/4/1997	(i)	0.44	--	--	--	--	--	--	--	--
	9/8/1997		--	--	--	--	--	--	--	--	--
	11/14/1997		--	--	--	--	--	--	--	--	--
	3/4/1998		2.40	--	--	--	--	--	--	--	--
	6/4/1998		--	--	--	--	--	--	--	--	--
	9/14/1998		--	--	--	--	--	--	--	--	--
	12/16/1998		--	--	--	--	--	--	--	--	--
	3/8/1999		--	--	--	--	--	--	--	--	--
	6/1/1999		--	--	--	--	--	--	--	--	--
	6/25/1999		--	--	--	--	--	--	--	--	--
	8/11/1999		--	--	--	--	--	--	--	--	--
	12/8/1999		--	--	--	--	--	--	--	--	--
	5/24/2000		--	--	--	--	--	--	--	--	--
	7/18/2000		--	--	--	--	--	--	--	--	--

d in micrograms per liter ($\mu\text{g/L}$)

3/28/2014 1:26:25 PM

Table 3 - Groundwater Analyti

OR-04

240 NW 4th Street

All analytical results are presented

Well	Date	Notes	DO (mg/L)	2- Butanone	Chloro- benzene	Chloro- ethane	Cis-1,2- DCE	p- Isopropyl- toluene	1,2- Dibromo- ethane	1,2-DCA	Isopropyl- benzene
MW-4	11/21/2000		--	--	--	--	--	--	--	--	--
	2/21/2001		--	--	--	--	--	--	--	--	--
	5/21/2001		--	--	--	--	--	--	--	--	--
	8/22/2001		--	--	--	--	--	--	--	--	--
	11/19/2001		--	--	--	--	--	--	--	--	--
	7/31/2003		--	<500	--	<50.0	--	<100	<50.0	<50.0	<100
	10/22/2003		--	<500	--	<50.0	--	<100	<50.0	<50.0	<100
	1/15/2004		--	<500	--	<50.0	--	<100	<50.0	<50.0	130
	4/15/2004		--	<500	--	<50.0	--	<100	<50.0	<50.0	<100
	7/22/2004		--	<200	--	<20.0	--	<40.0	<20.0	<20.0	41.6
	1/26/2005		--	<500	--	<50.0	--	<100	<50.0	<50.0	<100
	4/14/2005		--	<100	--	<10.0	--	<20.0	<10.0	<10.0	<20.0
	7/14/2005		--	<200	--	<20.0	--	<40.0	<20.0	<20.0	45.2
	10/14/2005		--	<200	--	<20.0	--	<40.0	<20.0	<20.0	54.2
	11/2/2005		--	<500	--	<50.0	--	<100	<50.0	<50.0	<100
	2/7/2006		--	<200	--	<20.0	--	<40.0	<20.0	<20.0	<40.0
	4/28/2006		--	<100	--	<10.0	--	<20.0	<10.0	<10.0	37.9
	9/5/2006		--	<500	--	<50.0	--	<100	<50.0	<50.0	<100
	12/28/2006		--	<100	--	<10.0	--	<20.0	<10.0	<10.0	30.5
	2/15/2007		--	--	--	--	--	--	--	--	--
	5/17/2007		--	<100	--	<10.0	--	20.3	<10.0	<10.0	30.4
	9/28/2007		--	--	--	--	--	--	--	--	--
	12/4/2007		--	<20.0	--	<2.00	--	<4.00	<2.00	<2.00	<4.00
	2/12/2008		--	<100	--	<10.0	--	<20.0	<10.0	<10.0	<20.0
	4/23/2008		--	<100	--	<10.0	--	27	<10.0	<10.0	<20.0
	7/16/2008		--	<100	--	<10.0	--	<20.0	<10.0	<10.0	<20.0
	10/28/2008		--	--	--	--	--	--	--	--	--
	2/16/2009		--	--	--	--	--	--	--	--	--
	5/7/2009		--	--	--	--	--	--	--	--	--
	8/26/2009		--	--	--	--	--	--	--	--	--
	12/17/2009		--	--	--	--	--	--	--	--	--
	3/16/2010		--	--	--	--	--	--	--	--	--
	3/17/2010	(P)	--	--	<1.0	<5.0	<1.0	9.9	<1.0	<1.0	11
	6/18/2010	(P)	--	--	<1.0	<5.0	<1.0	4.6	<1.0	<1.0	4.5
	9/13/2010	(P)	--	--	<1.0	<5.0	<1.0	11	<1.0	<1.0	11
	12/6/2010		--	--	--	--	--	--	--	--	--

ical Results for Other VOCs

194

t, Corvallis, OR

d in micrograms per liter (µg/L)

pyl- ne	Naph- thalene	N-Butyl- benzene	N-Propyl- benzene	sec-butyl- benzene	Tert- Butyl- benzene	PCE	1,2,4- Trimethyl- benzene	1,3,5- Trimethyl- benzene	Vinyl Chloride
	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	434	<250	186	<50.0	--	--	1,700	476	--
	192	<250	104	<50.0	--	--	838	256	--
	607	<250	386	<50.0	--	--	3,000	908	--
	1,050	<250	246	<50.0	--	--	2,360	650	--
	208	<100	110	<20.0	--	--	1,110	309	--
	348	<250	135	<50.0	--	--	1,230	373	--
	175	<50.0	31	<10.0	--	--	432	122	--
	376	<100	122	<20.0	--	--	1,130	329	--
	483	<100	140	<20.0	--	--	1,470	407	--
	304	<250	148	<50.0	--	--	1,180	338	--
	241	<100	65	<20.0	--	--	865	251	--
	251	<50.0	81.9	615	--	--	758	232	--
	333	<250	164	<50.0	--	--	1,420	426	--
	226	<60.0	58.5	<10.0	--	--	1,010	308	--
	--	--	--	--	--	--	--	--	--
	174	<50.0	57.6	<10.0	--	--	939	318	--
	--	--	--	--	--	--	--	--	--
	11	<10.0	5.3	<2.00	--	--	74.2	25.5	--
	51.1	<50.0	27.4	<10.0	--	--	514	227	--
	84.6	<50.0	36.5	<10.0	--	--	515	234	--
	50.6	<50.0	12.8	<10.0	--	--	338	140	--
	--	--	--	--	--	--	--	--	--
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	52	<1.0	20	2.6	<1.0	<1.0	200	110	<1.0
	26	<1.0	7.7	1.6	<1.0	<1.0	10	11	<1.0
	100	31	21	3.9	<1.0	<1.0	140	110	<1.0
	--	--	--	--	--	--	--	--	--

Table 3 - Groundwater Analyti

OR-04

240 NW 4th Street

All analytical results are presented

Well	Date	Notes	DO (mg/L)	2- Butanone	Chloro- benzene	Chloro- ethane	Cis-1,2- DCE	p- Isopropyl- toluene	1,2- Dibromo- ethane	1,2-DCA	Isopropyl benzene
MW-4	3/3/2011	(NP)	--	<10.0	<1.00	<1.00	<1.00	<2.00	<1.00	<1.00	<2.00
	6/29/2011		--	--	--	--	--	--	--	--	--
	9/22/2011	(LFP)	6.27	<5.0	<1.0	<1.0	<1.0	3.4	--	<1.0	5.7
	11/28/2011		--	--	--	--	--	--	--	--	--
	3/20/2012	(LFP)	0.68	<5.0	<1.0	<1.0	<1.0	4.0	<1.0	<1.0	32.2
	6/11/2012	(NULL)	--	--	--	--	--	--	--	--	--
	8/7/2012		--	--	--	--	--	--	--	--	--
	8/8/2012	(LFP)	0.00	<5.0	<1.0	<1.0	<1.0	6.4	<1.0	<1.0	45.2
	11/8/2012		--	--	--	--	--	--	--	--	--
	3/20/2013	(LFP)	0.00	<25.0	<5.0	<5.0	<5.0	6.3	<5.0	<5.0	49.7
	5/17/2013		--	--	--	--	--	--	--	--	--
	9/26/2013	(LFP)	--	--	--	--	--	--	--	--	--
	9/27/2013		1.56	<25.0	<5.0	<5.0	<5.0	6.3	<5.0	<5.0	55.9
	2/12/2014	(Dup)(LFP)	--	5.9(J)	<5.0	<5.0	<5.0	6.5	<5.0	<5.0	36
	2/12/2014	(LFP)	2.73	5.7(J)	<5.0	<5.0	<5.0	6.4	<5.0	<5.0	35
MW-5	9/12/1995		--	--	--	--	--	--	ND	ND	--
	11/14/1995	(d)	--	--	--	--	--	--	--	--	--
	2/6/1996		--	--	--	--	--	--	--	--	--
	4/17/1996		--	--	--	--	--	--	--	--	--
	8/15/1996		--	--	--	--	--	--	--	--	--
	11/27/1996		--	--	--	--	--	--	--	--	--
	3/7/1997		1.80	--	--	--	--	--	--	--	--
	5/6/1997		0.58	--	--	--	--	--	--	--	--
	8/4/1997	(i)	1.47	--	--	--	--	--	--	--	--
	11/14/1997		1.20	--	--	--	--	--	--	--	--
	3/4/1998		2.30	--	--	--	--	--	--	--	--
	6/4/1998		0.90	--	--	--	--	--	--	--	--
	9/14/1998		1.20	--	--	--	--	--	--	--	--
	12/16/1998		1.20	--	--	--	--	--	--	--	--
	3/8/1999		1.10	--	--	--	--	--	--	--	--
	6/1/1999		0.10	--	--	--	--	--	--	--	--
	8/11/1999		0.30	--	--	--	--	--	--	--	--
	12/8/1999		0.50	--	--	--	--	--	--	--	--
	5/24/2000		1.07	--	--	--	--	--	--	--	--
	7/18/2000		0.80	--	--	--	--	--	--	--	--
	11/21/2000		--	--	--	--	--	--	--	--	--

d in micrograms per liter ($\mu\text{g/L}$)[illegible]

Table 3 - Groundwater Analyti

OR-04

240 NW 4th Street

All analytical results are presented

Well	Date	Notes	DO (mg/L)	2- Butanone	Chloro- benzene	Chloro- ethane	Cis-1,2- DCE	p- Isopropyl- toluene	1,2- Dibromo- ethane	1,2-DCA	Isoprop- benzene
MW-5	2/21/2001		--	--	--	--	--	--	ND	ND	--
	5/21/2001		--	--	--	--	--	--	ND	ND	--
	8/22/2001		--	--	--	--	--	--	--	--	--
	11/19/2001		--	--	--	--	--	--	--	--	--
	7/31/2003		--	--	--	--	--	--	--	--	--
	8/14/2003		--	<20.0	--	<1.00	--	5.06	<2.00	<2.00	34.7
	10/22/2003		--	<50.0	--	<5.00	--	<10.0	<5.00	<5.00	56.3
	1/15/2004		--	<50.0	--	<5.00	--	<10.0	<5.00	<5.00	28.1
	4/15/2004		--	20.7	--	2.64	--	<2.00	<1.00	<1.00	12.2
	7/22/2004		--	<50.0	--	<5.00	--	<10.0	<5.00	<5.00	46.8
	10/14/2004		--	<50.0	--	<5.00	--	14.2	<5.00	<5.00	46.2
	1/26/2005		--	<50.0	--	<5.00	--	<10.0	<5.00	<5.00	15.8
	4/14/2005		--	<10.0	--	<1.00	--	4.67	<1.00	<1.00	8.54
	7/14/2005		--	<20.0	--	<2.00	--	6.38	<2.00	<2.00	22.9
	11/2/2005		--	<20.0	--	<2.00	--	10.5	<2.00	<2.00	30.1
	2/7/2006		--	<10.0	--	<1.00	--	7.33	<1.00	<1.00	12.8
	4/28/2006		--	<10.0	--	<1.00	--	6.38	<1.00	<1.00	21.7
	9/5/2006		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	15.7
	12/28/2006	(I)	--	--	--	--	--	--	--	--	--
	2/15/2007	(I)	--	--	--	--	--	--	--	--	--
	5/17/2007		--	<20.0	--	<2.00	--	6.98	<2.00	<2.00	37.2
	9/28/2007		--	<50.0	--	<5.00	--	<10.0	<5.00	<5.00	27
	12/5/2007		--	<20.0	--	<2.00	--	<4.00	<2.00	<2.00	14.6
	2/13/2008		--	<20.0	--	<2.00	--	4.82	<2.00	<2.00	10.8
	4/22/2008		--	<50.0	--	<5.00	--	<10.0	<5.00	<5.00	10.8
	7/16/2008		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	<2.00
	10/28/2008		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	<2.00
	2/16/2009		--	--	--	--	--	--	--	--	--
	5/7/2009		--	<10.0	--	<1.00	--	7.16	<1.00	<1.00	16.6
	8/26/2009		--	<10.0	--	<1.00	--	6.4	<1.00	<1.00	29
	12/17/2009		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	2.9
	3/16/2010		--	--	--	--	--	--	--	--	--
	3/17/2010	(P)	--	--	<1.0	<5.0	<1.0	5.8	<1.0	<1.0	10
	6/18/2010	(P)	--	--	<1.0	<5.0	<1.0	1.9	<1.0	<1.0	1.2
	9/13/2010	(P)	--	--	<1.0	<5.0	<1.0	7.1	<1.0	<1.0	23
	12/6/2010	(NM, I)	--	--	--	--	--	--	--	--	--

ical Results for Other VOCs

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t, Corvallis, OR

d in micrograms per liter (µg/L)

pyl- ene	Naph- thalene	N-Butyl- benzene	N-Propyl- benzene	sec-butyl- benzene	Tert- Butyl- benzene	PCE	1,2,4- Trimethyl- benzene	1,3,5- Trimethyl- benzene	Vinyl Chloride
	40.9	--	--	--	--	--	--	--	--
	3.2	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	110	22.8	91.5	<2.00	--	--	301	149	--
	200	48.8	153	<5.00	--	--	566	287	--
	70.2	<25.0	79.4	<5.00	--	--	297	157	--
	<2.00	7.01	22.8	3.31	--	--	<1.00	<1.00	--
	102	48.2	143	<5.00	--	--	512	279	--
	130	108	154	<5.00	--	--	507	301	--
	50.2	<25.0	45.6	<5.00	--	--	132	72.2	--
	18.2	39.9	24.2	<1.00	--	--	80	52	--
	90.1	27.1	67.3	<2.00	--	--	212	95.7	--
	52.1	<58.0	84.7	7.4	--	--	281	169	--
	13.1	38	37.8	4.73	--	--	129	74.4	--
	48	34.4	59.5	4.55	--	--	166	78.5	--
	<2.00	14.4	29.3	5.21	--	--	<1.0	<1.00	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	131	28.2	96.9	<2.00	--	--	319	170	--
	70.4	<25.0	68.7	<5.00	--	--	200	116	--
	18.4	19.3	38.4	2.8	--	--	91.5	66.5	--
	11.8	18.3	26.6	2.74	--	--	73.6	39	--
	<10.0	25.2	29.7	<5.00	--	--	66	26.9	--
0	<2.00	<5.00	<1.00	<1.00	--	--	12.6	3.95	--
0	<2.00	<5.00	2.8	<1.00	--	--	<1.00	<1.00	--
	--	--	--	--	--	--	--	--	--
	7.31	36	58.9	5.5	--	--	151	112	--
	26.5	<5.00	82	<1.00	--	--	230	137	--
	<2.00	<5.00	5.63	<1.00	--	--	<1.00	<1.00	--
	--	--	--	--	--	--	--	--	--
	6.3	<1.0	17	1.9	<1.0	<1.0	100	94	<1.0
	2.7	<1.0	2.5	<1.0	<1.0	<1.0	9.6	<1.0	<1.0
	20	32	84	4.7	<1.0	<1.0	120	130	<1.0
	--	--	--	--	--	--	--	--	--

Table 3 - Groundwater Analyti

OR-04

240 NW 4th Street

All analytical results are presented

Well	Date	Notes	DO (mg/L)	2- Butanone	Chloro- benzene	Chloro- ethane	Cis-1,2- DCE	p- Isopropyl- toluene	1,2- Dibromo- ethane	1,2-DCA	Isopropyl- benzene
MW-5	3/3/2011	(NP)	--	<10.0	<1.00	<1.00	<1.00	<2.00	<1.00	<1.00	<2.00
	6/29/2011		--	--	--	--	--	--	--	--	--
	9/22/2011	(LFP)	2.06	<5.0	<1.0	<1.0	<1.0	2.1	--	<1.0	1.7
	11/28/2011		--	--	--	--	--	--	--	--	--
	3/20/2012	(LFP)	2.31	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/11/2012	(NULL)	--	--	--	--	--	--	--	--	--
	8/7/2012	(LFP)	0.00	<5.0	<1.0	<1.0	<1.0	1.8	<1.0	<1.0	<1.0
	11/8/2012		--	--	--	--	--	--	--	--	--
	3/20/2013		--	--	--	--	--	--	--	--	--
	3/21/2013	(LFP)	0.00	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/17/2013		--	--	--	--	--	--	--	--	--
	9/26/2013	(LFP)	--	--	--	--	--	--	--	--	--
	9/27/2013		0.00	<5.0	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	<1.0
	2/11/2014		--	--	--	--	--	--	--	--	--
	2/12/2014	(LFP)	0.00	<10	<5.0	<5.0	<5.0	3.5(J)	<5.0	<5.0	<5.0
MW-6	9/12/1995		--	--	--	--	--	--	ND	ND	--
	11/14/1995	(d)	--	--	--	--	--	--	--	--	--
	2/6/1996		--	--	--	--	--	--	--	--	--
	4/17/1996		--	--	--	--	--	--	--	--	--
	8/15/1996		--	--	--	--	--	--	--	--	--
	11/27/1996		--	--	--	--	--	--	--	--	--
	3/7/1997		1.58	--	--	--	--	--	--	--	--
	5/6/1997		1.23	--	--	--	--	--	--	--	--
	8/4/1997	(i)	1.23	--	--	--	--	--	--	--	--
	11/14/1997		5.70	--	--	--	--	--	--	--	--
	3/4/1998		2.60	--	--	--	--	--	--	--	--
	6/4/1998		4.80	--	--	--	--	--	--	--	--
	9/14/1998		1.80	--	--	--	--	--	--	--	--
	12/16/1998		4.70	--	--	--	--	--	--	--	--
	3/8/1999		1.50	--	--	--	--	--	--	--	--
	6/1/1999		--	--	--	--	--	--	--	--	--
	8/11/1999		0.60	--	--	--	--	--	--	--	--
	12/8/1999		0.60	--	--	--	--	--	--	--	--
	5/24/2000		3.43	--	--	--	--	--	--	--	--
	7/18/2000		2.53	--	--	--	--	--	--	--	--
	11/21/2000		--	--	--	--	--	--	--	--	--

d in micrograms per liter ($\mu\text{g/L}$)[illegible]

Table 3 - Groundwater Analyti

OR-04

240 NW 4th Street

All analytical results are presented

Well	Date	Notes	DO (mg/L)	2- Butanone	Chloro- benzene	Chloro- ethane	Cis-1,2- DCE	p- Isopropyl- toluene	1,2- Dibromo- ethane	1,2-DCA	Isopropyl- benzene
MW-6	2/21/2001		--	--	--	--	--	--	ND	ND	--
	5/21/2001		--	--	--	--	--	--	ND	ND	--
	8/22/2001		--	--	--	--	--	--	--	--	--
	11/19/2001		--	--	--	--	--	--	--	--	--
	7/31/2003		--	<10.0	--	<2.00	--	<2.00	<1.00	<1.00	12
	10/22/2003		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	13
	1/15/2004		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	3.32
	4/15/2004		--	<20.0	--	<2.00	--	21.6	<2.00	<2.00	21.6
	7/22/2004		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	4.03
	10/14/2004		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	16.5
	1/26/2005		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	<2.00
	4/14/2005		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	<2.00
	7/14/2005		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	14.1
	11/2/2005		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	8.14
	2/7/2006		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	2.78
	4/28/2006		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	6.24
	9/5/2006		--	<10.0	--	1.32	--	6.02	<1.00	<1.00	27.9
	12/28/2006		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	2.24
	2/16/2007		--	--	--	--	--	--	--	--	--
	5/17/2007		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	9.32
	9/28/2007		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	12.3
	12/5/2007		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	5.23
	2/13/2008		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	3.93
	4/22/2008		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	6.23
	7/16/2008		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	2.63
	10/28/2008		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	2.36
	2/16/2009		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	3.1
	5/7/2009		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	<1.00
	8/26/2009		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	11.4
	12/17/2009		--	<10.0	--	<1.00	--	7.2	<1.00	<1.00	10.5
	3/16/2010	(P)	--	--	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	1.5
	6/18/2010	(P)	--	--	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/13/2010	(P)	--	--	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	7.0
	12/6/2010		--	--	--	--	--	--	--	--	--
	3/3/2011	(NP)	--	<10.0	<1.00	<1.00	<1.00	<2.00	<1.00	<1.00	<2.00
	6/29/2011		--	--	--	--	--	--	--	--	--

ical Results for Other VOCs

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t, Corvallis, OR

d in micrograms per liter (µg/L)

yl- ne	Naph- thalene	N-Butyl- benzene	N-Propyl- benzene	sec-butyl- benzene	Tert- Butyl- benzene	PCE	1,2,4- Trimethyl- benzene	1,3,5- Trimethyl- benzene	Vinyl Chloride
	ND	--	--	--	--	--	--	--	--
	ND	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	<2.00	8.6	21.8	4.58	--	--	<1.00	<1.00	--
	2.6	9.13	22.7	4.3	--	--	8.15	2.22	--
	<2.00	<5.00	6.61	<1.00	--	--	<1.00	<1.00	--
	32.7	42.2	65.9	<2.00	--	--	231	130	--
	<2.00	<5.00	8.91	<1.00	--	--	<1.00	<1.00	--
	<2.00	11.8	30	5.66	--	--	<1.00	<1.00	--
0	<2.00	<5.00	1.88	<1.00	--	--	<1.00	<1.00	--
0	<2.00	<5.00	1.84	<1.00	--	--	<1.00	<1.00	--
	<2.00	10.9	21.5	6.24	--	--	<1.00	<1.00	--
	<2.00	5.82	13.5	2.76	--	--	<1.00	<1.00	--
	<2.00	<5.00	5.01	<1.00	--	--	<1.00	<1.00	--
	<2.00	<5.00	10.5	1.68	--	--	1.11	1.09	--
	68.3	29.6	70.4	4.38	--	--	153	94.3	--
	<2.00	<5.00	3.26	<1.00	--	--	<1.00	<1.00	--
	--	--	--	--	--	--	--	--	--
	<2.00	<5.00	11.7	2.89	--	--	<1.00	<1.00	--
	<2.00	10.1	18.2	4.86	--	--	<1.00	<1.00	--
	<2.00	<5.00	6.21	2.91	--	--	<1.00	<1.00	--
	<2.00	<5.00	5.9	1.56	--	--	<1.00	<1.00	--
	<2.00	<5.00	8.4	2.64	--	--	<1.00	<1.00	--
	<2.00	<5.00	3.35	<1.00	--	--	<1.00	<1.00	--
	2.71	<5.00	6.11	<1.00	--	--	26.6	10.4	--
	<2.00	<5.00	5.18	1.21	--	--	<1.00	<1.00	--
0	<2.00	<5.00	1.11	<1.00	--	--	<1.00	<1.00	--
	<2.00	<5.00	17.5	4.34	--	--	<1.00	<1.00	--
	6.03	35.6	38.4	5.09	--	--	102	85.7	--
	<1.0	<1.0	1.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1.6	2.6	7.6	2.5	<1.0	<1.0	<1.0	<1.0	<1.0
	--	--	--	--	--	--	--	--	--
0	<2.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	--	--	--	--	--	--	--	--	--

Table 3 - Groundwater Analyti

OR-04

240 NW 4th Street

All analytical results are presented

Well	Date	Notes	DO (mg/L)	2- Butanone	Chloro- benzene	Chloro- ethane	Cis-1,2- DCE	p- Isopropyl- toluene	1,2- Dibromo- ethane	1,2-DCA	Isopropyl- benzene
MW-6	9/22/2011	(LFP)	2.52	<5.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	2.8
	11/28/2011		--	--	--	--	--	--	--	--	--
	3/20/2012	(LFP)	1.80	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/11/2012	(NULL)	--	--	--	--	--	--	--	--	--
	8/7/2012	(LFP)	0.00	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/8/2012		--	--	--	--	--	--	--	--	--
	3/20/2013		--	--	--	--	--	--	--	--	--
	3/21/2013	(LFP)	0.25	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/17/2013		--	--	--	--	--	--	--	--	--
	9/26/2013	(LFP)	--	--	--	--	--	--	--	--	--
	9/27/2013		2.34	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/11/2014		--	--	--	--	--	--	--	--	--
	2/12/2014	(LFP)	0.00	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MW-7	9/12/1995		--	--	--	--	--	--	ND	ND	--
	11/14/1995	(d)	--	--	--	--	--	--	--	--	--
	2/6/1996		--	--	--	--	--	--	--	--	--
	4/17/1996		--	--	--	--	--	--	--	--	--
	8/15/1996		--	--	--	--	--	--	--	--	--
	11/27/1996		--	--	--	--	--	--	--	--	--
	3/7/1997		--	--	--	--	--	--	--	--	--
	5/6/1997		4.51	--	--	--	--	--	--	--	--
	8/4/1997	(i)	5.12	--	--	--	--	--	--	--	--
	11/14/1997		5.50	--	--	--	--	--	--	--	--
	3/4/1998		4.80	--	--	--	--	--	--	--	--
	6/4/1998	(h)	--	--	--	--	--	--	--	--	--
MW-8	9/12/1995		--	--	--	--	--	--	ND	ND	--
	11/14/1995		--	--	--	--	--	--	--	--	--
	2/6/1996		--	--	--	--	--	--	--	--	--
	4/17/1996		--	--	--	--	--	--	--	--	--
	8/15/1996		--	--	--	--	--	--	--	--	--
	11/27/1996		--	--	--	--	--	--	--	--	--
	3/7/1997		2.71	--	--	--	--	--	--	--	--
	5/6/1997		3.63	--	--	--	--	--	--	--	--
	8/4/1997	(i)	2.30	--	--	--	--	--	--	--	--
	11/14/1997		4.80	--	--	--	--	--	--	--	--
	3/4/1998		4.00	--	--	--	--	--	--	--	--

ical Results for Other VOCs

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d in micrograms per liter (µg/L)

pyl- ne	Naph- thalene	N-Butyl- benzene	N-Propyl- benzene	sec-butyl- benzene	Tert- Butyl- benzene	PCE	1,2,4- Trimethyl- benzene	1,3,5- Trimethyl- benzene	Vinyl Chloride
	<1.0	<1.0	3.8	1.4	<1.0	<1.0	<1.0	<1.0	<0.20
	--	--	--	--	--	--	--	--	--
	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20
	--	--	--	--	--	--	--	--	--
	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20
	--	--	--	--	--	--	--	--	--
	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	ND	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	ND	--	--	--	--	--	--	--	--
	ND	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	ND	--	--	--	--	--	--	--	--
	ND	--	--	--	--	--	--	--	--
	ND	--	--	--	--	--	--	--	--
	ND	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
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Table 3 - Groundwater Analyti

OR-04

240 NW 4th Street

All analytical results are presented

Well	Date	Notes	DO (mg/L)	2- Butanone	Chloro- benzene	Chloro- ethane	Cis-1,2- DCE	p- Isopropyl- toluene	1,2- Dibromo- ethane	1,2-DCA	Isoprop- benzene
MW-8	6/4/1998	(h)	--	--	--	--	--	--	--	--	--
	9/14/1998		5.00	--	--	--	--	--	--	--	--
	12/16/1998		8.20	--	--	--	--	--	--	--	--
	3/8/1999		1.60	--	--	--	--	--	--	--	--
	6/1/1999		--	--	--	--	--	--	--	--	--
	8/11/1999		0.40	--	--	--	--	--	--	--	--
	12/8/1999		3.50	--	--	--	--	--	--	--	--
	5/24/2000		3.78	--	--	--	--	--	--	--	--
	7/18/2000		5.26	--	--	--	--	--	--	--	--
	11/21/2000		--	--	--	--	--	--	--	--	--
	2/21/2001		--	--	--	--	--	--	ND	ND	--
	5/21/2001		--	--	--	--	--	--	ND	ND	--
	8/22/2001		--	--	--	--	--	--	--	--	--
	11/19/2001		--	--	--	--	--	--	--	--	--
	7/31/2003		--	<20.0	--	<2.00	--	<4.00	<2.00	<2.00	7.56
	10/22/2003		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	12.7
	1/15/2004		--	<20.0	--	2.18	--	<2.00	<2.00	<2.00	5.34
	4/15/2004		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	<2.00
	7/22/2004		--	<20.0	--	<2.00	--	<4.00	<2.00	<2.00	4.9
	10/14/2004		--	<20.0	--	<2.00	--	<4.00	<2.00	<2.00	9.38
	1/26/2005		--	<20.0	--	<2.00	--	<4.00	<2.00	<2.00	<4.00
	4/14/2005		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	<2.00
	7/14/2005		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	4.63
	11/2/2005		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	7.38
	2/7/2006		--	<20.0	--	<2.00	--	<4.00	<2.00	<2.00	6.36
	4/28/2006		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	2.27
	9/5/2006		--	<20.0	--	<2.00	--	<4.00	<2.00	<2.00	11.5
	12/28/2006		--	<20.0	--	<2.00	--	<4.00	<2.00	<2.00	7.08
	2/15/2007		--	--	--	--	--	--	--	--	--
	5/17/2007		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	<2.00
	9/28/2007		--	<50.0	--	<5.00	--	<10.0	<5.00	<5.00	11.5
	12/5/2007		--	<50.0	--	<5.00	--	<10.0	<5.00	<5.00	<10.0
	2/13/2008		--	<50.0	--	<5.00	--	<2.00	<5.00	<5.00	<10.0
	4/22/2008		--	<20.0	--	<2.00	--	<4.00	<2.00	<2.00	<4.00
	7/16/2008		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	<2.00
	10/28/2008		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	<2.00

ical Results for Other VOCs

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t, Corvallis, OR

d in micrograms per liter (µg/L)

pyl- ne	Naph- thalene	N-Butyl- benzene	N-Propyl- benzene	sec-butyl- benzene	Tert- Butyl- benzene	PCE	1,2,4- Trimethyl- benzene	1,3,5- Trimethyl- benzene	Vinyl Chloride
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	ND	--	--	--	--	--	--	--	--
	ND	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	<4.00	<10.0	9.6	<2.00	--	--	4.1	<2.00	--
	4.05	<5.00	14.7	1.7	--	--	11.1	1.89	--
	<4.00	<10.0	4.36	<2.00	--	--	<2.00	<2.00	--
0	<2.00	<5.00	<1.00	<1.00	--	--	<1.00	<1.00	--
	<4.00	<10.0	6.6	<2.00	--	--	3.04	<2.00	--
	<4.00(j)	<10.0	10.4	<2.00	--	--	3.2	<2.00	--
0	<4.00	<10.0	3.06	<2.00	--	--	<2.00	<2.00	--
0	<2.00	<5.00	<1.00	<1.00	--	--	<1.00	<1.00	--
	<2.00	<5.00	3.74	<1.00	--	--	1.52	<1.00	--
	3.55	<5.00	9.75	<1.00	--	--	4.57	<1.00	--
	<4.00	<10.0	5.94	<2.00	--	--	2.62	<2.00	--
	<2.00	<5.00	1.91	<1.00	--	--	1.35	1.07	--
	<4.00	<10.0	14.1	<2.00	--	--	5.12	<2.00	--
	<4.00	<10.0	7.42	<2.00	--	--	3.68	<2.00	--
	--	--	--	--	--	--	--	--	--
0	<2.00	<5.00	<1.00	<1.00	--	--	1.52	<1.00	--
	14.2	<25.0	14.2	<5.00	--	--	6.05	<5.00	--
0	14.5	<25.0	6.9	<5.00	--	--	<5.00	<5.00	--
0	<10.0	<25.0	<5.00	<5.00	--	--	<5.00	<5.00	--
0	<4.00	<10.0	<2.00	<2.00	--	--	<2.00	<2.00	--
0	<2.00	<5.00	<1.00	<1.00	--	--	<1.00	<1.00	--
0	<2.00	<5.00	<1.00	<1.00	--	--	<1.00	<1.00	--

Table 3 - Groundwater Analyti

OR-04

240 NW 4th Street

All analytical results are presented

Well	Date	Notes	DO (mg/L)	2- Butanone	Chloro- benzene	Chloro- ethane	Cis-1,2- DCE	p- Isopropyl- toluene	1,2- Dibromo- ethane	1,2-DCA	Isopropyl benzene
MW-8	2/16/2009		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	2.94
	5/7/2009		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	<2.00
	8/26/2009		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	2.35
	12/17/2009		--	<10.0	--	<1.00	--	<2.00	<1.00	<1.00	<2.00
	3/16/2010	(P)	--	--	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/18/2010	(P)	--	--	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/13/2010	(P)	--	--	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/6/2010		--	--	--	--	--	--	--	--	--
	3/3/2011	(NP)	--	<10.0	<1.00	<1.00	<1.00	<2.00	<1.00	<1.00	<2.00
	6/29/2011		--	--	--	--	--	--	--	--	--
	9/22/2011	(LFP)	2.25	<5.0	<1.0	<1.0	<1.0	<1.0	--	<1.0	<1.0
	11/28/2011		--	--	--	--	--	--	--	--	--
	3/20/2012	(LFP)	2.96	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	6/11/2012	(NULL)	--	--	--	--	--	--	--	--	--
	8/7/2012	(LFP)	0.32	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/8/2012		--	--	--	--	--	--	--	--	--
	3/20/2013		--	--	--	--	--	--	--	--	--
	3/21/2013	(LFP)	5.17	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/17/2013		--	--	--	--	--	--	--	--	--
	9/26/2013	(LFP)	0.00	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/11/2014		--	--	--	--	--	--	--	--	--
	2/12/2014	(LFP)	1.49	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MW-9	8/7/2012	(NE)	--	--	--	--	--	--	--	--	--
	8/8/2012	(LFP)	3.34	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/8/2012		--	--	--	--	--	--	--	--	--
	3/20/2013	(LFP)	1.50	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	5/17/2013		--	--	--	--	--	--	--	--	--
	9/26/2013	(LFP)	0.91	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/11/2014	(LFP)	0.60	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MW-10	8/7/2012	(LFP, NE)	0.41	<5.0	<1.0	<1.0	<1.0	3.8	<1.0	<1.0	19.7
	3/20/2013	(LFP)	0.00	11.9	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	2.5
	9/26/2013	(LFP)	--	--	--	--	--	--	--	--	--
	9/27/2013		0.00	<5.0	<1.0	<1.0	<1.0	2.1	<1.0	<1.0	16.6
	2/11/2014		--	--	--	--	--	--	--	--	--
	2/12/2014	(LFP)	0.00	<10	<5.0	<5.0	<5.0	3.3(J)	<5.0	<5.0	12
MW-11	8/7/2012	(LFP, NE)	0.06	8.5	<1.0	<1.0	<1.0	13.4	<1.0	<1.0	92.4

Cal Results for Other VOCs

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t, Corvallis, OR

d in micrograms per liter (µg/L)

pyl- ne	Naph- thalene	N-Butyl- benzene	N-Propyl- benzene	sec-butyl- benzene	Tert- Butyl- benzene	PCE	1,2,4- Trimethyl- benzene	1,3,5- Trimethyl- benzene	Vinyl Chloride
	<2.00	<5.00	3.09	<1.00	--	--	<1.00	<1.00	--
0	<2.00	<5.00	1.01	<1.00	--	--	<1.00	<1.00	--
	<2.00	<5.00	2.26	<1.00	--	--	1.28	<1.00	--
0	<2.00	<5.00	<1.00	<1.00	--	--	<1.00	<1.00	--
	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	--	--	--	--	--	--	--	--	--
0	<2.00	<5.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
	--	--	--	--	--	--	--	--	--
	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20
	--	--	--	--	--	--	--	--	--
	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20
	--	--	--	--	--	--	--	--	--
	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20
	--	--	--	--	--	--	--	--	--
	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20
	--	--	--	--	--	--	--	--	--
	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	--	--	--	--	--	--	--	--	--
	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20
	--	--	--	--	--	--	--	--	--
	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20
	--	--	--	--	--	--	--	--	--
	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20
	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	23.3	12.2	37.7	2.8	<1.0	<1.0	41.4	43.5	<0.20
	<4.0	4.0	5.1	1.3	<1.0	<1.0	<1.0	<1.0	<0.20
	--	--	--	--	--	--	--	--	--
	9.7	7.5	33.5	3.4	<1.0	<1.0	9.0	5.3	<0.20
	--	--	--	--	--	--	--	--	--
	4.1(J)	4.1(J)	17	3.9(J)	<5.0	<5.0	3.9(J)	<5.0	<5.0
	730	42.7	231	14.8	<1.0	<1.0	1,140	294	<0.20

Table 2 - Groundwater Analyti

OR-04

240 NW 4th Street

All analytical results are presented

Well	Date	Notes	DO (mg/L)	2- Butanone	Chloro- benzene	Chloro- ethane	Cis-1,2- DCE	p- Isopropyl- toluene	1,2- Dibromo- ethane	1,2-DCA	Isopropyl benzene
MW-11	11/8/2012		--	--	--	--	--	--	--	--	--
	3/20/2013	(LFP)	0.00	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	71.5
	5/17/2013		--	--	--	--	--	--	--	--	--
	9/26/2013	(LFP)	0.00	<50.0	<10.0	<10.0	<10.0	10.0	<10.0	<10.0	73.2
	2/11/2014		--	--	--	--	--	--	--	--	--
	2/12/2014	(LFP)	0.00	12	<5.0	<5.0	<5.0	7.9	<5.0	<5.0	63
MW-12	8/7/2012	(LFP, NE)	0.00	<5.0	<1.0	<1.0	<1.0	17.0	<1.0	<1.0	73.8
	11/8/2012		--	--	--	--	--	--	--	--	--
	3/20/2013	(LFP)	0.00	<5.0	<1.0	<1.0	<1.0	1.3	<1.0	<1.0	2.0
	5/17/2013		--	--	--	--	--	--	--	--	--
	9/26/2013	(Dup)(LFP)	--	<5.0	<1.0	<4.0	<1.0	19.0	<1.0	<1.0	79.9
	9/26/2013	(LFP)	0.00	<5.0	<1.0	<1.0	<1.0	18.6	<1.0	<1.0	75.9
	2/11/2014		--	--	--	--	--	--	--	--	--
	2/12/2014	(LFP)	1.88	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	1.1(J)
MW-13	2/12/2014	(LFP)	0.00	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Notes:

Dup = Duplicate sample

DCE = Dichloroethene

DCA = Dichloroethane

PCE = Tetrachloroethene

ND = Not detected at or above laboratory reporting limit

-- = Not measured, not sampled, not analyzed, or not applicable

P = Purge

NP = No purge

DO = Dissolved oxygen measurements, when available, are reported in milligrams per liter.

VOCs analyzed by United States Environmental Protection Agency Method 8260B

J = Laboratory qualifier: Estimated result below the limit of quantitation, but above the method detection limit.

(d) = Field equipment indicated approximately 0.01 foot of product. Product was not observed, and groundwater samples were collected. Laboratory analytical results indicated non-detectable to low concentrations of BTEX (<2,000 mg/L total BTEX).

(e) = Depth to water may be influenced by floating product.

(f) = Product layer was too thin to be detected by probe, but product was observable on probe.

(h) = Monitoring wells MW-7 and MW-8 were not sampled because of construction and demolition on the site on June 4, 1998.

(i) = August 4, 1997 samples for BTEX were analyzed past the recommended holding times.

(l) = Unable to locate well. Well was not gauged or sampled.

(m) = Well was inaccessible and was not gauged or sampled.

cal Results for Other VOCs

194

t, Corvallis, OR

d in micrograms per liter (µg/L)

oyl- ne	Naph- thalene	N-Butyl- benzene	N-Propyl- benzene	sec-butyl- benzene	Tert- Butyl- benzene	PCE	1,2,4- Trimethyl- benzene	1,3,5- Trimethyl- benzene	Vinyl Chloride
	--	--	--	--	--	--	--	--	--
	321	29.1	227	14.6	<10.0	<10.0	328	83.0	<2.0
	--	--	--	--	--	--	--	--	--
	481	23.8	214	14.3	<10.0	<10.0	602	143	<2.0
	--	--	--	--	--	--	--	--	--
	270	22	180	13	<5.0	<5.0	180	55	<5.0
	581	32.7	139	9.9	<1.0	<1.0	633	184	<0.20
	--	--	--	--	--	--	--	--	--
	4.0	1.2	4.6	1.1	<1.0	<1.0	2.4	1.4	<0.20
	--	--	--	--	--	--	--	--	--
	199	36.6	210	16.2	1.2	<1.0	103	51.7	<0.40
	204	31.4	177	13.9	1.0	<1.0	98.0	49.7	<0.20
	--	--	--	--	--	--	--	--	--
)	1.7(J)	3.1(J)	2.9(J)	3.1(J)	<5.0	<5.0	<5.0	<5.0	<5.0
	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Tab
 NAPL Hydrocarb
 Supplemental Site Investigation, Conceptual Site M
 OR-0
 240 NW 4th Stee

Well	Date	Notes	NAPL H Thickn
MW-2	12/6/2010	(a)	S
MW-2	9/22/2011		(
MW-2	2/11/2014		S
MW-2 total			
MW-3	12/6/2010	(a)	S
MW-3	9/22/2011		(
MW-3	2/11/2014	(a)(b)	N
MW-3 total			
NAPL hydrocarbon removed as of 2/16/			

Notes:

(a) = NAPL hydrocarbon volume presented is a mixture

(b) = NAPL removed using a oil absorbent sock

* = First quarter 2009 groundwater monitoring report

^ = NAPL hydrocarbon removed from monitoring well

NAPL = Non-aqueous phase liquid

Sheen = NAPL observed at <0.01 ft thickness

Table 4
Removal Data
Model, Corrective Action Plan, and Closure Request
4194
et, Corvallis, OR

Hydrocarbon Depth (feet)	NAPL Hydrocarbon Removed (gallons)
0.04	0.1
0.04	0.02
0.04	0
	0.12
0.04	1
0.08	0.09
None	0.08
	1.17
2009*^	100 (approx.)

Removal of NAPL and groundwater

by Delta Consultants.
 s MW-1 through MW-5 using NAPL skimmers

Well ID	Date Collected	Depth Collected	GRO	Benzene
		(ft bgs)	(mg/kg)	(mg/kg)
MW-13	2/4/2014	3.0-3.5	<8.2	<0.0081
MW-13	2/4/2014	15.0-15.5	<7.6	<0.0058
VP-4	2/4/2014	8.0-8.5	<7.9	<0.0068
VP-5	2/4/2014	7.0-8.0	71	<0.0057
VP-5	2/4/2014	8.0-8.5	87	<0.0062
Urban Residential Risk Based Concentrations (mg/kg)				
Soil: Ingestion, Dermal Contact and Inhalation			2,500	24
Soil: Volatilization to Outdoor Air			5,900	27
Soil: Vapor Intrusion into Buildings			94	0
Occupational Risk Based Concentrations (mg/kg)				
Soil: Soil Ingestion, Dermal Contact and Inhalation			20,000	34
Soil: Volatilization to Outdoor Air			69,000	50
Soil: Vapor Intrusion into Buildings			>Max	1.2
Construction Worker Risk Based Concentrations (mg/kg)				
Soil: Soil Ingestion, Dermal Contact and Inhalation			9,700	340
Excavation Worker Risk Based Concentrations (mg/kg)				
Soil: Soil Ingestion, Dermal Contact and Inhalation			>Max	9,500

Notes:

-- = Not Analyzed/ Not Available

< = Concentration is below laboratory reporting limit

>C_{SAT} = The soil RBC exceeds the limit of three phase equilibrium partitioning

>Max = The constituent RBC for this pathway is calculated as greater than the maximum

DRO = Total petroleum hydrocarbons - diesel range organics

ft bgs = Below ground surface

GRO = Total petroleum hydrocarbons - gasoline range organics

mg/kg = Milligrams per kilogram

MTBE = Methyl tert butyl ether

NV = Analyte is considered non-volatile for the exposure pathway

RBC = Oregon Department of Environmental Quality Risk Based Concentration

Bold = Concentration detected above laboratory reporting limit

le 5
 Analytical Results
 Model, Corrective Action Plan, and Closure Request
 4194
 et, Corvallis, OR

Toluene	Ethyl- benzene	Total Xylenes	Naphthalene	Lead
(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
<0.0081	<0.0081	<0.0081	<0.0081	10.5
<0.0058	<0.0058	<0.0058	<0.0058	10.6
<0.0068	<0.0068	<0.0068	<0.0068	11.5
<0.0057	<0.0057	<0.0057	<0.0057	9.01
<0.0062	<0.0062	<0.0062	<0.0062	10.4
12,000	110	2,900	25	400
>C _{SAT}	85	>C _{SAT}	18	NV
>C _{SAT}	2	100	18	NV
77,000	140	25,000	23	800
>C _{SAT}	160	>C _{SAT}	99	NV
>C _{SAT}	12	>C _{SAT}	99	NV
24,000	1,600	19,000	580	800
680,000	44,000	540,000	16,000	800

partitioning
 than 1,000,000 mg/kg.

concentration, Revised June 2012

Table
Soil Vapor and Sub-Slab Soil Gas Data
Supplemental Site Investigation, Conceptual Site Model
OR-04194
240 NW 4th Street

Sample ID	Date Sampled	Depth (ft bgs)	GRO (µg/m ³)	DRO (µg/m ³)	Benzene (µg/m ³)	Toluene (µg/m ³)	Ethylbenzene (µg/m ³)
VP-1	8/8/2012	3	410,000,000	80,000	130,000	<2,800	13
VP-2	8/8/2012	3	140,000,000	1,400,000	6400	<2,600	<3
VP-3	8/8/2012	3	2,500,000	40,000	46	<30	<3
SSVP-1	2/24/2014	--	< 240	< 5,000	< 3.8	< 4.5	< 4
SSVP-1(BD)	2/24/2014	--	< 240	< 5,000	< 3.8	< 4.4	< 4
SSVP-2	2/24/2014	--	< 220	< 5,000	6.8	18	< 4
SSVP-3	2/24/2014	--	< 230	< 5,000	< 3.6	< 4.2	< 4
VP-4-S	2/24/2014	4	13,000	8,200	< 3.5	16	8
OA	8/8/2012	--	<160	--	<2.5	<2.9	< 4
OA	2/24/2014	--	< 170	--	< 3.4	< 4.1	< 4
Urban Residential RBCs (µg/m3)							
Soil Gas: Vapor Intrusion into Buildings			79,000	21,000	170	1.0 E+06	5
Occupational RBCs (µg/m3)							
Soil Gas: Vapor Intrusion into Buildings			1.7 E+06	440,000	1,600	22 E+06	4

Notes:

-- = Not Analyzed/ Not Available

< = Concentration is below laboratory reporting limit

DRO = Total petroleum hydrocarbons - diesel range organics analyzed by EPA Modified Method TO-17

Dup = Duplicate sample collected from VP-3

ft bgs = Feet below ground surface

GRO = Total petroleum hydrocarbons - gasoline range organics

OA = Outdoor air sample

RBC = Oregon Department of Environmental Quality Risk Based Concentration, Revised June 2012

µg/m³ = micrograms per cubic meter

Fixed and tracer gas results are reported in percentage (%)

Fixed and tracer gas samples were analyzed using Modified ASTM International D-1946.

GRO, BTEX, Naphthalene, 1,2,4-TMB and 1,3,5-TMB analyzed by modified Method TO-15.

Total xylenes calculated as the sum of m,p-xylenes and o-xylenes.

Bold = Concentration detected above laboratory reporting limit

Bold = Shaded font indicates results are above the Urban Residential and/or Occupational RBCs

Methyl- Benzene	Total Xylenes	Naphthalene	1,2,4-TMB	1,3,5-TMB	Fixed Gases			Tracer Gas
					Oxygen	Carbon Dioxide	Methane	
(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	(µg/m ³)	%	%	%	%
1,000	<6,400	--	--	--	1.1	10	25	<0.074
1,000	<6,000	--	--	--	1.4	8.0	5.4	<0.070
34	<68	--	--	--	1.6	11	0.068	<0.079
5.2	<10.2	< 25	< 5.8	< 5.8	21	0.43	<0.00024	0.15
5.1	<10.2	< 25	< 5.8	< 5.8	21	0.42	<0.00024	<0.12
4.8	19.5	< 23	9.6	< 5.4	21	0.99	<0.00022	<0.11
4.9	< 9.8	< 24	< 5.5	< 5.5	21	0.36	<0.00022	<0.11
1.8	16	< 23	6.2	22	20	0.84	<0.00022	<0.11
3.4	<6.8	--	--	--	--	--	--	--
4.7	< 9.4	< 23	< 5.3	< 5.3	21	0.041	0.00019	<0.078
30	21,000	18	82	--	--	--	--	--
900	440,000	99	1,000	--	--	--	--	--

Tab
 Indoor Air and Sub-
 Supplemental Site Investigation, Conceptual Site Model
 OR-0
 240 NW 4th Street

Sample Location	Date Sampled ^(a)	Associated Sample ID	
		Sub-slab	Indoor
Back Room	2/24/2014	SSVP-1	IA-1 Air Chex Kits and 4738
Auto Service Bay	2/24/2014	SSVP-2	--
Front Office	2/24/2014	SSPV-3	IA-2 Air Chex Kit

Notes:

- = Sample not collected or otherwise not applicable
- (a) = Indoor air radon sampling was conducted from 2/21/2014 to 2/24/2014
- Dup = Duplicate AirChex Kit
- pCi/l = picocuries per liter of air

File 7
 Slab Radon Results
 Model, Corrective Action Plan, and Closure Request
 4194
 Met, Corvallis, OR

ID	Average Radon-Sub-slab (Avg C _{ss})	Radon-Indoor Air (C _{I_A})		Vapor Attenuation Factor (VAF _{SS-IA})
		pCi/l	pCi/l	
Air				
4738977	257	1.05		0.004
3978	338	--		--
	449	0.5		0.001
4738979				

2/24/2014.

Sample Location	Sample Date	
MW-1	8/8/2012	
	3/20/2013	
	9/26/2013	
	2/11/2014	
MW-2	8/7/2012	
	3/21/2013	
	9/26/2013	
	2/12/2014	
MW-3	8/8/2012	
	3/21/2013	
	9/27/2013	
	2/12/2014	
MW-4	8/8/2012	
	3/20/2013	
	9/27/2013	
	2/12/2014	
MW-5	8/7/2012	
	3/21/2013	
	9/27/2013	
	2/12/2014	
MW-6	8/7/2012	
	3/21/2013	
	9/27/2013	
	2/12/2014	
MW-8	8/7/2012	
	3/21/2013	
	9/26/2013	
	2/12/2014	
MW-9	8/8/2012	
	3/20/2013	
	9/26/2013	
	2/11/2014	
MW-10	8/7/2012	
	3/20/2013	
	9/27/2013	
	2/12/2014	

Table 8
Recent Groundwater Analytical Results Compared to RBCs
Supplemental Site Investigation, Conceptual Site Model, Corrective Action Plan, and Closure Request
OR-04194
240 NW 4th Steet, Corvallis, OR

GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	ED
788	600	440	0.52	<1.0	15.4	<3.0	<1.0	6.4	<1
<100	<480	610	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1
855	3,300	2,100	<1.0	<1.0	24.5	<3.0	<1.0	<4.0	<1
<250	140	280	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5
12,300	910	<380	56.8	24.2	1,090	211	<1.0	465	<1
10,800	2300	<450	44.3	19.4	838	224	<5.0	265	<5
12,500	1100	<420	102	35.8	950	265	<5.0	387	<5
9,900	1400	160(J)	39	14	570	100	<10	200	<1
11,500	1200	440	315	66.0	590	303	<1.0	425	<1
11,200	3300	<470	161	36.2	477	189	<5.0	315	<5
14,000	1400	<430	348	101	648	461	<5.0	382	<5
10,000	1400	300	130	34	390	170	<5.0	260	<5
9,410	920	430	611	79.7	828	517	<1.0	348	<1
9,040	2500	640	751	79.3	731	318	<5.0	233	<5
10,900	1200	<430	1,020	139	1,160	685	<5.0	415	<5
6,900	1000	1400	310	43	320	190	<5.0	110	<5
521	<75	<380	<0.20	<1.0	<1.0	<3.0	<1.0	<1.0	<1
190	<480	<480	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1
745	<430	<430	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1
680	<110	<270	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5
<50.0	140	1200	<0.20	<1.0	<1.0	<3.0	<1.0	<1.0	<1
<100	<430	<430	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1
<100	<430	<430	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1
<250	<110	<270	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5
<50.0	<76	<380	<0.20	<1.0	<1.0	<3.0	<1.0	<1.0	<1
<100	<450	<450	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1
<100	<430	<430	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1
<250	<100	<260	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5
<50.0	120	550	<0.20	<1.0	<1.0	<3.0	<1.0	<1.0	<1
<100	<470	<470	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1
<100	<430	<430	<1.0	<1.0	<1.0	<3.0	<1.0	<4.0	<1
<250	36(J)	<250	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5
2,460	290	<380	1.5	4.6	114	35.2	<1.0	23.3	<1
444	<450	<450	<1.0	<1.0	4.0	<3.0	<1.0	<4.0	<1
1,960	<420	<420	<1.0	1.8	101	10	<1.0	9.7	<1
1,200	160	<240	4.0(J)	7.4	74	9	<5.0	4.1(J)	<5

DB	EDC	1,2,4-TMB	1,3,5-TMB
.0	<1.0	4.3	<1.0
.0	<1.0	<1.0	<1.0
.0	<1.0	2.0	<1.0
.0	<5.0	<5.0	<5.0
.0	<1.0	82.1	47.3
.0	<5.0	102	53.8
.0	<5.0	110	63.6
10	<10	39	38
.0	<1.0	182	63.3
.0	<5.0	138	53.0
.0	<5.0	196	83.3
.0	<5.0	86	43
.0	<1.0	121	56.7
.0	<5.0	53.0	54.0
.0	<5.0	58.8	57.4
.0	<5.0	27	34
.0	<1.0	1.7	<1.0
.0	<1.0	<1.0	<1.0
.0	<1.0	<1.0	<1.0
.0	<1.0	<1.0	<1.0
.0	<5.0	<5.0	<5.0
.0	<1.0	<1.0	<1.0
.0	<1.0	<1.0	<1.0
.0	<1.0	<1.0	<1.0
.0	<1.0	<1.0	<1.0
.0	<5.0	<5.0	<5.0
.0	<1.0	<1.0	<1.0
.0	<1.0	<1.0	<1.0
.0	<1.0	<1.0	<1.0
.0	<5.0	<5.0	<5.0
.0	<1.0	41.4	43.5
.0	<1.0	<1.0	<1.0
.0	<1.0	9.0	5.3
.0	<5.0	3.9(J)	<5.0

Sample Location	Sample Date	
MW-11	8/7/2012	3
	3/20/2013	2
	9/26/2013	2
	2/12/2014	
MW-12	8/7/2012	2
	3/20/2013	
	9/26/2013	
	2/12/2014	
MW-13	2/12/2014	
	5/7/2014	
Oregon DEQ Risk Based Concentrations - Urban P		
Groundwater: Volatilization to Outdoor Air		
Groundwater: Vapor Intrusion into Buildings		2
Oregon DEQ Risk Based Concentrations - Occupa		
Groundwater: Volatilization to Outdoor Air		
Groundwater: Vapor Intrusion into Buildings		
Oregon DEQ Risk Based Concentrations - Constr		
Groundwater: in Excavation		1

Notes:

>S = This groundwater RBC exceeds the solubility limit

< = Not detected above laboratory method reporting limit

µg/L = micrograms per liter

MTBE = Methyl tertiary butyl ether analyzed by USEPA M

NA = Not analyzed

RBC = Oregon Department of Environmental Qual

DRO = Total petroleum hydrocarbons -diesel range org

GRO = Total petroleum hydrocarbons -gasoline range c

HO = Total petroleum hydrocarbons -heavy oil range or

J = analyte not detected, estimated value above the me

Groundwater analytical results are compared to the gro

the Remediation of the Petroleum-Contaminated Sites

Bold = Constituent detected above the laboratory metho

Bold = Highlighted font indicates results a

Table 8
Recent Groundwater Analytical Results Compared to RBCs
Supplemental Site Investigation, Conceptual Site Model, Corrective Action Plan, and Closure Request
OR-04194
240 NW 4th Steet, Corvallis, OR

GRO	DRO	HO	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene	ED
30,600	1100	<380	640	406	1,360	4,270	<1.0	730	<1
12,200	2300	<450	44.7	25.9	641	675	<10.0	321	<10
18,800	1100	<400	59.8	46.8	758	1,640	<10.0	481	<10
9,300	780	140(J)	37	17	430	490	<5.0	270	<5
20,100	770	<380	15.3	124	2,150	1,480	<1.0	581	<1
823	<420	<420	<1.0	<1.0	4.3	<3.0	<1.0	4.0	<1
9,480	880	<450	<1.0	<1.0	572	27.4	<1.0	204	<1
340	60(J)	<250	<5.0	<5.0	1.8(J)	<5.0	<5.0	1.7(J)	<5
<250	47(J)	<280	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5
<250	<120	<300	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1
Residential in µg/L									
>S	>S	>S	7,600	>S	22,000	>S	610,000	8,400	52
22,000	>S	>S	510	>S	1,300	58,000	110,000	1,800	13
Occupational in µg/L									
>S	>S	>S	14,000	>S	41,000	>S	1,100,000	16,000	96
>S	>S	>S	2,800	>S	7,400	>S	590,000	10,000	69
Construction and Excavation Worker in µg/L									
14,000	>S	>S	1,700	210,000	4,400	23,000	62,000	500	2

Not indicated

Method 8260B

DEQ Risk Based Concentration, Revised June 2012

Organics analyzed by Northwest Method NWTPH-Dx

Organics analyzed by Northwest Method NWTPH-Gx

Organics analyzed by Northwest Method NWTPH-Dx

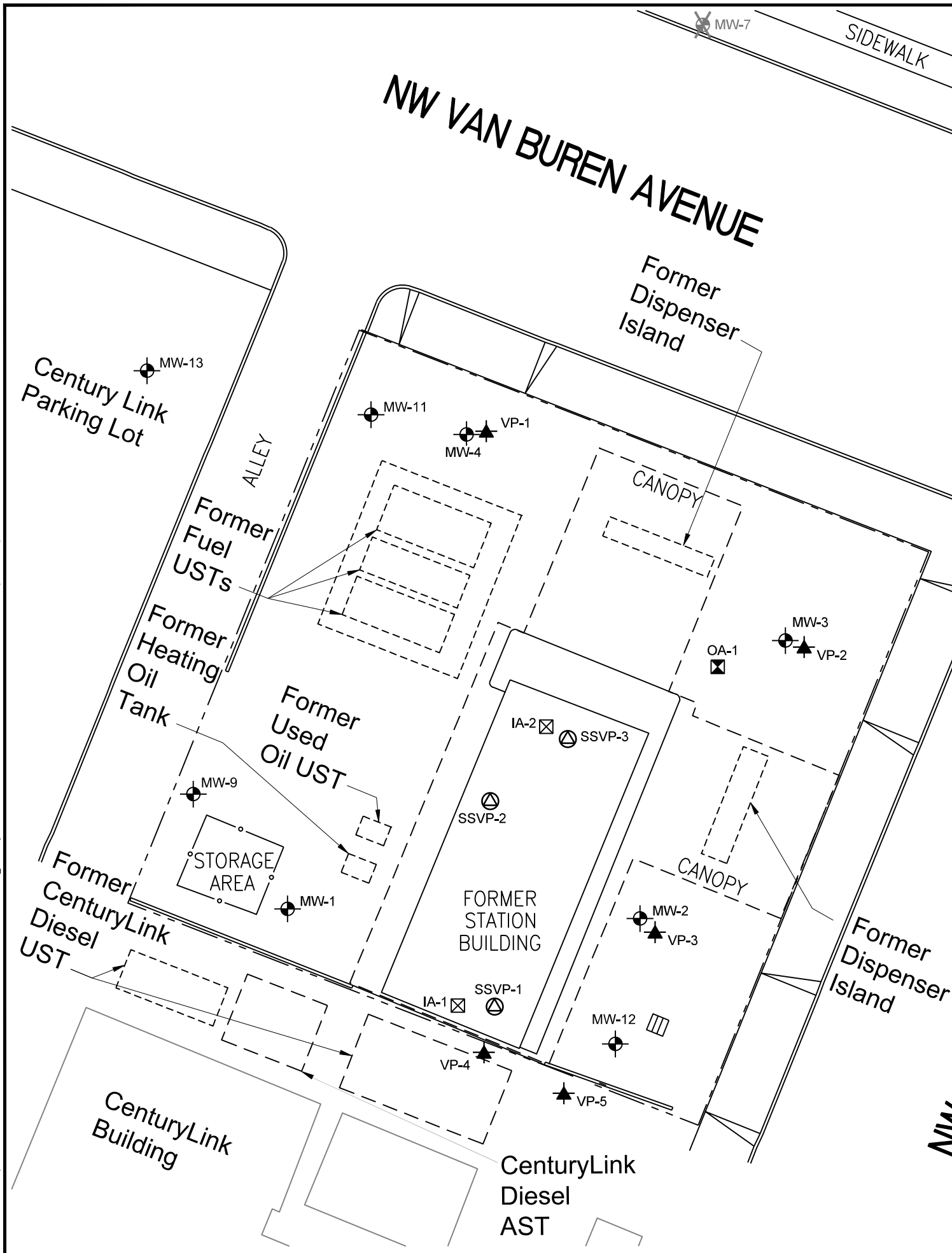
Method detection limit and below the limit of quantitation

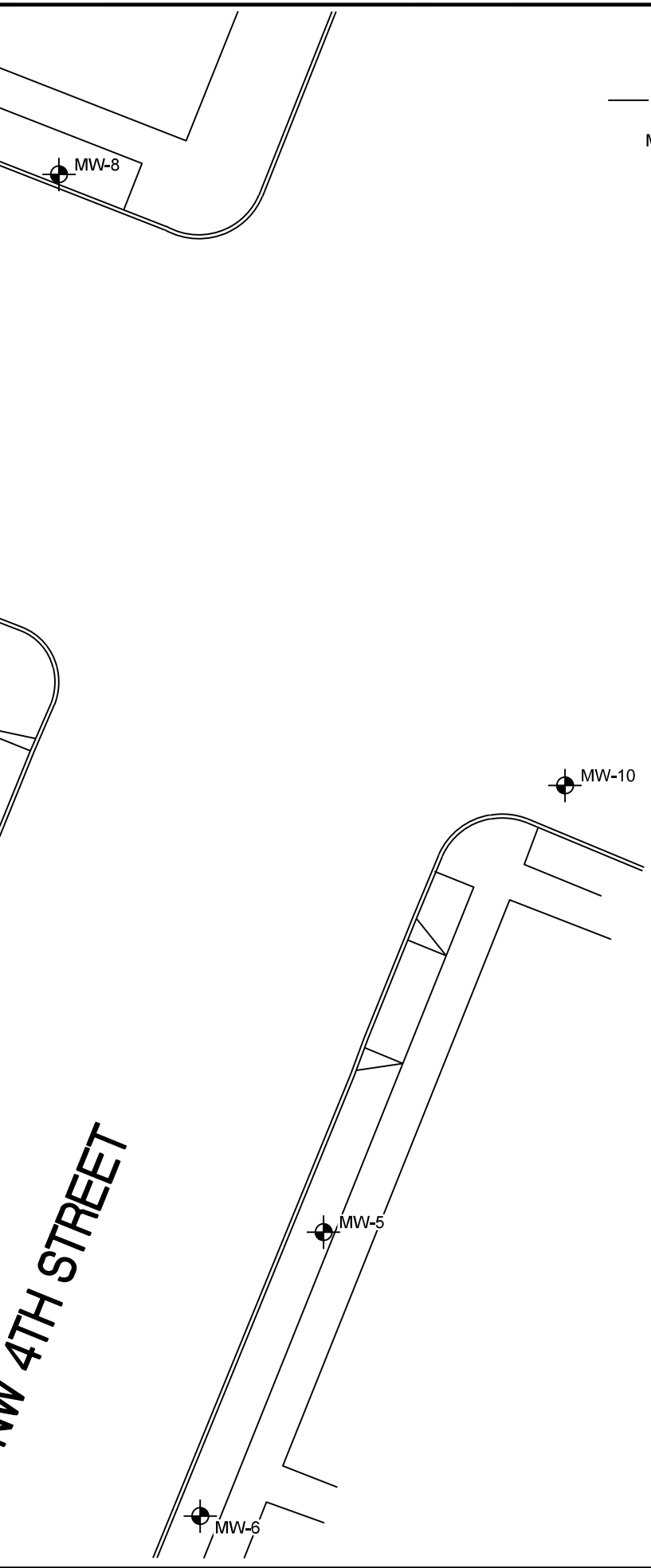
Groundwater risk based concentrations (RBCs) presented in the Appendix A of the DEQ Risk Based Decision Making for

Method reporting limit

Concentrations are above the Urban Residential, Occupational, Construction Worker and/or Excavation Worker RBCs for any exposure pathway

DB	EDC	1,2,4-TMB	1,3,5-TMB
0.0	<1.0	1,140	294
0.0	<10.0	328	83.0
0.0	<10.0	602	143
0.0	<5.0	180	55
0.0	<1.0	633	184
0.0	<1.0	2.4	1.4
0.0	<1.0	98.0	49.7
0.0	<5.0	<5.0	<5.0
0.0	<5.0	<5.0	<5.0
0.0	<1.0	<5.0	<5.0
20	5,100	>S	>S
30	690	5,000	>S
60	9,500	>S	>S
90	3,800	>S	>S
8	630	1,700	23,000



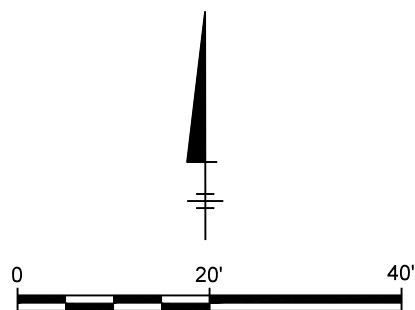


LEGEND

---	APPROXIMATE SITE BOUNDARY
MW-2	MONITORING WELL LOCATION AND IDENTIFICATION
VP-1	VAPOR WELL LOCATION AND IDENTIFICATION
SVP-2	SUB-SLAB SAMPLING LOCATION
IA-2	INDOOR AMBIENT AIR LOCATION
OA-1	OUTDOOR AMBIENT AIR LOCATION
MW-7	MONITORING WELL LOCATION AND IDENTIFICATION (ABANDONED JULY 1998)

NOTES:

1. MAP BASED ON A SURVEY PERFORMED BY OTAK ON FEBRUARY 24, 2014



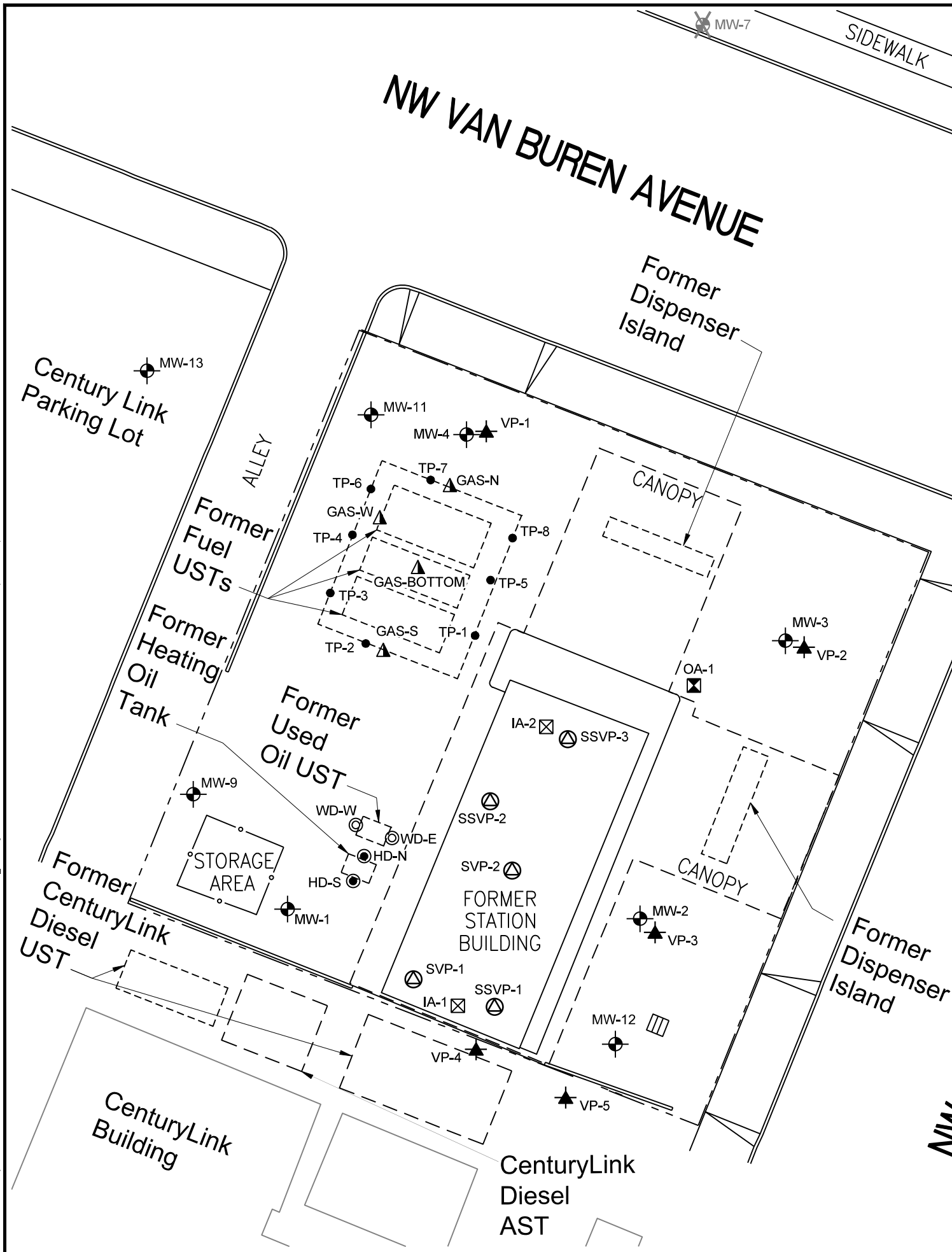
FORMER ARCO FACILITY No. 04194
240 NW 4TH STREET, CORVALLIS, OREGON
**SUPPLEMENTAL SITE INVESTIGATION,
CONCEPTUAL SITE MODEL, CORRECTIVE ACTION
PLAN, AND CLOSURE REQUEST**

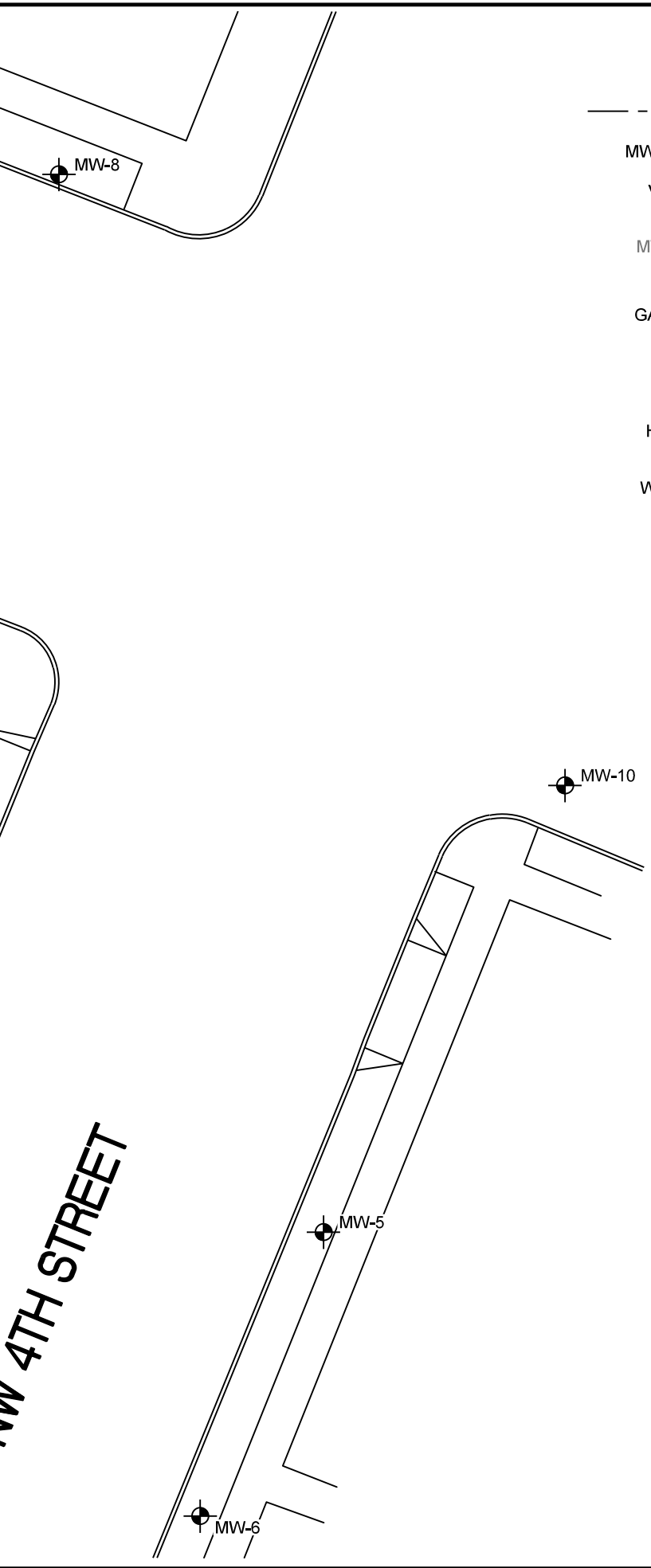
SITE PLAN



FIGURE

3



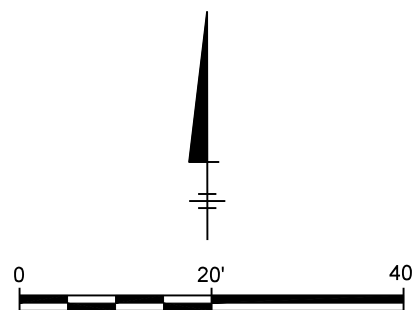


LEGEND

---	APPROXIMATE SITE BOUNDARY
MW-2	MONITORING WELL LOCATION AND IDENTIFICATION
VP-1	VAPOR WELL LOCATION AND IDENTIFICATION
MW-7	MONITORING WELL LOCATION AND IDENTIFICATION (ABANDONED JULY 1998)
GAS-S	FORMER GASOLINE UST EXCAVATION SAMPLING LOCATION, SECOR 2001
TP-1	FORMER TANK PIT EXCAVATION SAMPLING LOCATION, GEOCONN 2001
HD-N	FORMER HEATING OIL UST EXCAVATION SAMPLING LOCATION, GEOCONN 2001
WD-E	FORMER WASTE OIL UST EXCAVATION SAMPLING LOCATION, GEOCONN 2001

NOTES:

1. MAP BASED ON A SURVEY PERFORMED BY OTAK ON FEBRUARY 24, 2014



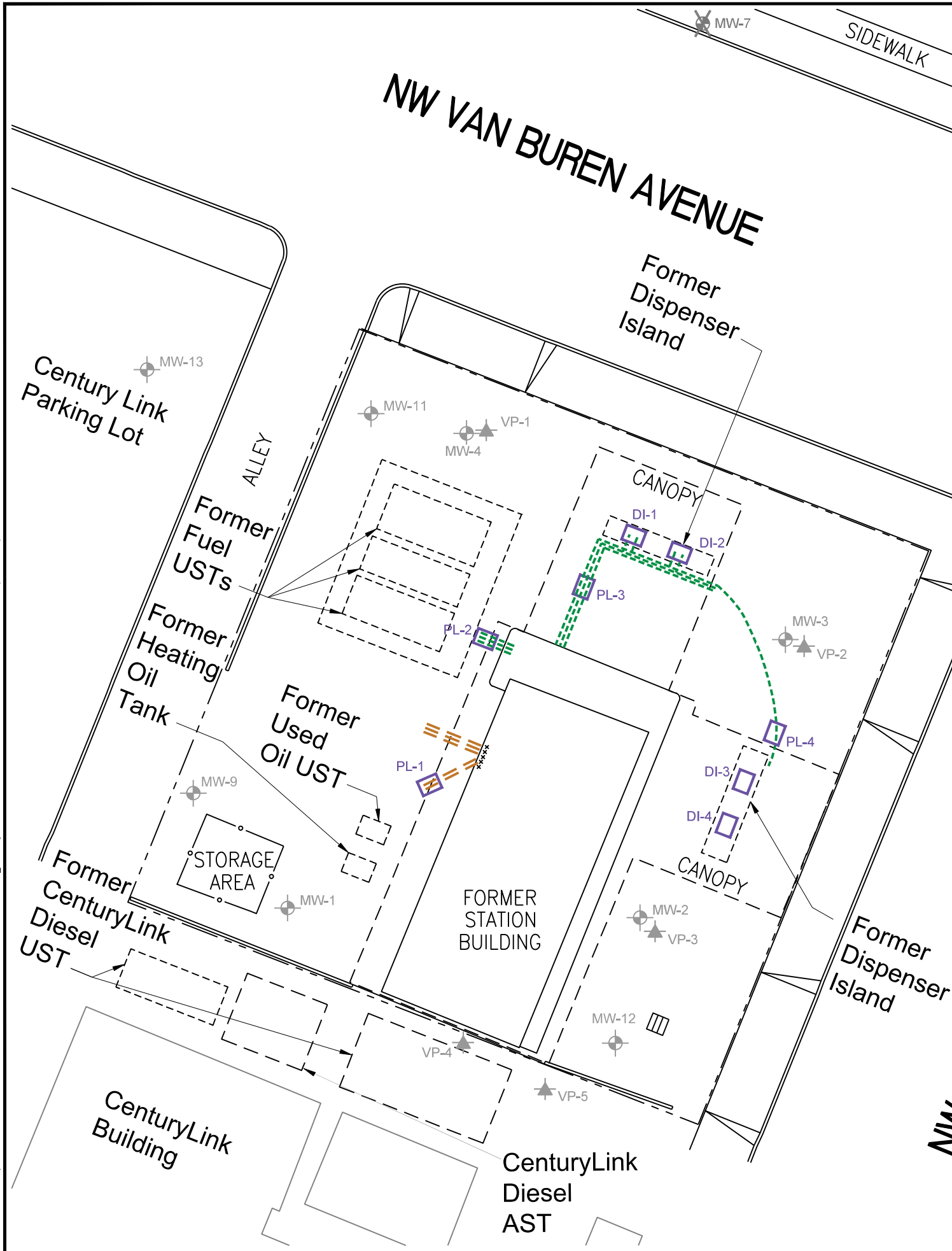
FORMER ARCO FACILITY No. 04194
240 NW 4TH STREET, CORVALLIS, OREGON
**SUPPLEMENTAL SITE INVESTIGATION,
CONCEPTUAL SITE MODEL, CORRECTIVE ACTION
PLAN, AND CLOSURE REQUEST**

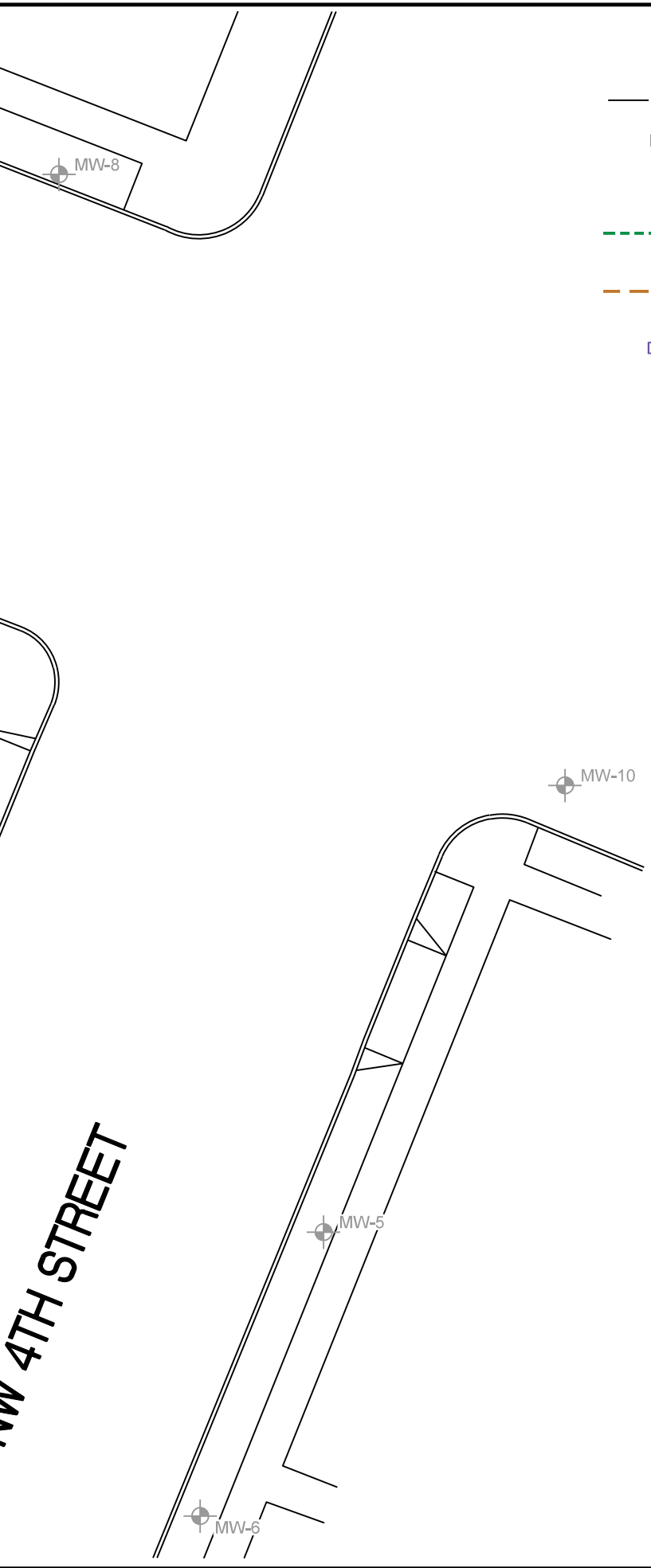
SITE PLAN WITH HISTORICAL SAMPLING LOCATIONS



FIGURE

4



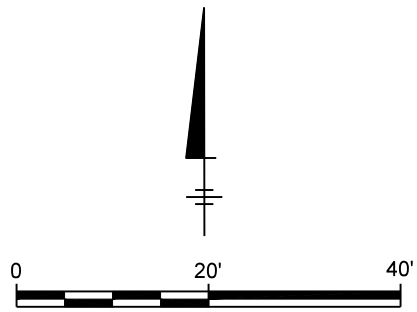


LEGEND

- APPROXIMATE SITE BOUNDARY
- MW-2 MONITORING WELL LOCATION AND IDENTIFICATION
- VP-1 VAPOR WELL LOCATION AND IDENTIFICATION
- APPROXIMATE LOCATION OF FORMER PRODUCT DISTRIBUTION PIPING PER GPR SCAN
- APPROXIMATE LOCATION OF VENT PIPING PER GPR SCAN
- DI-1 APPROXIMATE PIPELINE ACCESS AND CONFIRMATORY SAMPLING LOCATION
- xxxxx VENT POINTS

NOTES:

1. MAP BASED ON A SURVEY PERFORMED BY OTAK ON FEBRUARY 24, 2014



FORMER ARCO FACILITY No. 04194
240 NW 4TH STREET, CORVALLIS, OREGON
**SUPPLEMENTAL SITE INVESTIGATION,
CONCEPTUAL SITE MODEL, CORRECTIVE ACTION
PLAN, AND CLOSURE REQUEST**

**SITE PLAN WITH PRODUCT PIPING AND
CONFIRMATION SAMPLING LOCATIONS**



FIGURE
5

Appendix B

Disposal and Recycling Receipts

Cowlitz Clean Sweep
1121 Columbia Blvd
Longview, WA 98632

Time + Materials Billing

Bill to: Gerding Builders
200 SW Airport Avenue
Corvallis, OR 27333

Job: GER-Vac, Trans, Dispose
240 NW 4th Street
Corvallis, OR 97333

Contract#:
Our Job Number:

202216
4624036

Bill#:
Page: 1
Invoice date:
Thru date: 2/16/24

G/L date	Tran	Description	P.O.#	Rate	Hours/Qty	Extension	Markup	Total
----------	------	-------------	-------	------	-----------	-----------	--------	-------

Phase: 00 Job Cost / Cost Type: 1 Labor

IC	Operator - ST PW							
IC	Operator - OT PW							

Phase: 00 Job Cost / Cost Type: 4 Equipment Owned

EQ	120 BBL Liquid Vac Truck							
----	--------------------------	--	--	--	--	--	--	--

Phase: 00 Job Cost / Cost Type: 6 Other

IC	Fuel Surcharge							
IC	Protective Gear Level "D"							
IC	EZ Trip							
IC	WA L+I PW Intent/Affidavit Fee							

Notes for billing # 001

02/14/24
PO 202216
Vac Fuel Water Mix, Dispose
Corvallis, OR



STORE 1232
33380 Highway 34 SE
Albany, OR 97322

02/14/2024

SALE
Transaction #: 1625835

Qty	Name	Price	Total
1	Scales Weigh	13.50	13.50
	Subtotal		13.50
	Sales Tax		0.00
	Total		13.50

Received
Comdata
XXXXXXXXXXXX4224 IN
Approved
Auth #: 557097
Invoice Number: 1625835

TYPE: PURCHASE
COMDATA MASTERCARD (C)
AID: A0000000041010
TVR: 0400008000
IAD: 0110A0000122000000000000000000000000FF
ARC: Z3

IMPORTANT - Retain this copy for your records.

UnitLicenseNumber	SCALE
VehicleID	159
FuelPermitNumber	
TruckingCompanyName	PNE LLC



123201625835

Pos:1 Clerk:298
#ORIGINAL RECEIPT
Pilot Travel Centers LLC



STORE 1232
33380 Highway 34 SE
Albany, OR 97322

02/14/2024

SALE
Transaction #: 1625843

Qty	Name	Price	Total
1	Scales ReWeigh	4.00	4.00
Subtotal			4.00
Sales Tax			0.00
Total			4.00

Received
Comdata
XXXXXXXXXXXX4224 INSERT 4.00
Approved
Auth #: 560447
Invoice Number: 1625843

TYPE: PURCHASE
COMDATA MASTERCARD (C)
AID: A00000000041010
TVR: 0400008000
IAD: 0110A000012200000000000000000000FF
ARC: Z3

IMPORTANT - Retain this copy for your records.

UnitLicenseNumber SCALE
VehicleID 159
FuelPermitNumber
TruckingCompanyNamePNE LLC



123201625843

Pos:1 Clerk:298
#ORIGINAL RECEIPT
Pilot Travel Centers LLC



1177824045454
TICKET NUMBER

THE CAT SCALE GUARANTEE
The CAT Scale Company guarantees that our scales will give an accurate weight. What makes us different from other scale companies is that we back up our guarantee with cash.®

WEIGH WHAT WE SAY OR WE PAY®

If you get an overweight fine from the state AFTER one of our CAT Scales showed a legal weight, we will immediately check our scale and we will:
(1) Reimburse you for the cost of the overweight fine if our scale is wrong, OR
(2) A representative of CAT Scale Company will appear in court WITH the driver as an expert witness if we believe our scale was correct.

WEIGH
FASTER
WITH OUR APP.
WEIGHTMYTRUCK.COM

IF YOU SHOULD GET AN OVERWEIGHT FINE, YOU SHOULD DO THE FOLLOWING TO GET THE PROBLEM RESOLVED:

- 1) Post bond and request a court date.
- 2) Call CAT Scale Company direct 24 hours a day at 1-877-CAT-SCALE, ext. 7 (Toll Free) or visit www.catscaleguarantee.com for instructions.
- 3) **IMMEDIATELY** send a copy of the citation, CAT Scale Ticket, your name, company, address, and phone number to CAT Scale Company Attn: Guarantee Department.

**CERTIFIED
AUTOMATED
TRUCK
SCALE**

CAT SCALE COMPANY
P.O. BOX 630
WALCOTT, IA 52773
(877) 228-7225
www.catscale.com

DATE:

2-14-24
SHEET 1 OF 1
TICKET # 1177824045454

SCALE:
LOCATION:

1177824045454
E1 TRIP TRAVEL PLAZA
2-14-24
2 9 EXIT 228
GROSS WEIGHT 14240 1B
TARE WEIGHT 31720 1B
NET WEIGHT 11068 1B
77600 1B

This is to certify that the following described merchandise was weighed, counted, or measured by a public or deputy weighmaster, and when properly signed and sealed shall be prima facie evidence of the accuracy of the weight shown as prescribed by law.

LIVESTOCK, PRODUCE, PROPERTY, COMMODITY, OR ARTICLE WEIGHED

COMPANY FFS

FEE

\$13.50

WEIGHMASTER OR
WEIGHER SIGNATURE

[Signature]

TRACTOR # 1833

TICKET # OF
FULL \$ WEIGH
(IF REWEIGH)

25 00

CUSTOMER COPY



1177824045155
TICKET NUMBER

THE CAT SCALE GUARANTEE
The CAT Scale Company guarantees that our scales will give an accurate weight. What makes us different from other scale companies is that we back up our guarantee with cash.

WEIGH WHAT WE SAY OR WE PAY*

If you get an overweight fine from the state AFTER one of our CAT Scales showed a legal weight, we will immediately check our scale and we will:
(1) Reimburse you for the cost of the overweight fine if our scale is wrong, OR
(2) A representative of CAT Scale Company will appear in court WITH the driver as an expert witness if we believe our scale was correct.



**CERTIFIED
AUTOMATED
TRUCK
SCALE**

CAT SCALE COMPANY
P.O. BOX 630
WALCOTT, IA 52773
(877) 228-7225
www.catscale.com



PUBLIC WEIGHTMASTER'S
CERTIFICATE OF
WEIGHT & MEASURE

SCALE:
LOCATION:

DATE:

- IF YOU SHOULD GET AN OVERWEIGHT FINE, YOU SHOULD DO THE FOLLOWING TO GET THE PROBLEM RESOLVED:**
- 1) Post bond and request a court date.
 - 2) Call CAT Scale Company direct 24 hours a day at 1-877-CATSCALE ext. 7 (Toll Free) or visit www.catscaleguarantee.com
 - 3) IMMEDIATELY send a copy of the citation, CAT Scale Ticket, your name, company, address, and phone number to CAT Scale Company Attn: Guarantee Department.

* The four weights shown below are separate weights. The GROSS WEIGHT is the CERTIFIED WEIGHT and was weighed on a full length platform scale. All weights are guaranteed by CAT Scale.

1778'	STEER AXLE	21360	1 lb
15 EXIT 228	DRIVE AXLE	34540	1 lb
ALBANY OR	TRAILER AXLE	31720	1 lb
	GROSS WEIGHT	77620	1 lb

This is to certify that the following described merchandise was weighed, counted, or measured by a public or deputy weighmaster, and when properly signed and sealed shall be prima facie evidence of the accuracy of the weight shown as prescribed by law.

LIVESTOCK, PRODUCE, PROPERTY, COMMODITY, OR ARTICLE WEIGHED FEIGHT ALL KINDS

COMPANY CCS TRACTOR # 1859 TRAILER # 225

WEIGHMASTER OR
WEIGHER SIGNATURE [Signature] TICKET # OF 1177824045155
FULL \$ WEIGH (IF REWEIGH)

WEIGHT NUMBER
5154
CUSTOMER COPY



OrrcoTM
The oil recycler.

Head Office
4150 N. Suttle Rd.
Portland, OR 97217
1-800-367-8894

RECEIVING RECORD

R 01-24-0214-003

Received From:

Cowlitz Clean Sweep
55 International Way
Longview WA 98632
EPA# WAD988467197
Phone: 360-423-6316
Customer ID# **711**
Driver: MICHAEL

Receiving Location: Plant # 1

FPI
4150 N. Suttle Road
Portland, OR 97217

Phone 503-286-8352
EPA# ORD980975692

Date	Terms	Written By	Sales Rep.	Page
02/14/24	-0-	Collin	84	1 of 1

Line	Qty.	Unit	Item	%H2O	Manifest #	B/L#	Net Qty
------	------	------	------	------	------------	------	---------

1	1	Each	Truck Wash Out Generator ID# 711				
			Cowlitz Clean Sweep				

2	1	Each	XRF Analysis Testing Generator ID# 711				
			Cowlitz Clean Sweep				

Total Each 2.

3	4700	Gal.	Emulsified Fuel Generator ID# 711				
			Cowlitz Clean Sweep				
			PROFILE AND SDS ATTACHED				

5 % 202216

4	300	Gal.	Suspended Solids Generator ID# 711				
			Cowlitz Clean Sweep				

202216

Total Gal. 5000.

Customer warrants that the waste petroleum products being received do not contain any contaminants including, without limitation, pesticides, chlorinated solvents at total concentrations greater than 1000 PPM, PCB's greater than 2 PPM, or any other material classified as hazardous waste by 40 CFR part 261, Subparts C and D (implementing the Federal Resource Conservation and Recovery Act) or by any other state or local hazardous waste classification program. Should Laboratory tests find this product not in compliance with 40 CFR part 261 customer agrees to pay all disposal costs incurred.

Signed X _____

DATE: 02/14/24

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number		2. Page 1 of		3. Emergency Response Phone		4. Waste Tracking Number	
						888-433-8378		307218	
5. Generator's Name and Mailing Address		Generator's Site Address (if different than mailing address)							
		Benton County Department of Public Works 240 Hwy 21st Street Corvallis, OR 97330 USA							
Generator's Phone:								U.S. EPA ID Number	
6. Transporter 1 Company Name		CORCO, Inc.						WAH000014024	
7. Transporter 2 Company Name								U.S. EPA ID Number	
8. Designated Facility Name and Site Address		CORCO, Inc. 4150 N. State Rd. Portland, OR 97217 USA						U.S. EPA ID Number ORD000000002	
Facility's Phone:		800-567-8894							
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity		12. Unit Wt./Vol.			
		No. Type							
1. MATERIAL NOT REGULATED BY DOT (UST Sludges)		1		T		3000			
2.									
3.									
4.									
13. Special Handling Instructions and Additional Information									
CORCO 100-202216 1/17/25									
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.									
Generator's/Officer's Printed/Typed Name						Signature		Month Day Year	
15. International Shipments ☐ Import to U.S. ☐ Export from U.S.						Port of entry/exit: Date leaving U.S.:			
Transporter Signature (for exports only):									
16. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name						Signature		Month Day Year	
Transporter 2 Printed/Typed Name						Signature		Month Day Year	
17. Discrepancy									
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
Manifest Reference Number:									
17b. Alternate Facility (or Generator)						U.S. EPA ID Number			
Facility's Phone:									
17c. Signature of Alternate Facility (or Generator)						Month Day Year			
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a									
Printed/Typed Name						Signature		Month Day Year	



Date	Invoice #
2/15/2024	463100

Bill To	
Gerding Builders LLC 200 SW Airport Ave Corvallis OR 97339	

Ship To
Benton County Public Works 240 NW 4th St Corvallis OR 97330

Resell Expires	
----------------	--

Option	P.O. Number	Terms	Due Date	Ship Date	Bill of Lading	Account #
Email		30 Days Net	3/16/2024	2/14/2024	R1240214003	8434

[illegible]

	Total
--	-------

Phone #	Fax #	E-mail
503-286-8352	503-286-5027	ar@orrcorecycles.com

We accept all major credit cards.

Remit payment to: 4150 N Suttle Rd. Portland, OR 97217-7717
Unpaid invoices past 30 days will incur a 1.5% per month finance charge.

Burcham's Metals Inc.

3407 Pacific Blvd SW

Albany, OR 97321

541-926-4616 Phone

BENTON COUNTY PUBLIC WORKS

360 SW AVERY AVE

CORVALLIS, OR 97333

Driver's Lic:* GOV OR

Ticket No. **334417**

Date: 3/7/24 11:03 am

**** REPRINTED TICKET ****

LEGEND:

"M" Manually Entered Weight

"S" Scale/Scaled Weight

Item	Gross Price	Tare	Net Total
------	-------------	------	-----------

Tin (Iron/Steel)			
2,393.0 ^S	1,334.0 ^M	1,034.0	
\$115.000 NTon		\$59.46	
Dirty was found. Weight Adjusted by 25.0			

Tin (Iron/Steel)			
993.0 ^S	611.0 ^M	347.0	
\$115.000 NTon		\$19.95	
Dirty was found. Weight Adjusted by 35.0			

Total	
Payment	\$79.41

Chk# 181477 \$79.41

I, _____
affirm under penalty of law
that the property I am
selling in this transaction
is not, to the best of my
knowledge, stolen property.

I affirm by my signature that
under penalty of law that the
information I provided and
reflected on this form is
true and accurate.

X

Please Sign & Date:

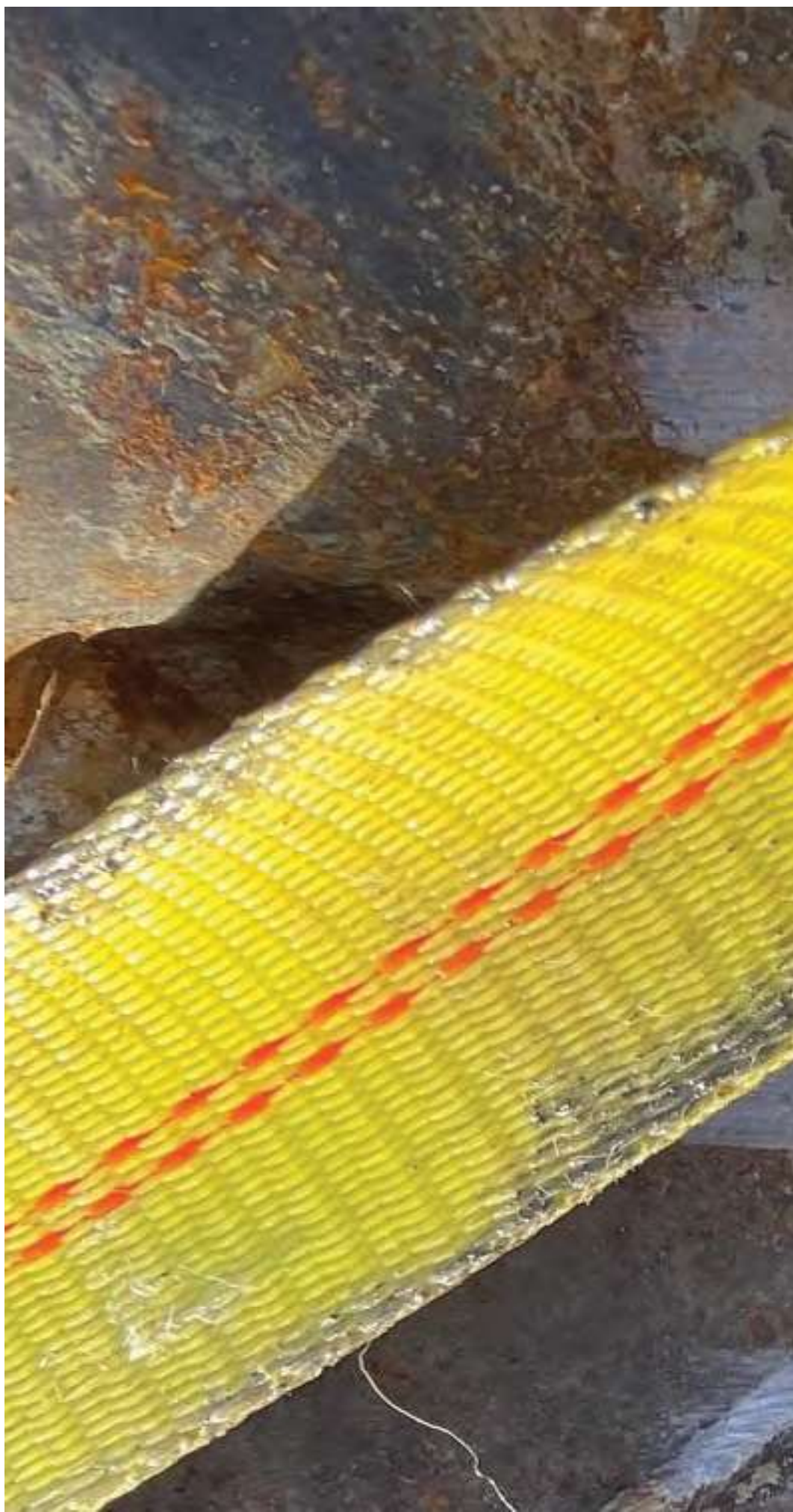
X

Employee Print:

X

Employee Sign & Date:





















2/15/24

246 NW

Corva

1



14th St
Ellis, OR 97332

Benton County DPL

















4-11
4-11

MD

Bottom Layer

Depth

Stalls?



CP 41334

R





















Appendix C

DEQ Communications

From: [PARDUE Dave * DEQ](#)
To: [Craig Peterson](#)
Cc: [Nick Thornton](#); [ECKERT Dylan * DEQ](#)
Subject: RE: Benton County Crisis Center/Formal ARCO
Date: Thursday, February 15, 2024 2:34:24 PM
Attachments: [image001.png](#)

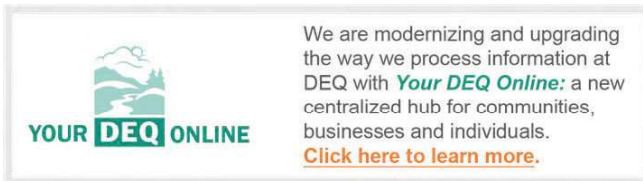
Great plan. Is anything else required in the CMMP? Can you please send a copy?

Dave Pardue

Underground Storage Tank Program Coordinator
Oregon Department of Environmental Quality
700 NE Multnomah Street, Suite 600
Portland, OR 97232
503-229-6085
Pronouns: He/Him/His

Sign-up for UST Program Updates Here:

https://service.govdelivery.com/accounts/ORDEQ/subscriber/new?topic_id=ORDEQ_546



From: Craig Peterson <Craig.Peterson@pbsusa.com>
Sent: Thursday, February 15, 2024 1:58 PM
To: PARDUE Dave * DEQ <Dave.Pardue@DEQ.Oregon.gov>
Cc: Nick Thornton <Nick.Thornton@pbsusa.com>; ECKERT Dylan * DEQ <Dylan.ECKERT@deq.oregon.gov>
Subject: RE: Benton County Crisis Center/Formal ARCO

The excavated soil is directly transported to Coffin Butte Landfill. The site soil was previously characterized with waste classification samples and disposal was coordinated with Coffin Butte / Republic. The mass excavation is ongoing and will likely be completed in the next week or so. They excavate a portion of the site down to the civil grade, place geotextile fabric then backfill with clean / virgin ¾" minus compacted fill.

Please feel free to schedule a call with any further questions.

Craig Peterson, PE | he/him | Senior Environmental Engineer | PBS Vancouver | 360.567.2130 (direct)
Available M–Fri, 8 AM to 5 PM

From: PARDUE Dave * DEQ <Dave.Pardue@DEQ.Oregon.gov>
Sent: Thursday, February 15, 2024 1:48 PM
To: Craig Peterson <Craig.Peterson@pbsusa.com>
Cc: Nick Thornton <Nick.Thornton@pbsusa.com>; ECKERT Dylan * DEQ

<Dylan.ECKERT@deq.oregon.gov>

Subject: RE: Benton County Crisis Center/Formal ARCO

Hi Craig-

Those tanks are barely 4 ft long, so one is fine.

Is the soil removed stockpiled on-site?

When is the rest of the site grading and mass soil removal/disposal scheduled for?

Thanks,

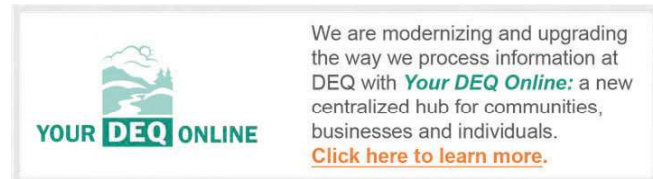
Dave

Dave Pardue

Underground Storage Tank Program Coordinator
Oregon Department of Environmental Quality
700 NE Multnomah Street, Suite 600
Portland, OR 97232
503-229-6085
Pronouns: He/Him/His

Sign-up for UST Program Updates Here:

https://service.govdelivery.com/accounts/ORDEQ/subscriber/new?topic_id=ORDEQ_546



From: Craig Peterson <Craig.Peterson@pbsusa.com>

Sent: Thursday, February 15, 2024 1:38 PM

To: PARDUE Dave * DEQ <Dave.Pardue@DEQ.Oregon.gov>

Cc: Nick Thornton <Nick.Thornton@pbsusa.com>; ECKERT Dylan * DEQ <Dylan.ECKERT@deq.oregon.gov>

Subject: RE: Benton County Crisis Center/Formal ARCO

Dave,

This morning one 550-gallon UST with water was pumped and the other 550-gallon UST that was previously decommissioned and full of CDF was cleaned of the CDF. Both steel 550-gallon UST carcasses were removed. The contractor excavated to the proposed civil grading depth, and one post excavation sample per UST was collected (total of two) per our conversation and emails this morning. The excavations have been backfilled with clean fill (3/4" minus compacted). UST site

closure activities were completed around noon today.

No visible corrosion holes were observed on either of the UST carcasses. No piping was encountered.

The post excavation samples were submitted for standard turnaround time analysis. The steel tank carcasses will be sent off for recycling.

Please note, the post excavation samples were collected per our conversation last night (one per UST).

Please call me if you have any questions.

Craig Peterson, PE | he/him | Senior Environmental Engineer | PBS Vancouver | 360.567.2130 (direct)
Available M–Fri, 8 AM to 5 PM

From: PARDUE Dave * DEQ <Dave.Pardue@DEQ.Oregon.gov>

Sent: Thursday, February 15, 2024 1:10 PM

To: Craig Peterson <Craig.Peterson@pbsusa.com>

Subject: RE: Benton County Crisis Center/Formal ARCO

Hi Craig-

Sorry- I meant to also ask: what is the grading and excavation schedule, since I would like to come by if I can.

And any updates on discoveries from today?

Thanks,

Dave

Dave Pardue

Underground Storage Tank Program Coordinator

Oregon Department of Environmental Quality

700 NE Multnomah Street, Suite 600

Portland, OR 97232

503-229-6085

Pronouns: He/Him/His

Sign-up for UST Program Updates Here:

https://service.govdelivery.com/accounts/ORDEQ/subscriber/new?topic_id=ORDEQ_546



We are modernizing and upgrading the way we process information at DEQ with **Your DEQ Online**: a new centralized hub for communities, businesses and individuals.
[Click here to learn more.](#)

From: Craig Peterson <Craig.Peterson@pbsusa.com>
Sent: Wednesday, February 14, 2024 5:20 PM
To: PARDUE Dave * DEQ <Dave.Pardue@DEQ.Oregon.gov>
Subject: FW: Benton County Crisis Center/Formal ARCO

You don't often get email from craig.peterson@pbsusa.com. [Learn why this is important](#)

Dave, I forgot to spell out Oregon in your email. Sorry about that. Thank you for joining our call today!

Craig Peterson, PE | he/him | Senior Environmental Engineer | PBS Vancouver | 360.567.2130 (direct)
Available M–Fri, 8 AM to 5 PM

From: Craig Peterson
Sent: Wednesday, February 14, 2024 5:18 PM
To: ECKERT Dylan * DEQ <Dylan.ECKERT@deq.oregon.gov>; Dave.Pardue@DEQ.OR.Gov
Cc: Nick Thornton <Nick.Thornton@pbsusa.com>; DJ Burrows <David.Burrows@pbsusa.com>; WALLSINGER Paul <Paul.Wallsinger@bentoncountyor.gov>; Jorge Juarez Hernandez <jorgejh@gerdingbuilders.com>
Subject: Benton County Crisis Center/Formal ARCO

Dylan and Dave,

Following up on our conference call today regarding underground storage tanks (USTs) discovered at the proposed Benton County Crisis Center located at 240 NW 4th Street in Corvallis, Oregon. Previous site investigations (LUST02-69-4001 and Lust 02-91-4086) identified leaking underground storage tanks (LUSTs) and a subsequent investigation completed by the responsible party (ARCO) consisted of soil and groundwater delineation of petroleum impacts and issuing of a conditional no further action determination by DEQ.

On 24 January 2024 a discovered UST was removed, and a release notification was provide to DEQ (LUST 02-24-0023/DEQ UST Facility 4194). The 20-day Initial report was submitted to DEQ for this UST on 13 February 2024.

An additional UST was discovered on 12 February 2024. In order to assess if more un-discovered USTs were present, a magnetometer field screening of the property was completed, and anomalies were identified. These anomalies have been investigated and so far an additional UST was encountered.

The entire proposed building footprint will be excavated to 5 feet below grade as part of the civil grading. The entire remaining portion of the site will be excavated to 2.5 feet below grade with utility corridors to a deeper depth. The impacted soil is disposed of offsite at an approved location (Coffin Butte Landfill).

30-Day Notification Waive

We would request DEQ to waive the 30-day notification for the closure of the UST. We propose to remove the USTs Thursday 15 February 2024 by a licensed UST Supervisor.

Register and Submit Registration Fee of Encountered UST

The encountered USTs will be registered and the required registration fee of \$500 per UST will be provided.

Alternative Sampling Program

Due to the numerous former USTs, the extensive previous site characterization, we propose an alternative sampling program. Due to the proposed civil grading, we propose collection of post excavation samples below the removed USTs at the final civil grading depth or the bottom of the UST (whichever is deeper). We propose a reduced sampling program consisting of one soil post excavation sample per UST. The samples will be submitted to an accredited laboratory and analyzed for NWTPH-HCID with appropriate follow-up analysis on a standard laboratory turnaround time.

20-Day Report

A single 20-day notification will be provided for all the USTs removed in February 2024. A previous 20-Day report for the UST discovered on 24 January 2024 was already provided to DEQ.

UST Closure Report Time Extension Request

We request DEQ to allow for all the USTs to be documented in one UST Closure report (including UST encountered on 24 January 2024). We would request an extension of time from 45-days to 90 days due to the complexity of the site.

Regards,

Craig Peterson, PE (he/him)
Senior Environmental Engineer

PBS | Celebrating 40 Years

Our office has relocated to:

1325 SE Tech Center Dr., Suite 140, Vancouver, WA 98683

office: 360.695.3488 | direct: 360.567.2130

Available M-Fri 8 AM to 5 PM

Craig.Peterson@pbsusa.com

pbsusa.com

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Appendix D

Photo Documentation



Photo 1. Looking east toward the at the former location of UST-01. Contaminated water spilled from the tank during removal and was subsequently pumped and containerized. The water visible in the photo is groundwater that recharged into the excavation following pumping.

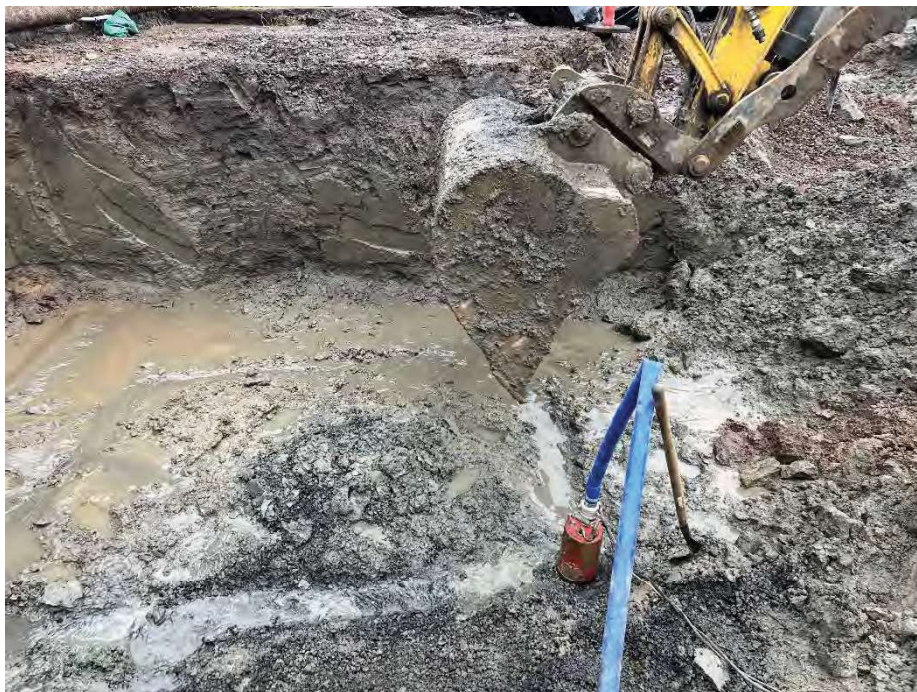


Photo 2. Soil samples were collected from the tank excavation using an excavator bucket. Visible petroleum contamination is widespread at the site.



Photo 3. PBS contracted Alpha Locates of Gaston, Oregon to scan the remainder of the site for additional underground storage tanks (USTs).



Photo 4. UST-02 was located near the northeastern corner of the site. It was observed to be previously decommissioned with controlled density fill (CDF).



Photo 5. UST-03 was located to the south of UST-02. The tank was observed to contain gasoline-impacted water.



Photo 6. The tanks were cleaned with assistance from Cowlitz Clean Sweep (CCS) of Portland, Oregon. Following cleaning the tanks were disposed of at a recycling facility.

Appendix E

Laboratory Reports



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

Thursday, February 1, 2024

Bret Waldron

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

RE: A4A1441 - Benton County Crisis Center - 52774.001

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 A4A1441, which was received by the laboratory on 1/25/2024 at 1:50:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: jwoodcock@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			
<u>Acceptable Receipt Temperature is less than, or equal to, 6 degC (not frozen), or received on ice the same day as sampling.</u>			
(See Cooler Receipt Form for details)			
Cooler#1	2.5	degC	Cooler#2 2.1 degC

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.

All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.



Apex Laboratories

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Jason Woodcock, Project Manager

**ANALYTICAL REPORT****AMENDED REPORT****Apex Laboratories, LLC****6700 S.W. Sandburg Street****Tigard, OR 97223****503-718-2323****ORELAP ID: OR100062****PBS Engineering and Environmental (Eugene)****3500 Chad Dr. Suite 100****Eugene, OR 97408**Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 01 24 1413****ANALYTICAL REPORT FOR SAMPLES****SAMPLE INFORMATION**

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Tank Water	A4A1441-02	Water	01/25/24 10:00	01/25/24 13:50

Apex Laboratories

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Jason Woodcock, Project Manager

**ANALYTICAL REPORT****AMENDED REPORT****Apex Laboratories, LLC**

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 01 24 1413****ANALYTICAL CASE NARRATIVE**Work Order: **A4A1441****Apex Laboratories**

Amended Report Revision 1:

This report supersedes all previous reports.

Preliminary Data Updated: EPA 8260D Volatiles

Sample Tank Water (A4A1441-02): Sample originally reported Benzene (over calibration range) and Naphthalene (failing blank spike) as preliminary data. The sample was re-analyzed and corrected data is included herein.

Mark Zehr
Organics Manager
01/29/2024

At the request of the client, partial final results have been included in this report. The additional results for analyses performed under Work Order A4A1441 will be included in an separate partial final report.

Jason Woodcock
Project Manager
2/1/24

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Jason Woodcock, Project Manager



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Eugene, OR 97408

Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 01 24 1413**

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
Tank Water (A4A1441-02)				Matrix: Water		Batch: 24A0808		DCNT
Diesel	1000	---	85.1	ug/L	1	01/26/24 10:51	NWTPH-Dx LL	F-18
Oil	ND	---	170	ug/L	1	01/26/24 10:51	NWTPH-Dx LL	
<i>Surrogate: o-Terphenyl (Surr)</i>		<i>Recovery: 100 %</i>		<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/26/24 10:51</i>	<i>NWTPH-Dx LL</i>	

Apex Laboratories

Jason Woodcock, Project Manager

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Eugene, OR 97408

Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 01 24 1413**

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
Tank Water (A4A1441-02)				Matrix: Water		Batch: 24A0812		
Gasoline Range Organics	24200	---	1000	ug/L	10	01/26/24 13:42	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	98 %	Limits: 50-150 %	1	01/26/24 13:42	NWTPH-Gx (MS)	
1,4-Difluorobenzene (Sur)			97 %	50-150 %	1	01/26/24 13:42	NWTPH-Gx (MS)	

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Eugene, OR 97408

Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 01 24 1413**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
Tank Water (A4A1441-02)		Matrix: Water		Batch: 24A0812				
Acetone	ND	---	200	ug/L	10	01/26/24 13:42	EPA 8260D	R-02
Acrylonitrile	ND	---	80.0	ug/L	10	01/26/24 13:42	EPA 8260D	
Bromobenzene	ND	---	5.00	ug/L	10	01/26/24 13:42	EPA 8260D	
Bromochloromethane	ND	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
Bromodichloromethane	ND	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
Bromoform	ND	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
Bromomethane	ND	---	50.0	ug/L	10	01/26/24 13:42	EPA 8260D	
2-Butanone (MEK)	ND	---	100	ug/L	10	01/26/24 13:42	EPA 8260D	
n-Butylbenzene	17.2	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
sec-Butylbenzene	ND	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
tert-Butylbenzene	ND	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
Carbon disulfide	ND	---	100	ug/L	10	01/26/24 13:42	EPA 8260D	
Carbon tetrachloride	ND	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
Chlorobenzene	ND	---	5.00	ug/L	10	01/26/24 13:42	EPA 8260D	
Chloroethane	ND	---	50.0	ug/L	10	01/26/24 13:42	EPA 8260D	
Chloroform	ND	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
Chloromethane	ND	---	50.0	ug/L	10	01/26/24 13:42	EPA 8260D	
2-Chlorotoluene	ND	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
4-Chlorotoluene	ND	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
Dibromochloromethane	ND	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
1,2-Dibromo-3-chloropropane	ND	---	50.0	ug/L	10	01/26/24 13:42	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	---	5.00	ug/L	10	01/26/24 13:42	EPA 8260D	
Dibromomethane	ND	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
1,2-Dichlorobenzene	ND	---	5.00	ug/L	10	01/26/24 13:42	EPA 8260D	
1,3-Dichlorobenzene	ND	---	5.00	ug/L	10	01/26/24 13:42	EPA 8260D	
1,4-Dichlorobenzene	ND	---	5.00	ug/L	10	01/26/24 13:42	EPA 8260D	
Dichlorodifluoromethane	ND	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
1,1-Dichloroethane	ND	---	4.00	ug/L	10	01/26/24 13:42	EPA 8260D	
1,2-Dichloroethane (EDC)	13.3	---	4.00	ug/L	10	01/26/24 13:42	EPA 8260D	
1,1-Dichloroethene	ND	---	4.00	ug/L	10	01/26/24 13:42	EPA 8260D	
cis-1,2-Dichloroethene	ND	---	4.00	ug/L	10	01/26/24 13:42	EPA 8260D	
trans-1,2-Dichloroethene	ND	---	4.00	ug/L	10	01/26/24 13:42	EPA 8260D	
1,2-Dichloropropane	ND	---	5.00	ug/L	10	01/26/24 13:42	EPA 8260D	
1,3-Dichloropropane	ND	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
2,2-Dichloropropane	ND	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
1,1-Dichloropropene	ND	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
cis-1,3-Dichloropropene	ND	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 01 24 1413**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
Tank Water (A4A1441-02)		Matrix: Water			Batch: 24A0812			
trans-1,3-Dichloropropene	ND	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
Ethylbenzene	695	---	5.00	ug/L	10	01/26/24 13:42	EPA 8260D	
Hexachlorobutadiene	ND	---	50.0	ug/L	10	01/26/24 13:42	EPA 8260D	
2-Hexanone	ND	---	100	ug/L	10	01/26/24 13:42	EPA 8260D	
Isopropylbenzene	21.8	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
4-Isopropyltoluene	ND	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
Methylene chloride	ND	---	100	ug/L	10	01/26/24 13:42	EPA 8260D	
4-Methyl-2-pentanone (MiBK)	ND	---	100	ug/L	10	01/26/24 13:42	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
n-Propylbenzene	62.7	---	5.00	ug/L	10	01/26/24 13:42	EPA 8260D	
Styrene	ND	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
1,1,1,2-Tetrachloroethane	ND	---	4.00	ug/L	10	01/26/24 13:42	EPA 8260D	
1,1,2,2-Tetrachloroethane	ND	---	5.00	ug/L	10	01/26/24 13:42	EPA 8260D	
Tetrachloroethene (PCE)	ND	---	4.00	ug/L	10	01/26/24 13:42	EPA 8260D	
Toluene	174	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
1,2,3-Trichlorobenzene	ND	---	20.0	ug/L	10	01/26/24 13:42	EPA 8260D	
1,2,4-Trichlorobenzene	ND	---	20.0	ug/L	10	01/26/24 13:42	EPA 8260D	
1,1,1-Trichloroethane	ND	---	4.00	ug/L	10	01/26/24 13:42	EPA 8260D	
1,1,2-Trichloroethane	ND	---	5.00	ug/L	10	01/26/24 13:42	EPA 8260D	
Trichloroethene (TCE)	ND	---	4.00	ug/L	10	01/26/24 13:42	EPA 8260D	
Trichlorofluoromethane	ND	---	20.0	ug/L	10	01/26/24 13:42	EPA 8260D	
1,2,3-Trichloropropane	ND	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
1,2,4-Trimethylbenzene	301	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
1,3,5-Trimethylbenzene	83.2	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
Vinyl chloride	ND	---	2.00	ug/L	10	01/26/24 13:42	EPA 8260D	
m,p-Xylene	2000	---	10.0	ug/L	10	01/26/24 13:42	EPA 8260D	
o-Xylene	823	---	5.00	ug/L	10	01/26/24 13:42	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery: 93 %		Limits: 80-120 %	1	01/26/24 13:42	EPA 8260D	
Toluene-d8 (Surr)		101 %		80-120 %	1	01/26/24 13:42	EPA 8260D	
4-Bromofluorobenzene (Surr)		97 %		80-120 %	1	01/26/24 13:42	EPA 8260D	

Tank Water (A4A1441-02RE1)

Matrix: Water

Batch: 24A0812

Benzene	1860	---	20.0	ug/L	100	01/26/24 21:13	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery: 87 %		Limits: 80-120 %	1	01/26/24 21:13	EPA 8260D	
Toluene-d8 (Surr)		104 %		80-120 %	1	01/26/24 21:13	EPA 8260D	
4-Bromofluorobenzene (Surr)		106 %		80-120 %	1	01/26/24 21:13	EPA 8260D	

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

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Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 01 24 1413**

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
Tank Water (A4A1441-02RE2)				Matrix: Water		Batch: 24A0811		
Naphthalene	139	---	50.0	ug/L	10	01/26/24 22:52	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)			Recovery: 96 %	Limits: 80-120 %	1	01/26/24 22:52	EPA 8260D	
Toluene-d8 (Surr)			102 %	80-120 %	1	01/26/24 22:52	EPA 8260D	
4-Bromofluorobenzene (Surr)			93 %	80-120 %	1	01/26/24 22:52	EPA 8260D	

Apex Laboratories

Jason Woodcock, Project Manager

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**ANALYTICAL REPORT****AMENDED REPORT****Apex Laboratories, LLC****6700 S.W. Sandburg Street****Tigard, OR 97223****503-718-2323****ORELAP ID: OR100062****PBS Engineering and Environmental (Eugene)****3500 Chad Dr. Suite 100****Eugene, OR 97408**Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 01 24 1413****ANALYTICAL SAMPLE RESULTS****Polychlorinated Biphenyls by EPA 8082A**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
Tank Water (A4A1441-02)				Matrix: Water		Batch: 24A0806		C-07, DCNT
Aroclor 1016	ND	---	0.106	ug/L	1	01/26/24 12:49	EPA 8082A	
Aroclor 1221	ND	---	0.106	ug/L	1	01/26/24 12:49	EPA 8082A	
Aroclor 1232	ND	---	0.106	ug/L	1	01/26/24 12:49	EPA 8082A	
Aroclor 1242	ND	---	0.106	ug/L	1	01/26/24 12:49	EPA 8082A	
Aroclor 1248	ND	---	0.106	ug/L	1	01/26/24 12:49	EPA 8082A	
Aroclor 1254	ND	---	0.106	ug/L	1	01/26/24 12:49	EPA 8082A	
Aroclor 1260	ND	---	0.106	ug/L	1	01/26/24 12:49	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl (Surr)</i>			<i>Recovery: 89 %</i>	<i>Limits: 40-135 %</i>	<i>1</i>	<i>01/26/24 12:49</i>	<i>EPA 8082A</i>	

Apex Laboratories

Jason Woodcock, Project Manager

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Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 01 24 1413**

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270E (SIM)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
Tank Water (A4A1441-02)				Matrix: Water		Batch: 24A0908		DCNT
Acenaphthene	0.0734	---	0.0421	ug/L	1	01/30/24 13:27	EPA 8270E SIM	
Acenaphthylene	ND	---	0.0421	ug/L	1	01/30/24 13:27	EPA 8270E SIM	
Anthracene	ND	---	0.0421	ug/L	1	01/30/24 13:27	EPA 8270E SIM	
Benz(a)anthracene	ND	---	0.0421	ug/L	1	01/30/24 13:27	EPA 8270E SIM	
Benzo(a)pyrene	ND	---	0.0421	ug/L	1	01/30/24 13:27	EPA 8270E SIM	
Benzo(b)fluoranthene	ND	---	0.0421	ug/L	1	01/30/24 13:27	EPA 8270E SIM	
Benzo(k)fluoranthene	ND	---	0.0421	ug/L	1	01/30/24 13:27	EPA 8270E SIM	
Benzo(g,h,i)perylene	ND	---	0.0421	ug/L	1	01/30/24 13:27	EPA 8270E SIM	
Chrysene	ND	---	0.0421	ug/L	1	01/30/24 13:27	EPA 8270E SIM	
Dibenz(a,h)anthracene	ND	---	0.0421	ug/L	1	01/30/24 13:27	EPA 8270E SIM	
Fluoranthene	ND	---	0.0421	ug/L	1	01/30/24 13:27	EPA 8270E SIM	
Fluorene	0.147	---	0.0421	ug/L	1	01/30/24 13:27	EPA 8270E SIM	
Indeno(1,2,3-cd)pyrene	ND	---	0.0421	ug/L	1	01/30/24 13:27	EPA 8270E SIM	
1-Methylnaphthalene	11.4	---	0.0842	ug/L	1	01/30/24 13:27	EPA 8270E SIM	
Phenanthrene	0.0838	---	0.0421	ug/L	1	01/30/24 13:27	EPA 8270E SIM	
Pyrene	ND	---	0.0421	ug/L	1	01/30/24 13:27	EPA 8270E SIM	
Dibenzofuran	ND	---	0.0421	ug/L	1	01/30/24 13:27	EPA 8270E SIM	
Surrogate: 2-Fluorobiphenyl (Surr)			Recovery: 63 %	Limits: 44-120 %	1	01/30/24 13:27	EPA 8270E SIM	
p-Terphenyl-d14 (Surr)			54 %	50-134 %	1	01/30/24 13:27	EPA 8270E SIM	

Tank Water (A4A1441-02RE1)

Matrix: Water

Batch: 24A0908

2-Methylnaphthalene	18.3	---	1.68	ug/L	20	01/30/24 14:37	EPA 8270E SIM
Naphthalene	85.0	---	1.68	ug/L	20	01/30/24 14:37	EPA 8270E SIM

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Jason Woodcock, Project Manager

**ANALYTICAL REPORT**

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 01 24 1413****ANALYTICAL SAMPLE RESULTS****Dissolved Metals by EPA 200.8 (ICPMS)**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
Tank Water (A4A1441-02)				Matrix: Water				
Batch: 24A0805								
Lead	28.9	---	0.200	ug/L	1	01/25/24 23:46	EPA 200.8 (Diss)	CONT

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Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 01 24 1413**

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 24A0808 - EPA 3510C (Fuels/Acid Ext.)						Water						
Blank (24A0808-BLK1)		Prepared: 01/26/24 04:56 Analyzed: 01/26/24 09:33										
NWTPH-Dx LL												
Diesel	ND	---	80.0	ug/L	1	---	---	---	---	---	---	
Oil	ND	---	160	ug/L	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 92 %		Limits: 50-150 %		Dilution: 1x						
Blank (24A0808-BLK2)		Prepared: 01/26/24 04:56 Analyzed: 01/26/24 20:15										
NWTPH-Dx LL												
Diesel	ND	---	80.0	ug/L	1	---	---	---	---	---	---	
Oil	ND	---	160	ug/L	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 92 %		Limits: 50-150 %		Dilution: 1x						
LCS (24A0808-BS1)		Prepared: 01/26/24 04:56 Analyzed: 01/26/24 10:03										
NWTPH-Dx LL												
Diesel	344	---	80.0	ug/L	1	500	---	69	36 - 132%	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 98 %		Limits: 50-150 %		Dilution: 1x						
LCS (24A0808-BS2)		Prepared: 01/26/24 04:56 Analyzed: 01/26/24 20:35										
NWTPH-Dx LL												
Diesel	324	---	80.0	ug/L	1	500	---	65	36 - 132%	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 91 %		Limits: 50-150 %		Dilution: 1x						
LCS Dup (24A0808-BSD1)		Prepared: 01/26/24 04:56 Analyzed: 01/26/24 10:24										
NWTPH-Dx LL												
Diesel	309	---	80.0	ug/L	1	500	---	62	36 - 132%	11	30%	
Surr: o-Terphenyl (Surr)		Recovery: 90 %		Limits: 50-150 %		Dilution: 1x						
LCS Dup (24A0808-BSD2)		Prepared: 01/26/24 04:56 Analyzed: 01/26/24 20:56										
NWTPH-Dx LL												
Diesel	361	---	80.0	ug/L	1	500	---	72	36 - 132%	11	30%	
Surr: o-Terphenyl (Surr)		Recovery: 102 %		Limits: 50-150 %		Dilution: 1x						

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

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PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 01 24 1413**

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 24A0812 - EPA 5030C						Water						
Blank (24A0812-BLK1)		Prepared: 01/26/24 08:00 Analyzed: 01/26/24 12:57										
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	100	ug/L	1	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 84 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		99 %		50-150 %		"						
LCS (24A0812-BS2)		Prepared: 01/26/24 08:00 Analyzed: 01/26/24 12:35										
NWTPH-Gx (MS)												
Gasoline Range Organics	403	---	100	ug/L	1	500	---	81	80 - 120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 91 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		98 %		50-150 %		"						

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

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Project: **Benton County Crisis Center**

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 01 24 1413

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24A0811 - EPA 5030C						Water						
Blank (24A0811-BLK1)		Prepared: 01/26/24 08:00		Analyzed: 01/26/24 12:53								
EPA 8260D												
Acetone	ND	---	20.0	ug/L	1	---	---	---	---	---	---	
Acrylonitrile	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
Benzene	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
Bromobenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Bromochloromethane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Bromodichloromethane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Bromoform	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Bromomethane	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
2-Butanone (MEK)	ND	---	10.0	ug/L	1	---	---	---	---	---	---	
n-Butylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
sec-Butylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
tert-Butylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Carbon disulfide	ND	---	10.0	ug/L	1	---	---	---	---	---	---	
Carbon tetrachloride	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Chlorobenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Chloroethane	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
Chloroform	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Chloromethane	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
2-Chlorotoluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
4-Chlorotoluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Dibromochloromethane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,2-Dibromo-3-chloropropane	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Dibromomethane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,2-Dichlorobenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
1,3-Dichlorobenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
1,4-Dichlorobenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Dichlorodifluoromethane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,1-Dichloroethane	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
1,1-Dichloroethene	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	---	0.400	ug/L	1	---	---	---	---	---	---	

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 01 24 1413

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24A0811 - EPA 5030C						Water						
Blank (24A0811-BLK1)		Prepared: 01/26/24 08:00		Analyzed: 01/26/24 12:53								
1,2-Dichloropropane	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
1,3-Dichloropropane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
2,2-Dichloropropane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,1-Dichloropropene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
cis-1,3-Dichloropropene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
trans-1,3-Dichloropropene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Hexachlorobutadiene	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
2-Hexanone	ND	---	10.0	ug/L	1	---	---	---	---	---	---	
Isopropylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
4-Isopropyltoluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Methylene chloride	ND	---	10.0	ug/L	1	---	---	---	---	---	---	
4-Methyl-2-pentanone (MiBK)	ND	---	10.0	ug/L	1	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Naphthalene	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
n-Propylbenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Styrene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,1,1,2-Tetrachloroethane	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
1,1,2,2-Tetrachloroethane	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
Toluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,2,3-Trichlorobenzene	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
1,1,1-Trichloroethane	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
1,1,2-Trichloroethane	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
Trichlorofluoromethane	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
1,2,3-Trichloropropane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Vinyl chloride	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
m,p-Xylene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
o-Xylene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)		Recovery: 101 %		Limits: 80-120 %		Dilution: 1x						

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PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 01 24 1413**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24A0811 - EPA 5030C						Water						
Blank (24A0811-BLK1)		Prepared: 01/26/24 08:00 Analyzed: 01/26/24 12:53										
Surr: Toluene-d8 (Surr)		Recovery: 104 %		Limits: 80-120 %		Dilution: 1x						
4-Bromofluorobenzene (Surr)		92 %		80-120 %		"						
LCS (24A0811-BS1)		Prepared: 01/26/24 08:00 Analyzed: 01/26/24 11:48										
EPA 8260D												
Acetone	44.5	---	20.0	ug/L	1	40.0	---	111	80 - 120%	---	---	
Acrylonitrile	21.6	---	2.00	ug/L	1	20.0	---	108	80 - 120%	---	---	
Benzene	18.7	---	0.200	ug/L	1	20.0	---	94	80 - 120%	---	---	
Bromobenzene	17.6	---	0.500	ug/L	1	20.0	---	88	80 - 120%	---	---	
Bromochloromethane	24.7	---	1.00	ug/L	1	20.0	---	124	80 - 120%	---	---	Q-56
Bromodichloromethane	21.2	---	1.00	ug/L	1	20.0	---	106	80 - 120%	---	---	
Bromoform	15.5	---	1.00	ug/L	1	20.0	---	77	80 - 120%	---	---	Q-55
Bromomethane	27.5	---	5.00	ug/L	1	20.0	---	138	80 - 120%	---	---	Q-56
2-Butanone (MEK)	48.0	---	10.0	ug/L	1	40.0	---	120	80 - 120%	---	---	
n-Butylbenzene	22.1	---	1.00	ug/L	1	20.0	---	110	80 - 120%	---	---	
sec-Butylbenzene	20.2	---	1.00	ug/L	1	20.0	---	101	80 - 120%	---	---	
tert-Butylbenzene	19.0	---	1.00	ug/L	1	20.0	---	95	80 - 120%	---	---	
Carbon disulfide	15.8	---	10.0	ug/L	1	20.0	---	79	80 - 120%	---	---	Q-55
Carbon tetrachloride	18.0	---	1.00	ug/L	1	20.0	---	90	80 - 120%	---	---	
Chlorobenzene	19.0	---	0.500	ug/L	1	20.0	---	95	80 - 120%	---	---	
Chloroethane	48.2	---	5.00	ug/L	1	20.0	---	241	80 - 120%	---	---	Q-56
Chloroform	20.2	---	1.00	ug/L	1	20.0	---	101	80 - 120%	---	---	
Chloromethane	25.7	---	5.00	ug/L	1	20.0	---	129	80 - 120%	---	---	Q-56
2-Chlorotoluene	17.9	---	1.00	ug/L	1	20.0	---	90	80 - 120%	---	---	
4-Chlorotoluene	19.8	---	1.00	ug/L	1	20.0	---	99	80 - 120%	---	---	
Dibromochloromethane	19.1	---	1.00	ug/L	1	20.0	---	96	80 - 120%	---	---	
1,2-Dibromo-3-chloropropane	14.8	---	5.00	ug/L	1	20.0	---	74	80 - 120%	---	---	Q-55
1,2-Dibromoethane (EDB)	19.1	---	0.500	ug/L	1	20.0	---	95	80 - 120%	---	---	
Dibromomethane	21.3	---	1.00	ug/L	1	20.0	---	106	80 - 120%	---	---	
1,2-Dichlorobenzene	19.3	---	0.500	ug/L	1	20.0	---	97	80 - 120%	---	---	
1,3-Dichlorobenzene	18.8	---	0.500	ug/L	1	20.0	---	94	80 - 120%	---	---	
1,4-Dichlorobenzene	18.7	---	0.500	ug/L	1	20.0	---	93	80 - 120%	---	---	
Dichlorodifluoromethane	21.6	---	1.00	ug/L	1	20.0	---	108	80 - 120%	---	---	
1,1-Dichloroethane	20.6	---	0.400	ug/L	1	20.0	---	103	80 - 120%	---	---	

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Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 01 24 1413**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24A0811 - EPA 5030C						Water						
LCS (24A0811-BS1)		Prepared: 01/26/24 08:00		Analyzed: 01/26/24 11:48								
1,2-Dichloroethane (EDC)	23.2	---	0.400	ug/L	1	20.0	---	116	80 - 120%	---	---	
1,1-Dichloroethene	20.4	---	0.400	ug/L	1	20.0	---	102	80 - 120%	---	---	
cis-1,2-Dichloroethene	20.1	---	0.400	ug/L	1	20.0	---	100	80 - 120%	---	---	
trans-1,2-Dichloroethene	19.6	---	0.400	ug/L	1	20.0	---	98	80 - 120%	---	---	
1,2-Dichloropropane	20.4	---	0.500	ug/L	1	20.0	---	102	80 - 120%	---	---	
1,3-Dichloropropane	20.4	---	1.00	ug/L	1	20.0	---	102	80 - 120%	---	---	
2,2-Dichloropropane	18.2	---	1.00	ug/L	1	20.0	---	91	80 - 120%	---	---	
1,1-Dichloropropene	20.4	---	1.00	ug/L	1	20.0	---	102	80 - 120%	---	---	
cis-1,3-Dichloropropene	19.2	---	1.00	ug/L	1	20.0	---	96	80 - 120%	---	---	
trans-1,3-Dichloropropene	20.3	---	1.00	ug/L	1	20.0	---	101	80 - 120%	---	---	
Ethylbenzene	20.1	---	0.500	ug/L	1	20.0	---	101	80 - 120%	---	---	
Hexachlorobutadiene	17.2	---	5.00	ug/L	1	20.0	---	86	80 - 120%	---	---	
2-Hexanone	45.9	---	10.0	ug/L	1	40.0	---	115	80 - 120%	---	---	
Isopropylbenzene	18.8	---	1.00	ug/L	1	20.0	---	94	80 - 120%	---	---	
4-Isopropyltoluene	19.3	---	1.00	ug/L	1	20.0	---	97	80 - 120%	---	---	
Methylene chloride	19.1	---	10.0	ug/L	1	20.0	---	96	80 - 120%	---	---	
4-Methyl-2-pentanone (MiBK)	49.0	---	10.0	ug/L	1	40.0	---	122	80 - 120%	---	---	Q-56
Methyl tert-butyl ether (MTBE)	16.9	---	1.00	ug/L	1	20.0	---	85	80 - 120%	---	---	
Naphthalene	19.7	---	5.00	ug/L	1	20.0	---	98	80 - 120%	---	---	
n-Propylbenzene	20.2	---	0.500	ug/L	1	20.0	---	101	80 - 120%	---	---	
Styrene	20.2	---	1.00	ug/L	1	20.0	---	101	80 - 120%	---	---	
1,1,1,2-Tetrachloroethane	18.9	---	0.400	ug/L	1	20.0	---	94	80 - 120%	---	---	
1,1,2,2-Tetrachloroethane	23.2	---	0.500	ug/L	1	20.0	---	116	80 - 120%	---	---	
Tetrachloroethene (PCE)	17.1	---	0.400	ug/L	1	20.0	---	86	80 - 120%	---	---	
Toluene	18.5	---	1.00	ug/L	1	20.0	---	92	80 - 120%	---	---	
1,2,3-Trichlorobenzene	20.1	---	2.00	ug/L	1	20.0	---	100	80 - 120%	---	---	
1,2,4-Trichlorobenzene	18.7	---	2.00	ug/L	1	20.0	---	94	80 - 120%	---	---	
1,1,1-Trichloroethane	19.0	---	0.400	ug/L	1	20.0	---	95	80 - 120%	---	---	
1,1,2-Trichloroethane	20.0	---	0.500	ug/L	1	20.0	---	100	80 - 120%	---	---	
Trichloroethene (TCE)	16.8	---	0.400	ug/L	1	20.0	---	84	80 - 120%	---	---	
Trichlorofluoromethane	35.2	---	2.00	ug/L	1	20.0	---	176	80 - 120%	---	---	Q-56
1,2,3-Trichloropropane	20.8	---	1.00	ug/L	1	20.0	---	104	80 - 120%	---	---	
1,2,4-Trimethylbenzene	21.2	---	1.00	ug/L	1	20.0	---	106	80 - 120%	---	---	
1,3,5-Trimethylbenzene	21.1	---	1.00	ug/L	1	20.0	---	105	80 - 120%	---	---	

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

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Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 01 24 1413**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24A0811 - EPA 5030C							Water					
LCS (24A0811-BS1)		Prepared: 01/26/24 08:00		Analyzed: 01/26/24 11:48								
Vinyl chloride	20.8	---	0.200	ug/L	1	20.0	---	104	80 - 120%	---	---	
m,p-Xylene	40.5	---	1.00	ug/L	1	40.0	---	101	80 - 120%	---	---	
o-Xylene	18.9	---	0.500	ug/L	1	20.0	---	94	80 - 120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		Recovery: 97 %		Limits: 80-120 %		Dilution: 1x						
Toluene-d8 (Surr)		100 %		80-120 %		"						
4-Bromofluorobenzene (Surr)		90 %		80-120 %		"						

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

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Project: **Benton County Crisis Center**

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 01 24 1413

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24A0812 - EPA 5030C						Water						
Blank (24A0812-BLK1)		Prepared: 01/26/24 08:00		Analyzed: 01/26/24 12:57								
EPA 8260D												
Acetone	ND	---	20.0	ug/L	1	---	---	---	---	---	---	
Acrylonitrile	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
Benzene	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
Bromobenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Bromochloromethane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Bromodichloromethane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Bromoform	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Bromomethane	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
2-Butanone (MEK)	ND	---	10.0	ug/L	1	---	---	---	---	---	---	
n-Butylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
sec-Butylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
tert-Butylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Carbon disulfide	ND	---	10.0	ug/L	1	---	---	---	---	---	---	
Carbon tetrachloride	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Chlorobenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Chloroethane	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
Chloroform	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Chloromethane	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
2-Chlorotoluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
4-Chlorotoluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Dibromochloromethane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,2-Dibromo-3-chloropropane	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Dibromomethane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,2-Dichlorobenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
1,3-Dichlorobenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
1,4-Dichlorobenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Dichlorodifluoromethane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,1-Dichloroethane	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
1,1-Dichloroethene	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
cis-1,2-Dichloroethene	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
trans-1,2-Dichloroethene	ND	---	0.400	ug/L	1	---	---	---	---	---	---	

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

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Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 01 24 1413

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24A0812 - EPA 5030C						Water						
Blank (24A0812-BLK1)		Prepared: 01/26/24 08:00		Analyzed: 01/26/24 12:57								
1,2-Dichloropropane	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
1,3-Dichloropropane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
2,2-Dichloropropane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,1-Dichloropropene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
cis-1,3-Dichloropropene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
trans-1,3-Dichloropropene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Hexachlorobutadiene	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
2-Hexanone	ND	---	10.0	ug/L	1	---	---	---	---	---	---	
Isopropylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
4-Isopropyltoluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Methylene chloride	ND	---	10.0	ug/L	1	---	---	---	---	---	---	
4-Methyl-2-pentanone (MiBK)	ND	---	10.0	ug/L	1	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Naphthalene	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
n-Propylbenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Styrene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,1,1,2-Tetrachloroethane	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
1,1,2,2-Tetrachloroethane	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
Toluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,2,3-Trichlorobenzene	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
1,1,1-Trichloroethane	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
1,1,2-Trichloroethane	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
Trichlorofluoromethane	ND	---	2.00	ug/L	1	---	---	---	---	---	---	
1,2,3-Trichloropropane	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Vinyl chloride	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
m,p-Xylene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
o-Xylene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)		Recovery: 95 %		Limits: 80-120 %		Dilution: 1x						

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 01 24 1413**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24A0812 - EPA 5030C												
Water												
Blank (24A0812-BLK1)												
Prepared: 01/26/24 08:00 Analyzed: 01/26/24 12:57												
Surr: Toluene-d8 (Surr)												
Recovery: 104 % Limits: 80-120 % Dilution: 1x												
4-Bromofluorobenzene (Surr)												
104 % 80-120 % "												
LCS (24A0812-BS1)												
Prepared: 01/26/24 08:00 Analyzed: 01/26/24 12:04												
EPA 8260D												
Acetone	39.4	---	20.0	ug/L	1	40.0	---	98	80 - 120%	---	---	Q-55
Acrylonitrile	14.6	---	2.00	ug/L	1	20.0	---	73	80 - 120%	---	---	
Benzene	17.1	---	0.200	ug/L	1	20.0	---	86	80 - 120%	---	---	
Bromobenzene	17.5	---	0.500	ug/L	1	20.0	---	87	80 - 120%	---	---	
Bromochloromethane	18.2	---	1.00	ug/L	1	20.0	---	91	80 - 120%	---	---	Q-55
Bromodichloromethane	19.8	---	1.00	ug/L	1	20.0	---	99	80 - 120%	---	---	
Bromoform	23.6	---	1.00	ug/L	1	20.0	---	118	80 - 120%	---	---	
Bromomethane	18.4	---	5.00	ug/L	1	20.0	---	92	80 - 120%	---	---	
2-Butanone (MEK)	30.5	---	10.0	ug/L	1	40.0	---	76	80 - 120%	---	---	Q-55
n-Butylbenzene	17.1	---	1.00	ug/L	1	20.0	---	86	80 - 120%	---	---	
sec-Butylbenzene	17.6	---	1.00	ug/L	1	20.0	---	88	80 - 120%	---	---	
tert-Butylbenzene	17.7	---	1.00	ug/L	1	20.0	---	89	80 - 120%	---	---	
Carbon disulfide	18.7	---	10.0	ug/L	1	20.0	---	93	80 - 120%	---	---	Q-55
Carbon tetrachloride	22.0	---	1.00	ug/L	1	20.0	---	110	80 - 120%	---	---	
Chlorobenzene	19.4	---	0.500	ug/L	1	20.0	---	97	80 - 120%	---	---	
Chloroethane	21.3	---	5.00	ug/L	1	20.0	---	107	80 - 120%	---	---	
Chloroform	19.1	---	1.00	ug/L	1	20.0	---	96	80 - 120%	---	---	Q-55
Chloromethane	19.1	---	5.00	ug/L	1	20.0	---	95	80 - 120%	---	---	
2-Chlorotoluene	18.5	---	1.00	ug/L	1	20.0	---	92	80 - 120%	---	---	
4-Chlorotoluene	21.0	---	1.00	ug/L	1	20.0	---	105	80 - 120%	---	---	
Dibromochloromethane	21.2	---	1.00	ug/L	1	20.0	---	106	80 - 120%	---	---	Q-55
1,2-Dibromo-3-chloropropane	15.5	---	5.00	ug/L	1	20.0	---	78	80 - 120%	---	---	
1,2-Dibromoethane (EDB)	19.8	---	0.500	ug/L	1	20.0	---	99	80 - 120%	---	---	
Dibromomethane	18.5	---	1.00	ug/L	1	20.0	---	92	80 - 120%	---	---	
1,2-Dichlorobenzene	19.6	---	0.500	ug/L	1	20.0	---	98	80 - 120%	---	---	Q-55
1,3-Dichlorobenzene	21.3	---	0.500	ug/L	1	20.0	---	106	80 - 120%	---	---	
1,4-Dichlorobenzene	18.3	---	0.500	ug/L	1	20.0	---	92	80 - 120%	---	---	
Dichlorodifluoromethane	19.6	---	1.00	ug/L	1	20.0	---	98	80 - 120%	---	---	
1,1-Dichloroethane	18.8	---	0.400	ug/L	1	20.0	---	94	80 - 120%	---	---	

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QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24A0812 - EPA 5030C						Water						
LCS (24A0812-BS1)		Prepared: 01/26/24 08:00		Analyzed: 01/26/24 12:04								
1,2-Dichloroethane (EDC)	20.3	---	0.400	ug/L	1	20.0	---	102	80 - 120%	---	---	
1,1-Dichloroethene	20.0	---	0.400	ug/L	1	20.0	---	100	80 - 120%	---	---	
cis-1,2-Dichloroethene	18.2	---	0.400	ug/L	1	20.0	---	91	80 - 120%	---	---	
trans-1,2-Dichloroethene	20.6	---	0.400	ug/L	1	20.0	---	103	80 - 120%	---	---	
1,2-Dichloropropane	16.7	---	0.500	ug/L	1	20.0	---	83	80 - 120%	---	---	
1,3-Dichloropropane	19.5	---	1.00	ug/L	1	20.0	---	98	80 - 120%	---	---	
2,2-Dichloropropane	21.5	---	1.00	ug/L	1	20.0	---	108	80 - 120%	---	---	
1,1-Dichloropropene	18.0	---	1.00	ug/L	1	20.0	---	90	80 - 120%	---	---	
cis-1,3-Dichloropropene	17.9	---	1.00	ug/L	1	20.0	---	89	80 - 120%	---	---	
trans-1,3-Dichloropropene	20.0	---	1.00	ug/L	1	20.0	---	100	80 - 120%	---	---	
Ethylbenzene	21.1	---	0.500	ug/L	1	20.0	---	105	80 - 120%	---	---	
Hexachlorobutadiene	17.9	---	5.00	ug/L	1	20.0	---	90	80 - 120%	---	---	
2-Hexanone	25.7	---	10.0	ug/L	1	40.0	---	64	80 - 120%	---	---	Q-55
Isopropylbenzene	17.4	---	1.00	ug/L	1	20.0	---	87	80 - 120%	---	---	
4-Isopropyltoluene	17.4	---	1.00	ug/L	1	20.0	---	87	80 - 120%	---	---	
Methylene chloride	21.2	---	10.0	ug/L	1	20.0	---	106	80 - 120%	---	---	
4-Methyl-2-pentanone (MiBK)	30.1	---	10.0	ug/L	1	40.0	---	75	80 - 120%	---	---	Q-55
Methyl tert-butyl ether (MTBE)	20.2	---	1.00	ug/L	1	20.0	---	101	80 - 120%	---	---	
Naphthalene	13.1	---	5.00	ug/L	1	20.0	---	66	80 - 120%	---	---	Q-55
n-Propylbenzene	18.8	---	0.500	ug/L	1	20.0	---	94	80 - 120%	---	---	
Styrene	17.9	---	1.00	ug/L	1	20.0	---	89	80 - 120%	---	---	
1,1,1,2-Tetrachloroethane	20.6	---	0.400	ug/L	1	20.0	---	103	80 - 120%	---	---	
1,1,2,2-Tetrachloroethane	16.4	---	0.500	ug/L	1	20.0	---	82	80 - 120%	---	---	
Tetrachloroethene (PCE)	21.1	---	0.400	ug/L	1	20.0	---	105	80 - 120%	---	---	
Toluene	18.6	---	1.00	ug/L	1	20.0	---	93	80 - 120%	---	---	
1,2,3-Trichlorobenzene	16.7	---	2.00	ug/L	1	20.0	---	83	80 - 120%	---	---	
1,2,4-Trichlorobenzene	15.5	---	2.00	ug/L	1	20.0	---	78	80 - 120%	---	---	Q-55
1,1,1-Trichloroethane	20.2	---	0.400	ug/L	1	20.0	---	101	80 - 120%	---	---	
1,1,2-Trichloroethane	18.4	---	0.500	ug/L	1	20.0	---	92	80 - 120%	---	---	
Trichloroethene (TCE)	16.2	---	0.400	ug/L	1	20.0	---	81	80 - 120%	---	---	
Trichlorofluoromethane	22.4	---	2.00	ug/L	1	20.0	---	112	80 - 120%	---	---	
1,2,3-Trichloropropane	18.2	---	1.00	ug/L	1	20.0	---	91	80 - 120%	---	---	
1,2,4-Trimethylbenzene	18.3	---	1.00	ug/L	1	20.0	---	92	80 - 120%	---	---	
1,3,5-Trimethylbenzene	18.6	---	1.00	ug/L	1	20.0	---	93	80 - 120%	---	---	

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 01 24 1413**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24A0812 - EPA 5030C							Water					
LCS (24A0812-BS1)		Prepared: 01/26/24 08:00		Analyzed: 01/26/24 12:04								
Vinyl chloride	17.9	---	0.200	ug/L	1	20.0	---	90	80 - 120%	---	---	
m,p-Xylene	39.5	---	1.00	ug/L	1	40.0	---	99	80 - 120%	---	---	
o-Xylene	16.8	---	0.500	ug/L	1	20.0	---	84	80 - 120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		Recovery: 92 %		Limits: 80-120 %		Dilution: 1x						
Toluene-d8 (Surr)		97 %		80-120 %		"						
4-Bromofluorobenzene (Surr)		90 %		80-120 %		"						

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

Apex Laboratories

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3500 Chad Dr. Suite 100

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Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 01 24 1413

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 24A0806 - EPA 3510C (Neutral pH)						Water						
Blank (24A0806-BLK1)		Prepared: 01/26/24 04:48		Analyzed: 01/26/24 11:56							C-07	
EPA 8082A												
Aroclor 1016	ND	---	0.100	ug/L	1	---	---	---	---	---	---	
Aroclor 1221	ND	---	0.100	ug/L	1	---	---	---	---	---	---	
Aroclor 1232	ND	---	0.100	ug/L	1	---	---	---	---	---	---	
Aroclor 1242	ND	---	0.100	ug/L	1	---	---	---	---	---	---	
Aroclor 1248	ND	---	0.100	ug/L	1	---	---	---	---	---	---	
Aroclor 1254	ND	---	0.100	ug/L	1	---	---	---	---	---	---	
Aroclor 1260	ND	---	0.100	ug/L	1	---	---	---	---	---	---	
Surr: Decachlorobiphenyl (Surr)		Recovery: 79 %		Limits: 40-135 %		Dilution: 1x						
LCS (24A0806-BS1)		Prepared: 01/26/24 04:48		Analyzed: 01/26/24 12:13							C-07	
EPA 8082A												
Aroclor 1016	1.41	---	0.100	ug/L	1	2.50	---	56	46 - 129%	---	---	
Aroclor 1260	1.65	---	0.100	ug/L	1	2.50	---	66	45 - 134%	---	---	
Surr: Decachlorobiphenyl (Surr)		Recovery: 82 %		Limits: 40-135 %		Dilution: 1x						
LCS Dup (24A0806-BSD1)		Prepared: 01/26/24 04:48		Analyzed: 01/26/24 12:31							C-07, Q-19	
EPA 8082A												
Aroclor 1016	1.43	---	0.100	ug/L	1	2.50	---	57	46 - 129%	2	30%	
Aroclor 1260	1.55	---	0.100	ug/L	1	2.50	---	62	45 - 134%	7	30%	
Surr: Decachlorobiphenyl (Surr)		Recovery: 75 %		Limits: 40-135 %		Dilution: 1x						

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

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Jason Woodcock, Project Manager



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Apex Laboratories, LLC

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503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 01 24 1413

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270E (SIM)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24A0908 - EPA 3510C (Acid Extraction)						Water						
Blank (24A0908-BLK1)		Prepared: 01/30/24 06:15 Analyzed: 01/30/24 11:46										
EPA 8270E SIM												
Acenaphthene	ND	---	0.0400	ug/L	1	---	---	---	---	---	---	
Acenaphthylene	ND	---	0.0400	ug/L	1	---	---	---	---	---	---	
Anthracene	ND	---	0.0400	ug/L	1	---	---	---	---	---	---	
Benz(a)anthracene	ND	---	0.0400	ug/L	1	---	---	---	---	---	---	
Benzo(a)pyrene	ND	---	0.0400	ug/L	1	---	---	---	---	---	---	
Benzo(b)fluoranthene	ND	---	0.0400	ug/L	1	---	---	---	---	---	---	
Benzo(k)fluoranthene	ND	---	0.0400	ug/L	1	---	---	---	---	---	---	
Benzo(g,h,i)perylene	ND	---	0.0400	ug/L	1	---	---	---	---	---	---	
Chrysene	ND	---	0.0400	ug/L	1	---	---	---	---	---	---	
Dibenz(a,h)anthracene	ND	---	0.0400	ug/L	1	---	---	---	---	---	---	
Fluoranthene	ND	---	0.0400	ug/L	1	---	---	---	---	---	---	
Fluorene	ND	---	0.0400	ug/L	1	---	---	---	---	---	---	
Indeno(1,2,3-cd)pyrene	ND	---	0.0400	ug/L	1	---	---	---	---	---	---	
1-Methylnaphthalene	ND	---	0.0800	ug/L	1	---	---	---	---	---	---	
2-Methylnaphthalene	ND	---	0.0800	ug/L	1	---	---	---	---	---	---	
Naphthalene	ND	---	0.0800	ug/L	1	---	---	---	---	---	---	
Phenanthrene	ND	---	0.0400	ug/L	1	---	---	---	---	---	---	
Pyrene	ND	---	0.0400	ug/L	1	---	---	---	---	---	---	
Dibenzofuran	ND	---	0.0400	ug/L	1	---	---	---	---	---	---	
Surr: 2-Fluorobiphenyl (Surr)		Recovery: 59 %		Limits: 44-120 %		Dilution: 1x						
p-Terphenyl-d14 (Surr)		74 %		50-134 %		"						

LCS (24A0908-BS1)

Prepared: 01/30/24 06:15 Analyzed: 01/30/24 12:12

EPA 8270E SIM

Acenaphthene	5.53	---	0.0400	ug/L	1	8.00	---	69	47 - 122%	---	---
Acenaphthylene	5.38	---	0.0400	ug/L	1	8.00	---	67	41 - 130%	---	---
Anthracene	6.49	---	0.0400	ug/L	1	8.00	---	81	57 - 123%	---	---
Benz(a)anthracene	6.65	---	0.0400	ug/L	1	8.00	---	83	58 - 125%	---	---
Benzo(a)pyrene	6.94	---	0.0400	ug/L	1	8.00	---	87	54 - 128%	---	---
Benzo(b)fluoranthene	6.76	---	0.0400	ug/L	1	8.00	---	84	53 - 131%	---	---
Benzo(k)fluoranthene	7.07	---	0.0400	ug/L	1	8.00	---	88	57 - 129%	---	---
Benzo(g,h,i)perylene	6.09	---	0.0400	ug/L	1	8.00	---	76	50 - 134%	---	---
Chrysene	6.93	---	0.0400	ug/L	1	8.00	---	87	59 - 123%	---	---

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

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Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 01 24 1413**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270E (SIM)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24A0908 - EPA 3510C (Acid Extraction)						Water						
LCS (24A0908-BS1)		Prepared: 01/30/24 06:15		Analyzed: 01/30/24 12:12								
Dibenz(a,h)anthracene	7.08	---	0.0400	ug/L	1	8.00	---	89	51 - 134%	---	---	
Fluoranthene	7.03	---	0.0400	ug/L	1	8.00	---	88	57 - 128%	---	---	
Fluorene	5.89	---	0.0400	ug/L	1	8.00	---	74	52 - 124%	---	---	
Indeno(1,2,3-cd)pyrene	6.42	---	0.0400	ug/L	1	8.00	---	80	52 - 134%	---	---	
1-Methylnaphthalene	3.94	---	0.0800	ug/L	1	8.00	---	49	41 - 120%	---	---	
2-Methylnaphthalene	3.94	---	0.0800	ug/L	1	8.00	---	49	40 - 121%	---	---	
Naphthalene	4.17	---	0.0800	ug/L	1	8.00	---	52	40 - 121%	---	---	
Phenanthrene	6.55	---	0.0400	ug/L	1	8.00	---	82	59 - 120%	---	---	
Pyrene	6.81	---	0.0400	ug/L	1	8.00	---	85	57 - 126%	---	---	
Dibenzofuran	5.60	---	0.0400	ug/L	1	8.00	---	70	53 - 120%	---	---	
Surr: 2-Fluorobiphenyl (Surr)		Recovery: 67 %		Limits: 44-120 %		Dilution: 1x						
p-Terphenyl-d14 (Surr)		73 %		50-134 %		"						
LCS Dup (24A0908-BSD1)		Prepared: 01/30/24 06:15		Analyzed: 01/30/24 12:37								
EPA 8270E SIM												
Acenaphthene	4.81	---	0.0400	ug/L	1	8.00	---	60	47 - 122%	14	30%	
Acenaphthylene	4.90	---	0.0400	ug/L	1	8.00	---	61	41 - 130%	9	30%	
Anthracene	6.48	---	0.0400	ug/L	1	8.00	---	81	57 - 123%	0.04	30%	
Benz(a)anthracene	6.57	---	0.0400	ug/L	1	8.00	---	82	58 - 125%	1	30%	
Benzo(a)pyrene	6.90	---	0.0400	ug/L	1	8.00	---	86	54 - 128%	0.5	30%	
Benzo(b)fluoranthene	6.69	---	0.0400	ug/L	1	8.00	---	84	53 - 131%	1	30%	
Benzo(k)fluoranthene	6.94	---	0.0400	ug/L	1	8.00	---	87	57 - 129%	2	30%	
Benzo(g,h,i)perylene	6.13	---	0.0400	ug/L	1	8.00	---	77	50 - 134%	0.6	30%	
Chrysene	6.91	---	0.0400	ug/L	1	8.00	---	86	59 - 123%	0.4	30%	
Dibenz(a,h)anthracene	7.16	---	0.0400	ug/L	1	8.00	---	90	51 - 134%	1	30%	
Fluoranthene	7.19	---	0.0400	ug/L	1	8.00	---	90	57 - 128%	2	30%	
Fluorene	5.48	---	0.0400	ug/L	1	8.00	---	69	52 - 124%	7	30%	
Indeno(1,2,3-cd)pyrene	6.44	---	0.0400	ug/L	1	8.00	---	81	52 - 134%	0.4	30%	
1-Methylnaphthalene	3.35	---	0.0800	ug/L	1	8.00	---	42	41 - 120%	16	30%	
2-Methylnaphthalene	3.34	---	0.0800	ug/L	1	8.00	---	42	40 - 121%	16	30%	
Naphthalene	3.69	---	0.0800	ug/L	1	8.00	---	46	40 - 121%	12	30%	
Phenanthrene	6.43	---	0.0400	ug/L	1	8.00	---	80	59 - 120%	2	30%	
Pyrene	7.15	---	0.0400	ug/L	1	8.00	---	89	57 - 126%	5	30%	
Dibenzofuran	5.08	---	0.0400	ug/L	1	8.00	---	64	53 - 120%	10	30%	

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PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 01 24 1413****QUALITY CONTROL (QC) SAMPLE RESULTS****Polyaromatic Hydrocarbons (PAHs) by EPA 8270E (SIM)**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24A0908 - EPA 3510C (Acid Extraction)						Water						
LCS Dup (24A0908-BSD1)		Prepared: 01/30/24 06:15 Analyzed: 01/30/24 12:37										Q-19
Surr: 2-Fluorobiphenyl (Surr)		Recovery: 62 %	Limits: 44-120 %		Dilution: 1x							
p-Terphenyl-d14 (Surr)		70 %	50-134 %									

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

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QUALITY CONTROL (QC) SAMPLE RESULTS

Dissolved Metals by EPA 200.8 (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24A0805 - Matrix Matched Direct Inject							Water					
Blank (24A0805-BLK1)		Prepared: 01/25/24 20:01			Analyzed: 01/25/24 23:09							
EPA 200.8 (Diss)												
Lead	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
LCS (24A0805-BS1)		Prepared: 01/25/24 20:01			Analyzed: 01/25/24 23:28							
EPA 200.8 (Diss)												
Lead	53.1	---	0.200	ug/L	1	55.6	---	96	85 - 115%	---	---	
Duplicate (24A0805-DUP1)		Prepared: 01/25/24 20:01			Analyzed: 01/25/24 23:40							
QC Source Sample: Pit Water (A4A1441-01)												
EPA 200.8 (Diss)												
Lead	4.51	---	0.200	ug/L	1	---	4.49	---	---	0.4	20%	CONT
Matrix Spike (24A0805-MS1)		Prepared: 01/25/24 20:01			Analyzed: 01/25/24 23:53							
QC Source Sample: Tank Water (A4A1441-02)												
EPA 200.8 (Diss)												
Lead	82.5	---	0.200	ug/L	1	55.6	28.9	97	70 - 130%	---	---	CONT

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Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 01 24 1413**

SAMPLE PREPARATION INFORMATION

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

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

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 24A0808							
A4A1441-02	Water	NWTPH-Dx LL	01/25/24 10:00	01/26/24 04:56	940mL/2mL	1000mL/2mL	1.06

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: 24A0812							
A4A1441-02	Water	NWTPH-Gx (MS)	01/25/24 10:00	01/26/24 12:24	5mL/5mL	5mL/5mL	1.00

Volatile Organic Compounds by EPA 8260D

Prep: EPA 5030C

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 24A0811							
A4A1441-02RE2	Water	EPA 8260D	01/25/24 10:00	01/26/24 12:24	5mL/5mL	5mL/5mL	1.00
Batch: 24A0812							
A4A1441-02	Water	EPA 8260D	01/25/24 10:00	01/26/24 12:24	5mL/5mL	5mL/5mL	1.00
A4A1441-02RE1	Water	EPA 8260D	01/25/24 10:00	01/26/24 12:24	5mL/5mL	5mL/5mL	1.00

Polychlorinated Biphenyls by EPA 8082A

Prep: EPA 3510C (Neutral pH)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 24A0806							
A4A1441-02	Water	EPA 8082A	01/25/24 10:00	01/26/24 04:48	940mL/5mL	1000mL/5mL	1.06

Polyaromatic Hydrocarbons (PAHs) by EPA 8270E (SIM)

Prep: EPA 3510C (Acid Extraction)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 24A0908							
A4A1441-02	Water	EPA 8270E SIM	01/25/24 10:00	01/30/24 06:15	950mL/2mL	1000mL/2mL	1.05
A4A1441-02RE1	Water	EPA 8270E SIM	01/25/24 10:00	01/30/24 06:15	950mL/2mL	1000mL/2mL	1.05

Dissolved Metals by EPA 200.8 (ICPMS)

Apex Laboratories

Jason Woodcock, Project Manager

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**ANALYTICAL REPORT**

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PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 01 24 1413****SAMPLE PREPARATION INFORMATION****Dissolved Metals by EPA 200.8 (ICPMS)****Prep: Matrix Matched Direct Inject**

					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 24A0805</u>							
A4A1441-02	Water	EPA 200.8 (Diss)	01/25/24 10:00	01/25/24 20:01	45mL/50mL	45mL/50mL	1.00

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Eugene, OR 97408

Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 01 24 1413****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.
- CONT** The Sample Container provided for this analysis was not provided by Apex Laboratories, and has not been verified as part of the Apex Quality System.
- DCNT** Sample decanted due to the presence of sediment. Sample bottle not rinsed with solvent.
- F-18** Result for Diesel (Diesel Range Organics, C12-C25) is due to overlap from Gasoline or a Gasoline Range product.
- Q-19** Blank Spike Duplicate (BSD) sample analyzed in place of Matrix Spike/Duplicate samples due to limited sample amount available for analysis.
- Q-55** Daily CCV/LCS recovery for this analyte was below the +/-20% criteria listed in EPA 8260, however there is adequate sensitivity to ensure detection at the reporting level.
- Q-56** Daily CCV/LCS recovery for this analyte was above the +/-20% criteria listed in EPA 8260
- R-02** The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.

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Jason Woodcock, Project Manager



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Project Manager: **Bret Waldron**

Report ID:

A4A1441 - 02 01 24 1413

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.

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Jason Woodcock, Project Manager

**ANALYTICAL REPORT****AMENDED REPORT****Apex Laboratories, LLC**

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 01 24 1413****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

Jason Woodcock, Project Manager

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PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 01 24 1413****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 provided by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

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Jason Woodcock, Project Manager



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PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 01 24 1413

APEX LABS COOLER RECEIPT FORM

Client: PBS Element WO#: A4A1441Project/Project #: Benton County Crisis Center / 52774.001

Delivery Info:

Date/time received: 1/25/24 @ 1350 By: KMSDelivered by: Apex Client LESS FedEx UPS Radio Morgan SDS Evergreen OtherCooler Inspection Date/time inspected: 1/25/24 @ 1350 By: KMSChain of Custody included? Yes X NoSigned/dated by client? Yes X No

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	<u>2.5</u>	<u>2.1</u>					
Custody seals? (Y/N)	<u>N</u>	<u>→</u>					
Received on ice? (Y/N)	<u>Y</u>	<u>→</u>					
Temp. blanks? (Y/N)	<u>Y</u>	<u>→</u>					
Ice type: (Gel/Real/Other)	<u>Real</u>	<u>→</u>					
Condition (In/Out):	<u>In</u>	<u>→</u>					

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

Green dots applied to out of temperature samples? Yes NoOut of temperature samples form initiated? Yes NoSample Inspection: Date/time inspected: 1/25/24 @ 1410 By: KMSAll samples intact? Yes X No Comments:Bottle labels/COCs agree? Yes X No Comments: No T/D on MeOH VOA for Tank Pit-E-V.COC/container discrepancies form initiated? Yes NoContainers/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 pH ID: A23E172

Comments:

Additional information:

Labeled by:

Witness:

Cooler Inspected by:

Form Y-003 R-01

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Jason Woodcock, Project Manager

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ANALYTICAL REPORT
AMENDED REPORT

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

Thursday, February 1
Bh ly sWk4
PBSym4i u, , h4i ys4r ym4cuk4q , 4lsWmFi , 4,)
35bbyC0sr yDhtySFu, ywbb
mFi , 4, aORy871b8

Rmwyg1gw11wywyB, 4lk4yCkF4ldyChuf yC, 4L hwywy5e771tbbw

20s4nydkFykyFf u4i ygA, pyxs khsLkh f ty, , ji h sL0ysAAH l uL, ydkFhy Ff u4, f f ys4r yf lhc, ykyAkkur , yL0, y
0u0, f lyvFsWdyf, hcu, f ykyL0, y, 4cuk4q , 4lsWmFf lldty

m4l Wf, r ysh yL0, yf f Fwkyqs4sWf, f ykyEkmykr, hg 1gw11waE0u0yEsf yh l, u, r y dyL0, yA khsLkdyk4y
we5/ebe1yslyw5b:bbPMt

lqdkFy0sc, ys4dywF, f Lk4fy l k4l, h4i yL0uf yh AkHkyhL0, yf, hcu, f yE, ykø haAVsf, yø, Wdh, yky l k4ls l yq , y dy
, q sWLyEkkrl kln@sA p-W f tl kq akhy dyA0k4, ysy5b3-7w8-e3e3ty

PVsf, y4kL :ygWysq AVf yEWy, yrf Akf, r ykøE0u0y8byr sdf ykøf sq AVy l, uAlaF4Wf yAhkhsHs4i , q , 4lf y
0sc, y , , 4yq sr, t

CkkyW#R, l, uAl4dkhq sluk4y	
g l l, Als WVR, l, uAl, q A hslFh yf yWf yL0s4akhy, vFsWka6y, i Cy4klydkz, 4)akhy l, u, ryk4yL, yL0, yf sq, y r sdsf yf sq AVf t	
(S, , yCkkyW#R, l, uAlTkhq ykhy, lsWlyy	
CkkyW#w yet5 r, i C	CkkyW#e yetw r, i C

20uf yL0sWVR, AkHdyf yL0, ykø uL, hf uk4yqL0, y r slsyh f FwkyhL0uf yf sq AVf F q uf uk4aF4Wf yf FA, hf, r, r y dy
syf F f, vF, 4Lay, Wf ysq, 4r, r yh AkHty
g WkL0, hy, W, h Wf y, h, r ydkq yL0uf y r slsyh Wf u4i ymW l k4u yDslyD, W, h Wf y(mDDf) aCxP-W, ykhy f ay
l W4lyh vF, f L, r yf Fq q shdy 0, , lf as4r ysyWkL0, hyAkr Fl lf ysh y l k4f ur, h r yf, l k4r shdykyL0uf yh AkHt



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**ANALYTICAL REPORT**

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PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1356

ANALYTICAL REPORT FOR SAMPLES**SAMPLE INFORMATION**

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Pit Water	A4A1441-01	Water	01/25/24 09:30	01/25/24 13:50

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Jason Woodcock, Project Manager



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A4A1441 - 02 02 24 1356

ANALYTICAL CASE NARRATIVE

. kmyOhr, hyA4A1441

Apex Laboratories

gq, 4r, r yR, AkHyR, cuf uk4yw.

20uf yh AkHyf FA, lf, r, f yswWh cufFf yh AkHf t

Ph W/ u4shdyDsIsyUAR sL, r:ymPgy8e6bDyvk WUyf

Ssq AVV2s4ny. sL, h(g1gw1w-be):ySsq AVWkhii u4sWWh AkH, r yB, 4z, 4, y(kc, h) sW/hsLuk4ys4i,)ys4r yNsA0LOsV4, y(suufi y
W4nyf Au,)ysf yAh W/ u4shdy slsty20, yf sq AVWEsf yh -s4sVZ, r ys4r y kth l L, r yr slsyuf y4l Vfr, r y0, h u4t

MshmyZ, Oh

Oh s4uf yMs4si, h

bwe9/ebe1

gly0, yh vF, flykq0, y W4lAAsHusV4sVh fFWy0sc, y, , 4y4l Vfr, r y4y0uf yh AkHty20, ysr r uk4sVh fFWyckhs4sVf, fy
A, hdkrq, r yF4r, hy kmyOhr, hg1gw1wEWW, y4l Vfr, r y4ys4yf, AsHsL, yAsHusV4sVh AkHt

Jsfk4y kkr lkl n

Plkj, l lyMs4si, h

e/we1

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A4A1441 - 02 02 24 1356

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Residue	Detection Limit	Reporting Limit	Units	Distillation	Date Analyzed	Method Ref	Notes
Pit Water (A4A1441-01)				Matrix: Water		Batch: 24A0808		
Diesel	363	HH	7515	6g-L	1	/ 1-10-11 ml:58	NWTPH-Dx LL	F-18
Oil	ND	HH	151	6g-L	1	/ 1-10-11 ml:58	NWTPH-Dx LL	
Surrogate: o-Terphenyl (gurr)		Recovery: RR%		Limits: 50-150 %	1	01/26/24 21:58	NWTPH-Dx LL	

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Eugene, OR 97408

Project: **Benton County Crisis Center**

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1356

ANALYTICAL SAMPLE RESULTS

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

Analyte	Sample Residue	Detection Limit	Reporting Limit	Units	Distillation	Date Analyzed	Method Ref	Notes
Pit Water (A4A1441-01RE1)				Matrix: Water		Batch: 24A0812		
Gasoline Range Organics	5430	HH	1/1	6g-L	1	11-10-10:10	NWTPH-Gx (M2)	
Surrogate: 4-bromofluorobenzene (g)		recovery:	114 %	Limits:	50-150 %	1	01/26/24 16:20	NWTPH-Mx (3 g)
18-Difluorobenzene (g)			101 %		50-150 %	1	01/26/24 16:20	NWTPH-Mx (3 g)

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Project: **Benton County Crisis Center**

Project Number: 52774.001

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A4A1441 - 02 02 24 1356

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyste	2au pS Res6S	Detection Liu it	Reporting Liu it	Units	Dis tition	Date AnaS Ued	Met yod Refh	Notes
Pit Water (A4A1441-01)		Matrix: Water			Batch: 24A0812			
EthylbenCene	191	HH	5h /	6g-L	1/	/ 1-n0-m 14:/ 5	EPA 8n0/ D	
<i>gurr oCite: 184-Difluorobenzene (gurr)</i>		<i>ve coSery: , E%</i>		<i>Limits: R0-120 %</i>	<i>1</i>	<i>01/26/24 14:05</i>	<i>BP7 R260D</i>	
<i>Toluene-dR (gurr)</i>		<i>105 %</i>		<i>R0-120 %</i>	<i>1</i>	<i>01/26/24 14:05</i>	<i>BP7 R260D</i>	
<i>4-9 romofluorobenzene (gurr)</i>		<i>104 %</i>		<i>R0-120 %</i>	<i>1</i>	<i>01/26/24 14:05</i>	<i>BP7 R260D</i>	
Pit Water (A4A1441-01RE1)		Matrix: Water			Batch: 24A0812			
Acetone	34.6	HH	m h /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
Acrl SnitriS	ND	HH	38h /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	RHm
BenCene	110	HH	/ hm /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
Brou obenLene	ND	HH	/ h5 /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
Brou ocySrou etyane	ND	HH	1h /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
Brou odicySrou etyane	ND	HH	1h /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
Brou oforu	ND	HH	1h /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
Brou ou etyane	ND	HH	5h /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
nfB6tanone (MEK)	ND	HH	33h /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	RHm
n-ButylbenCene	11.9	HH	1h /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
sec-ButylbenCene	3.24	HH	1h /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
tertHB6tl ShenLene	ND	HH	1h /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
Carbon dis6Side	ND	HH	1/ h /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
Carbon tetracySride	ND	HH	1h /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
CySroubenLene	ND	HH	/ h5 /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
CySroetyane	ND	HH	5h /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
CySroforu	ND	HH	1h0/	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	RHm
CySrou etyane	ND	HH	5h /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
nfCySrotoSene	ND	HH	1h /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
4HCySrotoSene	ND	HH	1h /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
Dibrou ocySrou etyane	ND	HH	1h /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
1,nfDibrou of hdySropropane	ND	HH	5h /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
1,nfDibrou oetyane (EDB)	ND	HH	/ h5 /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
Dibrou ou etyane	ND	HH	1h /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
1,nfDicySroubenLene	ND	HH	/ h5 /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
1,3HDicySroubenLene	ND	HH	/ h5 /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
1,4HDicySroubenLene	ND	HH	/ h5 /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
DicySrodifSrou etyane	ND	HH	1h /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
1,HDicySroetyane	ND	HH	/ h4 /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
1,2-Dichloroethane (EDC)	0.580	HH	/ h4 /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	
1,HDicySroetyene	ND	HH	/ h4 /	6g-L	1	/ 1-n0-m 10:m	EPA 8n0/ D	

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

AMENDED REPORT

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503-718-2323

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PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1356

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	2au pS Res6S	Detection Limit	Reporting Limit	Units	Distn	Date Anal	Method Ref	Notes
Pit Water (A4A1441-01RE1)		Matrix: Water		Batch: 24A0812				
cisH ₁₁ DicySroetyene	ND	HH	/H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
transH ₁₁ DicySroetyene	ND	HH	/H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
1,nH ₁₁ DicySropropane	ND	HH	/H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
1,3H ₁₁ DicySropropane	ND	HH	1H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
mH ₁₁ DicySropropane	ND	HH	1H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
1,1H ₁₁ DicySropropene	ND	HH	1H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
cisH ₁₁ ,3H ₁₁ DicySropropene	ND	HH	1H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
transH ₁₁ ,3H ₁₁ DicySropropene	ND	HH	1H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
z exacySrob6tadiene	ND	HH	5H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
nH ₁₁ exanone	ND	HH	1/ H	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
IsopropylbenCene	13.0	HH	1H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
4-Isopropyltoluene	2.19	HH	1H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	M-02
Methyl Sene cySride	ND	HH	1/ H	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
4H ₁₁ Methyl Sthpentanone (MiBK)	ND	HH	1/ H	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
Methyl Sterthb6tl Setyer (MTBE)	ND	HH	1H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
n-PropylbenCene	50.0	HH	/H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
2tl rene	ND	HH	1H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
1,1,1,nH ₁₁ TetracySroetyane	ND	HH	/H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
1,1,mH ₁₁ TetracySroetyane	ND	HH	/H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
TetracySroetyene (PCE)	ND	HH	/H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
Toluene	10.3	HH	1H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
1,m3H ₁₁ TricySrobenCene	ND	HH	nH/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
1,m4H ₁₁ TricySrobenCene	ND	HH	nH/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
1,1,1H ₁₁ TricySroetyane	ND	HH	/H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
1,1,nH ₁₁ TricySroetyane	ND	HH	/H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
TricySroetyene (TCE)	ND	HH	/H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
TricySrofSrou etyane	ND	HH	nH/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
1,m3H ₁₁ TricySropropane	ND	HH	1H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
1,2,4-TrimethylbenCene	24.9	HH	1H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
1,3,5-TrimethylbenCene	16.2	HH	1H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
Vinl ScySride	ND	HH	/H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
m,p-z ylene	115	HH	1H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
o-z ylene	42.0	HH	/H/	6g-L	1	/1-n0-m4 10:ml	EPA 8n0/ D	
gurrGite: 184-Difluorobenzene (gurr)		vecoSery: , R %		Limits: R0-120 %	1	01/26/24 16:20	BP7 R260D	
Toluene-dR (gurr)		, 6 %		R0-120 %	1	01/26/24 16:20	BP7 R260D	
4-9 romofluorobenzene (gurr)		, A %		R0-120 %	1	01/26/24 16:20	BP7 R260D	

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1356

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyste	Sample Residual	Detection Limit	Reporting Limit	Units	Distillation	Date Analysed	Method Ref	Notes
Pit Water (A4A1441-01RE2)				Matrix: Water		Batch: 24A0864		
Naphthalene	52.3	HH	5H /	6g-L	1	11/24/2014	EPA 8260D	
Surrogate: 1,2-Difluorobenzene (gurr)		Recovery: 112 %	Limits: R0-120 %	1	01/24/2014	BP7 R260D		
Toluene-d8 (gurr)		Recovery: 112 %	Limits: R0-120 %	1	01/24/2014	BP7 R260D		
4-Fluorobenzene (gurr)		Recovery: 112 %	Limits: R0-120 %	1	01/24/2014	BP7 R260D		

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Project Manager: Bret Waldron

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A4A1441 - 02 02 24 1356

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270E (SIM)

Analyste	2au pS Res6S	Detection Limit	Reporting Limit	Units	Distion	Date Analysed	Method Ref	Notes
Pit Water (A4A1441-01)				Matrix: Water		Batch: 24A0908		CONT, DCNT
Acenaphthene	0.0645	HH	/ hr 444	6g-L	1	/ 1-3/ -m4 13:/ m	EPA 8m7/ E 2IM	
Acenapytyl Sene	ND	HH	/ hr 444	6g-L	1	/ 1-3/ -m4 13:/ m	EPA 8m7/ E 2IM	
Antyracene	ND	HH	/ hr 444	6g-L	1	/ 1-3/ -m4 13:/ m	EPA 8m7/ E 2IM	
BenU(a)antyracene	ND	HH	/ hr 444	6g-L	1	/ 1-3/ -m4 13:/ m	EPA 8m7/ E 2IM	
BenU(b)pl rene	ND	HH	/ hr 444	6g-L	1	/ 1-3/ -m4 13:/ m	EPA 8m7/ E 2IM	
BenU(b)fSorantyene	ND	HH	/ hr 444	6g-L	1	/ 1-3/ -m4 13:/ m	EPA 8m7/ E 2IM	
BenU(k)fSorantyene	ND	HH	/ hr 444	6g-L	1	/ 1-3/ -m4 13:/ m	EPA 8m7/ E 2IM	
BenU(g,y,i)perl Sene	ND	HH	/ hr 444	6g-L	1	/ 1-3/ -m4 13:/ m	EPA 8m7/ E 2IM	
Cyrl sene	ND	HH	/ hr 444	6g-L	1	/ 1-3/ -m4 13:/ m	EPA 8m7/ E 2IM	
DibenU(a,y)antyracene	ND	HH	/ hr 444	6g-L	1	/ 1-3/ -m4 13:/ m	EPA 8m7/ E 2IM	
FSorantyene	ND	HH	/ hr 444	6g-L	1	/ 1-3/ -m4 13:/ m	EPA 8m7/ E 2IM	
Fluorene	0.127	HH	/ hr 444	6g-L	1	/ 1-3/ -m4 13:/ m	EPA 8m7/ E 2IM	
Indeno(1,m3f4d)pl rene	ND	HH	/ hr 444	6g-L	1	/ 1-3/ -m4 13:/ m	EPA 8m7/ E 2IM	
1-Methylnaphthalene	6.51	HH	/ hr 889	6g-L	1	/ 1-3/ -m4 13:/ m	EPA 8m7/ E 2IM	
2-Methylnaphthalene	3.25	HH	/ hr 889	6g-L	1	/ 1-3/ -m4 13:/ m	EPA 8m7/ E 2IM	
Naphthalene	8.13	HH	/ hr 889	6g-L	1	/ 1-3/ -m4 13:/ m	EPA 8m7/ E 2IM	
Pyenantyrene	ND	HH	/ hr 444	6g-L	1	/ 1-3/ -m4 13:/ m	EPA 8m7/ E 2IM	
Pyrene	0.0444	HH	/ hr 444	6g-L	1	/ 1-3/ -m4 13:/ m	EPA 8m7/ E 2IM	
DibenU6f6ran	ND	HH	/ hr 444	6g-L	1	/ 1-3/ -m4 13:/ m	EPA 8m7/ E 2IM	
gurröCate: 2-Fluorobiphenyl (gurr)		vecoSery: 66 %		Limits: 44-120 %	1	01/E0/24 1E:02	BP7 R2A0B gI3	
p-Terphenyl-d14 (gurr)		66 %		50-1E4 %	1	01/E0/24 1E:02	BP7 R2A0B gI3	

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ANALYTICAL REPORT

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Apex Laboratories, LLC

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Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1356

ANALYTICAL SAMPLE RESULTS

Dissolved Metals by EPA 200.8 (ICPMS)

AnaSt te	2au p& Res68	Detection Liu it	Reporting Liu it	. nits	Di&Stion	Date Ana& U&d	Met,yod Refh	Notes
Pit Water (A4A1441-01)				Matrix: Water				
Bsl 0:ye1gb8b5								
Lead	4.49	HH	/ lml /	6g-L	1	/ 1-n5-m4 n8:34	EPA ml / l8 (Diss)	CONT

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Project: Benton County Crisis Center

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QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Res6S	Detection Limit	Reporting Limit	Units	Distn	2pike Au o6nt	2o6rce Res6S	% REC	% REC Limit	RPD	RPD Limit	Notes
Batch 24A0808 - EPA 3510C (Fuels/Acid Ext.)												
Water												
Blank (24A0808-BLK1) Prepared: / 1-10-14 / 4:50 AnaS Ued: / 1-10-14 / 9:33												
NWTPH-Dx LL												
DieseS	ND	HH	8/ H	6g-L	1	HH	HH	HH	HH	HH	HH	
OiS	ND	HH	10/	6g-L	1	HH	HH	HH	HH	HH	HH	
gurr: o-Terphenyl (gurr) vecoSery: , 2 % Limits: 50-150 % Dilution: 1x												
Blank (24A0808-BLK2) Prepared: / 1-10-14 / 4:50 AnaS Ued: / 1-10-14 / 1:15												
NWTPH-Dx LL												
DieseS	ND	HH	8/ H	6g-L	1	HH	HH	HH	HH	HH	HH	
OiS	ND	HH	10/	6g-L	1	HH	HH	HH	HH	HH	HH	
gurr: o-Terphenyl (gurr) vecoSery: , 2 % Limits: 50-150 % Dilution: 1x												
LCS (24A0808-BS1) Prepared: / 1-10-14 / 4:50 AnaS Ued: / 1-10-14 / 1:3												
NWTPH-Dx LL												
DieseS	344	HH	8/ H	6g-L	1	5/ /	HH	09	30 H13n%	HH	HH	
gurr: o-Terphenyl (gurr) vecoSery: , R% Limits: 50-150 % Dilution: 1x												
LCS (24A0808-BS2) Prepared: / 1-10-14 / 4:50 AnaS Ued: / 1-10-14 / 1:35												
NWTPH-Dx LL												
DieseS	3n4	HH	8/ H	6g-L	1	5/ /	HH	05	30 H13n%	HH	HH	
gurr: o-Terphenyl (gurr) vecoSery: , 1 % Limits: 50-150 % Dilution: 1x												
LCS Dup (24A0808-BSD1) Prepared: / 1-10-14 / 4:50 AnaS Ued: / 1-10-14 / 1:14												X-19
NWTPH-Dx LL												
DieseS	3/ 9	HH	8/ H	6g-L	1	5/ /	HH	0m	30 H13n%	11	3/ %	
gurr: o-Terphenyl (gurr) vecoSery: , 0 % Limits: 50-150 % Dilution: 1x												
LCS Dup (24A0808-BSD2) Prepared: / 1-10-14 / 4:50 AnaS Ued: / 1-10-14 / 1:50												X-19
NWTPH-Dx LL												
DieseS	301	HH	8/ H	6g-L	1	5/ /	HH	7m	30 H13n%	11	3/ %	
gurr: o-Terphenyl (gurr) vecoSery: 102 % Limits: 50-150 % Dilution: 1x												

No Client related 9atch QC samples analyzed for this batch. see notes page for more information.

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PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1356

QUALITY CONTROL (QC) SAMPLE RESULTS

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

Ana\$ te	Res6\$	Detection Liu it	Reporting Liu it	. nits	Di\$tion	2pike Au o6nt	2o6rce Res6\$	% REC	% REC Liu its	RPD	RPD Liu it	Notes
Batch 24A0812 - EPA 5030C						Water						
BlankQ(24A0812-BLK1)		Prepared: / 1-10-14 / 8:// Ana\$ U6d: / 1-10-14 1m57										
NWTPH-Ux (MS)												
Gasoline Range Organics	ND	HH	1/ /	6g-L	1	HH	HH	HH	HH	HH	HH	
gurr: 4-9romofluorobenzene (gur)		recovery: R4 %		Limits: 50-150 %		Dilution: 1x						
18-Difluorobenzene (gur)		, , %		50-150 %		"						
LCS (24A0812-BS2)		Prepared: / 1-10-14 / 8:// Ana\$ U6d: / 1-10-14 1m35										
NWTPH-Ux (MS)												
Gasoline Range Organics	4/ 3	HH	1/ /	6g-L	1	5/ /	HH	81	8/ Hlml %	HH	HH	
gurr: 4-9romofluorobenzene (gur)		recovery: , 1 %		Limits: 50-150 %		Dilution: 1x						
18-Difluorobenzene (gur)		, R %		50-150 %		"						

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

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ANALYTICAL REPORT

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Tigard, OR 97223

503-718-2323

ORELAP ID: **OR100062**

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**Project N6u ber: **52774.001**

Project Manager: **Bret Waldron**

Report ID:

A4A1441 - 02 02 24 1356

XQUALITY CONTROL (XC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Res63	Detection Limit	Reporting Limit	Units	Dilution	Average	Res63	% REC	Limits	RPD	Limits	Notes
Batch 24A0812 - EPA 5030C						Water						
Blank(24A0812-BLK1)		Prepared: / 1-10-14 / 8: / / Analyzed: / 1-10-14 1m57										
EPA 8260D												
Acetone	ND	HH	ml / l	6g-L	1	HH	HH	HH	HH	HH	HH	
Ace1 S0nitri5	ND	HH	ml /	6g-L	1	HH	HH	HH	HH	HH	HH	
Benzene	ND	HH	/ ml /	6g-L	1	HH	HH	HH	HH	HH	HH	
Bromobenzene	ND	HH	/ l5 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Bromochloroethane	ND	HH	l5 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Bromodichloroethane	ND	HH	l5 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Bromofluorobenzene	ND	HH	l5 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Bromobenzene	ND	HH	5l /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,1,1-Trichloroethane (MEK)	ND	HH	l / l	6g-L	1	HH	HH	HH	HH	HH	HH	
1,1,1-Trichlorobenzene	ND	HH	l5 /	6g-L	1	HH	HH	HH	HH	HH	HH	
sec1,1,1-Trichlorobenzene	ND	HH	l5 /	6g-L	1	HH	HH	HH	HH	HH	HH	
tert1,1,1-Trichlorobenzene	ND	HH	l5 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Carbon disulfide	ND	HH	l / l	6g-L	1	HH	HH	HH	HH	HH	HH	
Carbon tetrachloride	ND	HH	l5 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	/ l5 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	5l /	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	l5 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	5l /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,1-Dichloroethane	ND	HH	l5 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,1-Dichloroethane (EDB)	ND	HH	/ l5 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Dibromobenzene	ND	HH	l5 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,1-Dichlorobenzene	ND	HH	/ l5 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,3-Dichlorobenzene	ND	HH	/ l5 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,4-Dichlorobenzene	ND	HH	/ l5 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Dichlorodifluoromethane	ND	HH	l5 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,1-Dichloroethane	ND	HH	/ l5 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,1-Dichloroethane (EDC)	ND	HH	/ l5 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,1-Dichloroethane	ND	HH	/ l5 /	6g-L	1	HH	HH	HH	HH	HH	HH	
cis1,1-Dichloroethane	ND	HH	/ l5 /	6g-L	1	HH	HH	HH	HH	HH	HH	
trans1,1-Dichloroethane	ND	HH	/ l5 /	6g-L	1	HH	HH	HH	HH	HH	HH	

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3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1356

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyste	Res6S	Detection Limit	Reporting Limit	Units	Distillation	2-pike Amount	2-pike Res6S	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24A0812 - EPA 5030C						Water						
Blank(24A0812-BLK1)	Prepared: / 1-10-14 / 8:11 Analyst Used: / 1-10-14 1m57											
1,1,1-Dichloropropane	ND	HH	/ 15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,3-Dichloropropane	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,1,1-Dichloropropane	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,1,1-Dichloropropene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
cis-1,3-Dichloropropene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
trans-1,3-Dichloropropene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Ethyl Benzene	ND	HH	/ 15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,2-Dichlorobenzene	ND	HH	55 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,2-Dichlorobenzene	ND	HH	1 / 15	6g-L	1	HH	HH	HH	HH	HH	HH	
Isopropyl Benzene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
4-Isopropyl Benzene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Methyl Cyclohexane	ND	HH	1 / 15	6g-L	1	HH	HH	HH	HH	HH	HH	
4-Methyl Cyclopentanone (MIBK)	ND	HH	1 / 15	6g-L	1	HH	HH	HH	HH	HH	HH	
Methyl Styrene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,2,4-Trichlorobenzene (MTBE)	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Naphtalene	ND	HH	55 /	6g-L	1	HH	HH	HH	HH	HH	HH	
n-Propyl Benzene	ND	HH	/ 15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
2-Toluene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,1,1,1-Tetrachloroethylene	ND	HH	/ 15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,1,1,1-Tetrachloroethylene	ND	HH	/ 15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Tetrachloroethylene (PCE)	ND	HH	/ 15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Toluene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,3,5-Trichlorobenzene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,3,5-Trichlorobenzene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,1,1,1-Trichloroethylene	ND	HH	/ 15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,1,1,1-Trichloroethylene	ND	HH	/ 15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Trichloroethylene (TCE)	ND	HH	/ 15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Trichlorofluoroethylene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,3,5-Trichloropropane	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,3,5-Trichloropropene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,3,5-Trichloropropene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Vinyl Cyclohexane	ND	HH	/ 15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,2-Dichlorobenzene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,2-Dichlorobenzene	ND	HH	/ 15 /	6g-L	1	HH	HH	HH	HH	HH	HH	

gurr: 184-Difluorobenzene (gurr)

recovery: 5 %

Limits: R0-120 %

Dilution: 1x

gurr: 184-Difluorobenzene (gurr)

vecoSery: , 5 % Limits: R0-120 %

Dilution: 1x

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Jason Woodcock, Project Manager

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ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1356

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Residual	Detection Limit	Reporting Limit	Units	Distillation	2-pike Amount	2-pike Residual	% Recovery	% Recovery Limit	RPD	RPD Limit	Notes
Batch 24A0812 - EPA 5030C												
Water												
Blank (24A0812-BLK1)												
Prepared: 11/10/18 8:00 AM Analysis Date: 11/10/18 1:57 PM												
gurr: Toluene-dR (gurr) recovery: 104 % Limits: R0-120 % Dilution: 1x												
4-9 bromofluorobenzene (gurr) 104 % R0-120 % "												
LCS (24A0812-BS1)												
Prepared: 11/10/18 8:00 AM Analysis Date: 11/10/18 1:57 PM												
EPA 8260D												
Acetone	3914	HH	11/1	6g-L	1	4/1	HH	98	8/1111 %	HH	HH	
Acrylonitrile	1410	HH	11/1	6g-L	1	11/1	HH	73	80 - 120 %	HH	HH	Q155
Benzene	1711	HH	11/1	6g-L	1	11/1	HH	80	8/1111 %	HH	HH	
Bromobenzene	1715	HH	11/1	6g-L	1	11/1	HH	87	8/1111 %	HH	HH	
Bromochloroethane	1811	HH	11/1	6g-L	1	11/1	HH	91	8/1111 %	HH	HH	
Bromodichloroethane	1918	HH	11/1	6g-L	1	11/1	HH	99	8/1111 %	HH	HH	
Bromofluorobenzene	1810	HH	11/1	6g-L	1	11/1	HH	118	8/1111 %	HH	HH	
Bromonitroethane	1814	HH	51/1	6g-L	1	11/1	HH	9m	8/1111 %	HH	HH	
tert-Butylbenzene (MEK)	3/15	HH	1/1	6g-L	1	4/1	HH	76	80 - 120 %	HH	HH	Q155
tert-Butylbenzene	1711	HH	11/1	6g-L	1	11/1	HH	80	8/1111 %	HH	HH	
sec-Butylbenzene	1710	HH	11/1	6g-L	1	11/1	HH	88	8/1111 %	HH	HH	
tert-Butylbenzene	1717	HH	11/1	6g-L	1	11/1	HH	89	8/1111 %	HH	HH	
Carbon disulfide	1817	HH	1/1	6g-L	1	11/1	HH	93	8/1111 %	HH	HH	
Carbon tetrachloride	11/1	HH	11/1	6g-L	1	11/1	HH	11/	8/1111 %	HH	HH	
Cyclohexane	1914	HH	11/1	6g-L	1	11/1	HH	97	8/1111 %	HH	HH	
Cyclohexane	11/1	HH	51/1	6g-L	1	11/1	HH	1/7	8/1111 %	HH	HH	
Cyclohexane	1911	HH	11/1	6g-L	1	11/1	HH	90	8/1111 %	HH	HH	
Cyclohexane	1911	HH	51/1	6g-L	1	11/1	HH	95	8/1111 %	HH	HH	
1,1-Dichloroethane	1815	HH	11/1	6g-L	1	11/1	HH	9m	8/1111 %	HH	HH	
1,1-Dichloroethane	11/1	HH	11/1	6g-L	1	11/1	HH	1/5	8/1111 %	HH	HH	
Dibromochloroethane	11/11	HH	11/1	6g-L	1	11/1	HH	1/0	8/1111 %	HH	HH	
1,1-Dibromochloroethane	1515	HH	51/1	6g-L	1	11/1	HH	78	80 - 120 %	HH	HH	Q155
1,1-Dibromochloroethane (EDB)	1918	HH	11/1	6g-L	1	11/1	HH	99	8/1111 %	HH	HH	
Dibromochloroethane	1815	HH	11/1	6g-L	1	11/1	HH	9m	8/1111 %	HH	HH	
1,1-Dichlorobenzene	1910	HH	11/1	6g-L	1	11/1	HH	98	8/1111 %	HH	HH	
1,3-Dichlorobenzene	11/1	HH	11/1	6g-L	1	11/1	HH	1/0	8/1111 %	HH	HH	
1,4-Dichlorobenzene	1815	HH	11/1	6g-L	1	11/1	HH	9m	8/1111 %	HH	HH	
Dichlorodifluoroethane	1910	HH	11/1	6g-L	1	11/1	HH	98	8/1111 %	HH	HH	
1,1-Dichloroethane	1818	HH	11/1	6g-L	1	11/1	HH	94	8/1111 %	HH	HH	

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Jason Woodcock, Project Manager



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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1356

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyste	Res63	Detection Limit	Reporting Limit	Units	Distn	2pike Amount	2o6rce Res63	% REC	% REC Limit	RPD	RPD Limit	Notes
Batch 24A0812 - EPA 5030C						Water						
LCS (24A0812-BS1)		Prepared: / 1-n0-m# / 8:/ / AnaS Ued: / 1-n0-m# 1m/ 4										
1,1,1-Dichloroethane (EDC)	111	HH	/ 11/ /	6g-L	1	111	HH	1/ m	8/ H1m %	HH	HH	
1,1,1-Dichloroethylene	111	HH	/ 11/ /	6g-L	1	111	HH	1/ /	8/ H1m %	HH	HH	
cis-1,2-Dichloroethylene	181m	HH	/ 11/ /	6g-L	1	111	HH	91	8/ H1m %	HH	HH	
trans-1,2-Dichloroethylene	1110	HH	/ 11/ /	6g-L	1	111	HH	1/ 3	8/ H1m %	HH	HH	
1,1-Dichloropropane	1017	HH	/ 11/ /	6g-L	1	111	HH	83	8/ H1m %	HH	HH	
1,3-Dichloropropane	1915	HH	11/ /	6g-L	1	111	HH	98	8/ H1m %	HH	HH	
monochloropropane	1115	HH	11/ /	6g-L	1	111	HH	1/ 8	8/ H1m %	HH	HH	
1,1-Dichloropropene	1811	HH	11/ /	6g-L	1	111	HH	9/	8/ H1m %	HH	HH	
cis-1,3-Dichloropropene	1719	HH	11/ /	6g-L	1	111	HH	89	8/ H1m %	HH	HH	
trans-1,3-Dichloropropene	1111	HH	11/ /	6g-L	1	111	HH	1/ /	8/ H1m %	HH	HH	
Ethylbenzene	1111	HH	/ 11/ /	6g-L	1	111	HH	1/ 5	8/ H1m %	HH	HH	
1,2,4-Trichlorobenzene	1719	HH	51/ /	6g-L	1	111	HH	9/	8/ H1m %	HH	HH	
1,2,4-Trichlorobenzene	1117	HH	1/ 11	6g-L	1	4/ 11	HH	64	80 - 120%	HH	HH	QH5
Isopropylbenzene	1714	HH	11/ /	6g-L	1	111	HH	87	8/ H1m %	HH	HH	
4-Isopropylbenzene	1714	HH	11/ /	6g-L	1	111	HH	87	8/ H1m %	HH	HH	
Methylcyclohexane	111m	HH	1/ 11	6g-L	1	111	HH	1/ 0	8/ H1m %	HH	HH	
4-Methylcyclopentanone (MIBK)	3/ 11	HH	1/ 11	6g-L	1	4/ 11	HH	75	80 - 120%	HH	HH	QH5
Methylstyrene (MTBE)	111m	HH	11/ /	6g-L	1	111	HH	1/ 1	8/ H1m %	HH	HH	
Naphtalene	1311	HH	51/ /	6g-L	1	111	HH	66	80 - 120%	HH	HH	QH5
1-Propylbenzene	1818	HH	/ 11/ /	6g-L	1	111	HH	94	8/ H1m %	HH	HH	
2-Tolene	1719	HH	11/ /	6g-L	1	111	HH	89	8/ H1m %	HH	HH	
1,1,1,1-Tetrachloroethane	1110	HH	/ 11/ /	6g-L	1	111	HH	1/ 3	8/ H1m %	HH	HH	
1,1,1,1-Tetrachloroethane	1014	HH	/ 11/ /	6g-L	1	111	HH	8m	8/ H1m %	HH	HH	
Tetrachloroethylene (PCE)	1111	HH	/ 11/ /	6g-L	1	111	HH	1/ 5	8/ H1m %	HH	HH	
Toluene	1810	HH	11/ /	6g-L	1	111	HH	93	8/ H1m %	HH	HH	
1,3,5-Trichlorobenzene	1017	HH	11/ /	6g-L	1	111	HH	83	8/ H1m %	HH	HH	
1,3,5-Trichlorobenzene	1515	HH	11/ /	6g-L	1	111	HH	78	80 - 120%	HH	HH	QH5
1,1,1-Trichloroethane	111m	HH	/ 11/ /	6g-L	1	111	HH	1/ 1	8/ H1m %	HH	HH	
1,1,1-Trichloroethane	1814	HH	/ 11/ /	6g-L	1	111	HH	9m	8/ H1m %	HH	HH	
Trichloroethylene (TCE)	101m	HH	/ 11/ /	6g-L	1	111	HH	81	8/ H1m %	HH	HH	
Trichlorofluoromethane	1114	HH	11/ /	6g-L	1	111	HH	11m	8/ H1m %	HH	HH	
1,3,5-Trichloropropane	181m	HH	11/ /	6g-L	1	111	HH	91	8/ H1m %	HH	HH	
1,3,5-Trichloroethylbenzene	1815	HH	11/ /	6g-L	1	111	HH	9m	8/ H1m %	HH	HH	
1,3,5-Trichloroethylbenzene	1810	HH	11/ /	6g-L	1	111	HH	93	8/ H1m %	HH	HH	

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ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1356

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	2-pike Amount	2-pike Result	% REC	% REC Limit	RPD	RPD Limit	Notes
Batch 24A0812 - EPA 5030C						Water						
LCS (24A0812-BS1)		Prepared: / 1-10-11 / 8: / / Analyzed: / 1-10-11 1m / 4										
Vinyl Sulfide	1719	HH	/ ml /	6g-L	1	ml	HH	9/	8/ H ml %	HH	HH	
u-plKl Sene	3915	HH	/ ml /	6g-L	1	4/ ml	HH	99	8/ H ml %	HH	HH	
oHl Sene	1018	HH	/ ml /	6g-L	1	ml	HH	84	8/ H ml %	HH	HH	
gurr: 18-Difluorobenzene (gurr)		recovery: , 2 %		Limits: R0-120 %			Dilution: 1x					
Toluene-dR (gurr)		, A %		R0-120 %			"					
4-9romofluorobenzene (gurr)		, 0 %		R0-120 %			"					

No Client related 9atch QC samples analyzed for this batch. see notes page for more information.

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3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1356

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Residual	Detection Limit	Reporting Limit	Units	Distillation	2-pike	206cc	% REC	% REC	RPD	RPD	Notes
Batch 24A0864 - EPA 5030C												
Water												
Blank(24A0864-BLK1)												
Prepared: 11/19/14 9:00 AM Analyzed: 11/19/14 1:41 PM												
EPA 8260D												
Acetone	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Acetonitrile	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Benzene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Bromobenzene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Bromochloroethane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Bromodichloroethane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Bromofluorobenzene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Bromonitrobenzene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Bromotoluene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
sec-Butylbenzene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
tert-Butylbenzene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Carbon disulfide	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Carbon tetrachloride	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexane	ND	HH	100	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyclohexene												

ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: **OR100062**

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**

Project N6u ber: 52774.001

Project Manager: **Bret Waldron**

Report ID:

A4A1441 - 02 02 24 1356

XQUALITY CONTROL (XC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analysis	Residual	Detection Limit	Reporting Limit	Units	Dilution	2-pike	2-pike	% REC	% REC	RPD	RPD	Notes
Analysis	Residual	Detection Limit	Reporting Limit	Units	Dilution	2-pike	2-pike	% REC	% REC	RPD	RPD	Notes
Batch 24A0864 - EPA 5030C												
Water												
Blank (24A0864-BLK1) Prepared: 11/19/14 9:11 AM Analysis: 11/19/14 1:41 PM												
1,1-Dichloropropane	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,3-Dichloropropane	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,1-Dichloropropene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
cis-1,3-Dichloropropene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
trans-1,3-Dichloropropene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Ethylbenzene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,2-Dichlorobutadiene	ND	HH	5 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,2-Dichloroethane	ND	HH	1 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Isopropylbenzene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
4-Isopropylphenol	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Methyl isocyanide	ND	HH	1 /	6g-L	1	HH	HH	HH	HH	HH	HH	
4-Methylpentanone (MIBK)	ND	HH	1 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Methyl Steroid Seter (MTBE)	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Naphtalene	ND	HH	5 /	6g-L	1	HH	HH	HH	HH	HH	HH	
n-Propylbenzene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
2,2,4-trimethylpentane	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,1,1-trichloroethane	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,1,1-trichloroethane	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Tetrachloroethene (PCE)	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Toluene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,3-Dichlorobenzene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,4-Dichlorobenzene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,1,1-trichloroethane	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,1,1-trichloroethane	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Trichloroethene (TCE)	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Trichlorofluoromethane	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,3-Dichloropropane	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,4-Dichlorobenzene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,3,5-Trichlorobenzene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
Vinylbenzene	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,2-Dichloroethane	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	
1,2-Dichloroethane	ND	HH	15 /	6g-L	1	HH	HH	HH	HH	HH	HH	

gurr: 184-Difluorobenzene (*gurr*)

vecoServ: .6 % *Limits*: R0-120 %

Limits: R0-120 %

Dilution: 1x

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ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1356

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Residual	Detection Limit	Reporting Limit	Units	Distillation	2-pike Amount	2-pike Residual	% Recovery	% Recovery Limit	RPD	RPD Limit	Notes
Batch 24A0864 - EPA 5030C												
Water												
Blank (24A0864-BLK1)												
Prepared: 11/19/2019 9:00 AM Analysis Date: 11/19/2019 1:41 PM												
gurr: Toluene-dR (gurr) recovery: 100% Limits: R0-120% Dilution: 1x												
4-9 bromofluorobenzene (gurr) recovery: 100% Limits: R0-120% Dilution: 1x												
LCS (24A0864-BS1)												
Prepared: 11/19/2019 9:00 AM Analysis Date: 11/19/2019 1:41 PM												
EPA 8260D												
Acetone	3510	HHH	1000	6g-L	1	4/1	HHH	89	8/1000%	HHH	HHH	
Acetonitrile	1018	HHH	1000	6g-L	1	1000	HHH	84	8/1000%	HHH	HHH	
Benzene	1814	HHH	1000	6g-L	1	1000	HHH	9m	8/1000%	HHH	HHH	
Bromobenzene	1814	HHH	1000	6g-L	1	1000	HHH	91	8/1000%	HHH	HHH	
Bromochloroethane	1814	HHH	1000	6g-L	1	1000	HHH	9/	8/1000%	HHH	HHH	
Bromodichloroethane	1018	HHH	1000	6g-L	1	1000	HHH	1/4	8/1000%	HHH	HHH	
Bromofluorobenzene	1018	HHH	1000	6g-L	1	1000	HHH	11m	8/1000%	HHH	HHH	
Bromonitroethane	1018	HHH	1000	6g-L	1	1000	HHH	1/7	8/1000%	HHH	HHH	
Bromotoluene (MEK)	3014	HHH	1000	6g-L	1	4/1	HHH	9/	8/1000%	HHH	HHH	
Bromotoluene	1018	HHH	1000	6g-L	1	1000	HHH	1/m	8/1000%	HHH	HHH	
sec-Butylbenzene	1018	HHH	1000	6g-L	1	1000	HHH	111	8/1000%	HHH	HHH	
tert-Butylbenzene	1018	HHH	1000	6g-L	1	1000	HHH	1/7	8/1000%	HHH	HHH	
Carbon disulfide	1714	HHH	1000	6g-L	1	1000	HHH	87	8/1000%	HHH	HHH	
Carbon tetrachloride	1018	HHH	1000	6g-L	1	1000	HHH	119	8/1000%	HHH	HHH	
Cyclohexane	1018	HHH	1000	6g-L	1	1000	HHH	1/m	8/1000%	HHH	HHH	
Cyclohexane	1018	HHH	1000	6g-L	1	1000	HHH	1/4	8/1000%	HHH	HHH	
Cyclohexane	1914	HHH	1000	6g-L	1	1000	HHH	98	8/1000%	HHH	HHH	
Cyclohexane	1018	HHH	1000	6g-L	1	1000	HHH	84	8/1000%	HHH	HHH	
Cyclohexane	1914	HHH	1000	6g-L	1	1000	HHH	90	8/1000%	HHH	HHH	
Cyclohexane	1018	HHH	1000	6g-L	1	1000	HHH	1/	8/1000%	HHH	HHH	
Dibromochloroethane	1018	HHH	1000	6g-L	1	1000	HHH	1/7	8/1000%	HHH	HHH	
1,1-Dibromochloroethane	1814	HHH	1000	6g-L	1	1000	HHH	94	8/1000%	HHH	HHH	
1,1-Dibromochloroethane (EDB)	1018	HHH	1000	6g-L	1	1000	HHH	1/m	8/1000%	HHH	HHH	
Dibromochloroethane	1814	HHH	1000	6g-L	1	1000	HHH	93	8/1000%	HHH	HHH	
1,1-Dichlorobenzene	1914	HHH	1000	6g-L	1	1000	HHH	97	8/1000%	HHH	HHH	
1,3-Dichlorobenzene	1018	HHH	1000	6g-L	1	1000	HHH	1/1	8/1000%	HHH	HHH	
1,4-Dichlorobenzene	1914	HHH	1000	6g-L	1	1000	HHH	99	8/1000%	HHH	HHH	
Dichlorodifluoroethane	1018	HHH	1000	6g-L	1	1000	HHH	1/m	8/1000%	HHH	HHH	
1,1-Dichloroethane	1814	HHH	1000	6g-L	1	1000	HHH	94	8/1000%	HHH	HHH	

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Jason Woodcock, Project Manager

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ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1356

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analysis	Residual	Detection Limit	Reporting Limit	Units	Distillation	2-pike Amount	2-pike Residual	% Recovery	% Recovery Limit	RPD	RPD Limit	Notes
Batch 24A0864 - EPA 5030C												
LCS (24A0864-BS1)						Water						
Prepared: 11/19/2019			Analysis Date: 11/19/2019									
1,1-Dichloroethane (EDC)	110	HH	110	6g-L	1	110	HH	1/3	8/110%	HH	HH	
1,1-Dichloroethylene	114	HH	114	6g-L	1	114	HH	1/m	8/114%	HH	HH	
cis-1,2-Dichloroethylene	181m	HH	114	6g-L	1	114	HH	91	8/114%	HH	HH	
trans-1,2-Dichloroethylene	181b	HH	114	6g-L	1	114	HH	91	8/114%	HH	HH	
1,1-Dichloropropane	181d	HH	115	6g-L	1	114	HH	9m	8/114%	HH	HH	
1,3-Dichloropropane	191d	HH	114	6g-L	1	114	HH	97	8/114%	HH	HH	
monochloropropane	114	HH	114	6g-L	1	114	HH	1/m	8/114%	HH	HH	
1,1-Dichloropropene	110	HH	114	6g-L	1	114	HH	1/5	8/114%	HH	HH	
cis-1,3-Dichloropropene	1818	HH	114	6g-L	1	114	HH	94	8/114%	HH	HH	
trans-1,3-Dichloropropene	111m	HH	114	6g-L	1	114	HH	111	8/114%	HH	HH	
Ethylbenzene	110	HH	115	6g-L	1	114	HH	1/4	8/114%	HH	HH	
1,2-dichlorobenzene	111m	HH	511	6g-L	1	114	HH	1/1	8/114%	HH	HH	
1,2-dichlorobenzene	3918	HH	1/11	6g-L	1	4/11	HH	1/1	8/114%	HH	HH	
Isopropylbenzene	111b	HH	114	6g-L	1	114	HH	115	8/114%	HH	HH	
4-Isopropylbenzene	111d	HH	114	6g-L	1	114	HH	11m	8/114%	HH	HH	
Methylcyclohexane	171b	HH	1/11	6g-L	1	114	HH	87	8/114%	HH	HH	
4-Methylcyclopentanone (MIBK)	4/11m	HH	1/11	6g-L	1	4/11	HH	1/1	8/114%	HH	HH	
Methylstyrene (MTBE)	1918	HH	114	6g-L	1	114	HH	99	8/114%	HH	HH	
Naphtalene	1710	HH	511	6g-L	1	114	HH	88	8/114%	HH	HH	
1-Propylbenzene	1919	HH	115	6g-L	1	114	HH	99	8/114%	HH	HH	
2-Toluene	111d	HH	114	6g-L	1	114	HH	117	8/114%	HH	HH	
1,1,1-Trichloroethane	111d	HH	114	6g-L	1	114	HH	11m	8/114%	HH	HH	
1,1,1-Trichloroethane	1817	HH	115	6g-L	1	114	HH	94	8/114%	HH	HH	
Tetrachloroethane (PCE)	1117	HH	114	6g-L	1	114	HH	1/4	8/114%	HH	HH	
Toluene	111m	HH	114	6g-L	1	114	HH	1/1	8/114%	HH	HH	
1,3-Trichlorobenzene	191d	HH	114	6g-L	1	114	HH	97	8/114%	HH	HH	
1,3-Trichlorobenzene	181b	HH	114	6g-L	1	114	HH	9m	8/114%	HH	HH	
1,1,1-Trichloroethane	111b	HH	114	6g-L	1	114	HH	1/7	8/114%	HH	HH	
1,1,1-Trichloroethane	1917	HH	115	6g-L	1	114	HH	99	8/114%	HH	HH	
Trichloroethylene (TCE)	171b	HH	114	6g-L	1	114	HH	87	8/114%	HH	HH	
Trichlorofluoromethane	111b	HH	114	6g-L	1	114	HH	126	80 - 120%	HH	HH	QH50
1,3-Trichloropropane	191d	HH	114	6g-L	1	114	HH	97	8/114%	HH	HH	
1,3-Trichloroethylbenzene	111d	HH	114	6g-L	1	114	HH	11/	8/114%	HH	HH	
1,3,5-Trichloroethylbenzene	1110	HH	114	6g-L	1	114	HH	1/8	8/114%	HH	HH	

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Jason Woodcock, Project Manager

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ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1356

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	2-pike Amount	2-pike Result	% REC	% REC Limit	RPD	RPD Limit	Notes
Batch 24A0864 - EPA 5030C						Water						
LCS (24A0864-BS1)		Prepared: 11/19/14 9:11		Anal. Used: 11/19/14 11:40								
Vinyl Sulfide	nd	HH	HH	6g-L	1	nd	HH	1/4	8/ HH %	HH	HH	
u,p-Xylene	44	HH	HH	6g-L	1	4/	HH	111	8/ HH %	HH	HH	
o-Xylene	nd	HH	HH	6g-L	1	nd	HH	111	8/ HH %	HH	HH	
gurr: 1,4-Difluorobenzene (gurr) recovery: 2 % Limits: R0-120 % Dilution: 1x												
Toluene-dR (gurr) , A % R0-120 % "												
4-Fluorobenzene (gurr) , E % R0-120 % "												

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

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Jason Woodcock, Project Manager

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Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1356

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270E (SIM)

Ana\$ te	Res6\$	Detection Liu it	Reporting Liu it	. nits	Di\$tion	2pike Au o6nt	2o6rce Res6\$	% REC	% REC Liu its	RPD	RPD Liu it	Notes
Batch 24A0908 - EPA 3510C (Acid Extraction)						Water						
BlanQ(24A0908-BLK1)		Prepared: / 1-3/ -11 / 0:15 Ana\$ U6d: / 1-3/ -11 11:40										
EPA 8270E SIM												
Acenapytyene	ND	HH	/ 4/ /	6g-L	1	HH	HH	HH	HH	HH	HH	
Acenapytyl Sene	ND	HH	/ 4/ /	6g-L	1	HH	HH	HH	HH	HH	HH	
Antyracene	ND	HH	/ 4/ /	6g-L	1	HH	HH	HH	HH	HH	HH	
BenU(a)antyracene	ND	HH	/ 4/ /	6g-L	1	HH	HH	HH	HH	HH	HH	
BenU(b)a)pl rene	ND	HH	/ 4/ /	6g-L	1	HH	HH	HH	HH	HH	HH	
BenU(b)b)S\$orantyene	ND	HH	/ 4/ /	6g-L	1	HH	HH	HH	HH	HH	HH	
BenU(b)k)S\$orantyene	ND	HH	/ 4/ /	6g-L	1	HH	HH	HH	HH	HH	HH	
BenU(b)g,y,i)perl Sene	ND	HH	/ 4/ /	6g-L	1	HH	HH	HH	HH	HH	HH	
Cyrl sene	ND	HH	/ 4/ /	6g-L	1	HH	HH	HH	HH	HH	HH	
DibenU(a,y)antyracene	ND	HH	/ 4/ /	6g-L	1	HH	HH	HH	HH	HH	HH	
F\$orantyene	ND	HH	/ 4/ /	6g-L	1	HH	HH	HH	HH	HH	HH	
F\$orene	ND	HH	/ 4/ /	6g-L	1	HH	HH	HH	HH	HH	HH	
Indeno(1,m3)Ud)pl rene	ND	HH	/ 4/ /	6g-L	1	HH	HH	HH	HH	HH	HH	
1HMetyl Napytya\$ene	ND	HH	/ 8/ /	6g-L	1	HH	HH	HH	HH	HH	HH	
nHMetyl Napytya\$ene	ND	HH	/ 8/ /	6g-L	1	HH	HH	HH	HH	HH	HH	
Napytya\$ene	ND	HH	/ 8/ /	6g-L	1	HH	HH	HH	HH	HH	HH	
Pyenantyrene	ND	HH	/ 4/ /	6g-L	1	HH	HH	HH	HH	HH	HH	
Pl rene	ND	HH	/ 4/ /	6g-L	1	HH	HH	HH	HH	HH	HH	
DibenU(b)f6ran	ND	HH	/ 4/ /	6g-L	1	HH	HH	HH	HH	HH	HH	
gurr: 2-Fluorobiphenyl (gurr)		vecoSery: 5, %		Limits: 44-120 %		Dilution: 1x						
p-Terphenyl-d14 (gurr)		44 %		50-1E4 %		"						

LCS (24A0908-BS1)

Prepared: / 1-3/-11 / 0:15 Analysis: / 1-3/-11 1m1m

EPA 8270E SIM

Acenapytyene	5f63	HH	/ 4 /	6g-L	1	8f /	HH	09	47 H1m%	HH	HH
Acenapytylene	5f68	HH	/ 4 /	6g-L	1	8f /	HH	07	41 H13%	HH	HH
Antyracene	0f49	HH	/ 4 /	6g-L	1	8f /	HH	81	57 H1n8%	HH	HH
Ben(a)antyracene	0f05	HH	/ 4 /	6g-L	1	8f /	HH	83	58 H1n6%	HH	HH
Ben(b)apl rene	0f94	HH	/ 4 /	6g-L	1	8f /	HH	87	54 H1n8%	HH	HH
Ben(b)fSorantyene	0f70	HH	/ 4 /	6g-L	1	8f /	HH	84	53 H131%	HH	HH
Ben(b)kSorantyene	7f7	HH	/ 4 /	6g-L	1	8f /	HH	88	57 H1n9%	HH	HH
Ben(b)g,y,i)perl Sene	0f9	HH	/ 4 /	6g-L	1	8f /	HH	70	5/ H134%	HH	HH
Cyrl sene	0f93	HH	/ 4 /	6g-L	1	8f /	HH	87	59 H1n8%	HH	HH

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Jason Woodcock, Project Manager

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ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1356

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270E (SIM)

Analyste	Res6S	Detection Limit	Reporting Limit	Units	Distn	2pike Amount	2o6rce Res6S	% REC	% REC Limit	RPD	RPD Limit	Notes
Batch 24A0908 - EPA 3510C (Acid Extraction) Water												
LCS (24A0908-BS1) Prepared: / 1-3/ -n# / 0:15 AnaS Ued: / 1-3/ -n# 1mlm												
Diben(a,y)antyracene	7h 8	HH	/ h 4/ /	6g-L	1	8h /	HH	89	51 Hl 34%	HH	HH	
Fluorantylene	7h 3	HH	/ h 4/ /	6g-L	1	8h /	HH	88	57 Hl n8%	HH	HH	
Fluorene	5h 9	HH	/ h 4/ /	6g-L	1	8h /	HH	74	5m Hl m4%	HH	HH	
Indeno(1,2,3-cd)pyrene	0h m	HH	/ h 4/ /	6g-L	1	8h /	HH	8/	5m Hl 34%	HH	HH	
1-Methyl Naphthalene	3h 4	HH	/ h 8/ /	6g-L	1	8h /	HH	49	41 Hl m %	HH	HH	
2-Methyl Naphthalene	3h 4	HH	/ h 8/ /	6g-L	1	8h /	HH	49	4/ Hl m %	HH	HH	
Naphthalene	4h 7	HH	/ h 8/ /	6g-L	1	8h /	HH	5m	4/ Hl m %	HH	HH	
Pyrenanthrene	0h 5	HH	/ h 4/ /	6g-L	1	8h /	HH	8m	59 Hl m %	HH	HH	
Pyrene	0h 1	HH	/ h 4/ /	6g-L	1	8h /	HH	85	57 Hl n0%	HH	HH	
Dibenzofuran	5h 0/	HH	/ h 4/ /	6g-L	1	8h /	HH	7/	53 Hl m %	HH	HH	
gurr: 2-Fluorobiphenyl (gurr) recovery: 6A % Limits: 44-120 % Dilution: 1x												
p-Terphenyl-d14 (gurr) AE % 50-1E4 % "												

LCS Dup (24A0908-BS1) Prepared: / 1-3/ -n# / 0:15 AnaS Ued: / 1-3/ -n# 1m37												X-19
EPA 8270E SIM												
Acenaphthylene	4h 1	HH	/ h 4/ /	6g-L	1	8h /	HH	0/	47 Hl m %	14	3/ %	
Acenaphthylene	4h 9/	HH	/ h 4/ /	6g-L	1	8h /	HH	01	41 Hl 3/ %	9	3/ %	
Anthracene	0h 8	HH	/ h 4/ /	6g-L	1	8h /	HH	81	57 Hl n8%	/ h 4	3/ %	
Ben(a)anthracene	0h 7	HH	/ h 4/ /	6g-L	1	8h /	HH	8m	58 Hl n5%	1	3/ %	
Ben(b)anthracene	0h 9/	HH	/ h 4/ /	6g-L	1	8h /	HH	80	54 Hl n8%	/ h 5	3/ %	
Ben(b)fluoranthene	0h 9	HH	/ h 4/ /	6g-L	1	8h /	HH	84	53 Hl 31%	1	3/ %	
Ben(b)kfluoranthene	0h 4	HH	/ h 4/ /	6g-L	1	8h /	HH	87	57 Hl n9%	m	3/ %	
Ben(b)g,y,i)perylene	0h 3	HH	/ h 4/ /	6g-L	1	8h /	HH	77	5/ Hl 34%	/ h 0	3/ %	
Cyclene	0h 1	HH	/ h 4/ /	6g-L	1	8h /	HH	80	59 Hl n8%	/ h 4	3/ %	
Diben(a,y)anthracene	7h 0	HH	/ h 4/ /	6g-L	1	8h /	HH	9/	51 Hl 34%	1	3/ %	
Fluoranthene	7h 9	HH	/ h 4/ /	6g-L	1	8h /	HH	9/	57 Hl n8%	m	3/ %	
Fluorene	5h 8	HH	/ h 4/ /	6g-L	1	8h /	HH	09	5m Hl m4%	7	3/ %	
Indeno(1,2,3-cd)pyrene	0h 4	HH	/ h 4/ /	6g-L	1	8h /	HH	81	5m Hl 34%	/ h 4	3/ %	
1-Methyl Naphthalene	3h 5	HH	/ h 8/ /	6g-L	1	8h /	HH	4m	41 Hl m %	10	3/ %	
2-Methyl Naphthalene	3h 4	HH	/ h 8/ /	6g-L	1	8h /	HH	4m	4/ Hl m %	10	3/ %	
Naphthalene	3h 9	HH	/ h 8/ /	6g-L	1	8h /	HH	40	4/ Hl m %	1m	3/ %	
Pyrenanthrene	0h 3	HH	/ h 4/ /	6g-L	1	8h /	HH	8/	59 Hl m %	m	3/ %	
Pyrene	7h 5	HH	/ h 4/ /	6g-L	1	8h /	HH	89	57 Hl n0%	5	3/ %	
Dibenzofuran	5h 8	HH	/ h 4/ /	6g-L	1	8h /	HH	04	53 Hl m %	1/	3/ %	

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Jason Woodcock, Project Manager

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ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1356

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270E (SIM)

AnaS te	Res6S	Detection Liu it	Reporting Liu it	. nits	Di\$tion	2pike Au o6nt	2o6rce Res6S	% REC	Liu its	RPD	RPD Liu it	Notes	
Batch 24A0908 - EPA 3510C (Acid Extraction)						Water							
LCS Dup (24A0908-BSD1)		Prepared: / 1-3/-m4 / 0:15 AnaS Ued: / 1-3/-m4 1m37											X-19
gurr: 2-Fluorobiphenyl (gurr)		recoSery: 62 %		Limits: 44-120 %		Dilution: 1x							
p-Terphenyl-d14 (gurr)		A0 %		50-1E4 %		"							

No Client related 9atch QC samples analyzed for this batch. see notes page for more information.

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Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1356

QUALITY CONTROL (QC) SAMPLE RESULTS

Dissolved Metals by EPA 200.8 (ICPMS)

AnaSt e	Res6S	Detection Liu it	Reporting Liu it	. nits	DilStion	2pike Au o6nt	2o6rce Res6S	% REC	% REC Liu its	RPD	RPD Liu it	Notes
Batch 24A0805 - Matrix Matched Direct Inject							Water					
Blank(24A0805-BLK1)		Prepared: / 1-10-14 ml :/ 1 AnaS Used: / 1-10-14 ml:/ 9										
EPA 200.8 (Diss)												
Lead	ND	HH	/ ml /	6g-L	1	HH	HH	HH	HH	HH	HH	
LCS (24A0805-BS1)		Prepared: / 1-10-14 ml :/ 1 AnaS Used: / 1-10-14 ml:n8										
EPA 200.8 (Diss)												
Lead	53hl	HH	/ ml /	6g-L	1	5510	HH	90	85 HI15%	HH	HH	
Duplicate (24A0805-DVP1)		Prepared: / 1-10-14 ml :/ 1 AnaS Used: / 1-10-14 ml:/ 4/										
XC Source Sample: Pit Water (A4A1441-01)												
EPA 200.8 (Diss)												
Lead	4.51	HH	/ ml /	6g-L	1	HH	449	HH	HH	/ ml	ml %	CONT
Matrix SpiQe (24A0805-MS1)		Prepared: / 1-10-14 ml :/ 1 AnaS Used: / 1-10-14 ml:/ 53										
XC Source Sample: TanQWater (A4A1441-02)												
EPA 200.8 (Diss)												
Lead	8nt6	HH	/ ml /	6g-L	1	5510	n819	97	7/ HI13/ %	HH	HH	CONT

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503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1356

SAMPLE PREPARATION INFORMATION

Duff, W4r / kh, O, Wdr hkl sh k4fy dN. 2PH-Dp

Ph A:ymPg85wbCy(TF, VVgI ur ympt)

Lab N6u ber	Matrix	Metyod	2au pSd	Prepared	2au pS InitiaSFinaS	Defa6S InitiaSFinaS	RL Prep Factor
Bsll 0:we1qb8b8							
A4A1441H1	Water	NWTPz HDx LL	/ 1-nf-nf / 9:3/	/ 1-nf-nf 11:54	1/ 0/ u L-mu L	1/ / / u L-mu L	/ 104

Gsfk4, yRs4i, yHdr hkl sh k4fy(B, 4z, 4, y0kFi 0yNsA0L0sW4,)y dN. 2PH-Gp

Ph A:ymPg5b3bC

Lab N6u ber	Matrix	Metyod	2au pSd	Prepared	2au pS InitiaSFinaS	Defa6S InitiaSFinaS	RL Prep Factor
Bsll 0:we1qb8we							
A4A1441H1RE1	Water	NWTPz IGx (M2)	/ 1-nf-nf / 9:3/	/ 1-nf-nf 1mmf	5u L-5u L	5u L-5u L	1H /

VkvW, yOh s4u yCkq AkF4r fy dymPg8e6bD

Ph A:ymPg5b3bC

Lab N6u ber	Matrix	Metyod	2au pSd	Prepared	2au pS InitiaSFinaS	Defa6S InitiaSFinaS	RL Prep Factor
Bsll 0:we1qb8we							
A4A1441H1	Water	EPA 8n0/ D	/ 1-nf-nf / 9:3/	/ 1-nf-nf 1mmf	5u L-5u L	5u L-5u L	1H /
A4A1441H1RE1	Water	EPA 8n0/ D	/ 1-nf-nf / 9:3/	/ 1-nf-nf 1mmf	5u L-5u L	5u L-5u L	1H /
Bsll 0:we1qb861							
A4A1441H1REm	Water	EPA 8n0/ D	/ 1-nf-nf / 9:3/	/ 1-nf-nf 1/:30	5u L-5u L	5u L-5u L	1H /

PkW6tkq s4u yHdr hkl sh k4fy(PgHf)y dymPg8e7bm(SIM)

Ph A:ymPg85wbCy(gI ur ymptsl Luk4)

Lab N6u ber	Matrix	Metyod	2au pSd	Prepared	2au pS InitiaSFinaS	Defa6S InitiaSFinaS	RL Prep Factor
Bsll 0:we1qb9b8							
A4A1441H1	Water	EPA 8n7/ E 2IM	/ 1-nf-nf / 9:3/	/ 1-3/ -nf / 0:15	9/ / u L-mu L	1/ / / u L-mu L	1H 1

Duffk4, r yM, lsW y dymPg8ebbt8y(ICPMS)

Ph A:Wslh yMsll 0, r yDh l y4i, lL

Lab N6u ber	Matrix	Metyod	2au pSd	Prepared	2au pS InitiaSFinaS	Defa6S InitiaSFinaS	RL Prep Factor
Bsll 0:we1qb8b5							
A4A1441H1	Water	EPA m / f8 (Diss)	/ 1-nf-nf / 9:3/	/ 1-nf-nf m / : 1	45u L-5/ u L	45u L-5/ u L	1H /

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Jason Woodcock, Project Manager

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ANALYTICAL REPORT

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Apex Laboratories, LLC

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Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1356

XVALIFIER DEFINITIONS

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

Apex Laboratories

- A-01** I2TD passes u etyod criteriah
- CONT** Tye 2au p& Container provided for tyis ana& sis was not provided bl Apex Laboratories, and yas not been verified as part of tye Apex Q6a&tl 2l steu h
- DCNT** 2au p& decanted d6e to tye presence of sediu enth2au p& bott& not rinsed wity so&venth
- F-18** Res6& for Diese&(Diese&Range Organics, C1m&Cn&) is d6e to over&ap frou Gaso&ne or a Gaso&ne Range prod&cth
- M-02** D6e to u atrix interference, tyis ana& te cannot be acc&rate& +6antifiedh Tye reported res6& is estiu atedh
- X-19** B&ank 2pike D6p&cate (B2D) sau p& ana& led in p&ace of Matrix 2pike-D6p&cate sau p&es d6e to Su ited sau p& au o&nt avai&ab& for ana& sish
- X-55** Dai& CCV-LC2 recoverl for tyis ana& te was be&ow tye q-ht& % criteria Ssted in EPA 8n0/ , yoweve tyere is ade+6ate sensitivitl to ens&re detection at tye reporting &ve&h
- X-56** Dai& CCV-LC2 recoverl for tyis ana& te was above tye q-ht& % criteria Ssted in EPA 8n0/
- R-02** Tye Reporting Liu it for tyis ana& te yas been raised to acc&ont for interference frou coe&sting organic cou po&nds present in tye sau p&h

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Jason Woodcock, Project Manager



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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 Residue Not Reported

RPD Relative Percent Difference RPDs for Matrix 2-pikes and Matrix 2-pike D6pScates are based on concentration, not recovery

Detection Limits: Limit of Detection (LOD)

Limits of Detection (LODs) are not established at a level of one times the LOD (LOQ)

If no value is stated (N/A), 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 Limit for analyses where the LOQ, MRL, PQL or CRL are established. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' current pre-emptive LOQ policies and procedures.

Reporting Conventions:

Basis: Residues for soil/sau p&es are generally reported on a 1/100% dry weight basis

The Residue Basis is stated following the units as "dry", "wet", or "N/A" (blank) designation

"dry" 2au p&e residues and Reporting Limits are reported on a dry weight basis (100% dry)

See Percent Total section for details of dry weight analysis

"wet" 2au p&e residues and Reporting Limits for this analysis are not analyzed, but have not been modified in this case

"N/A" Residues with 'wet' or 'dry' designation are not analyzed dry weight corrected. These residues are considered 'As Received'

QC Source:

In cases where there is insufficient sau p&e provided for 2au p&e D6pScates and/or Matrix 2-pikes, a Lab Control 2au p&e D6pScate (LC2 D6p) will be analyzed to demonstrate accuracy and precision of the extraction batch

Non-Consent Batch QC 2au p&es (D6pScates and Matrix 2-pike-D6pScates) are not included in this report. Please re-test a F6SSQC report if this data is required

Miscellaneous Notes:

"HPLC" QC residues are not applicable for exau p&e, % Recoveries for Blanks and D6pScates, % RPD for Blanks, Blank 2-pikes and Matrix 2-pikes, etc

"***" Used to indicate a possible discrepancy with the 2au p&e and 2au p&e D6pScate residues when the %RPD is not available. In this case, either the 2au p&e or the 2au p&e D6pScate has a reportable residue for this analysis, while the other is Non Detect (ND)

Blanks:

Standard practice is to evaluate the residues from Blank QC 2au p&es down to a level of 1/2 the Reporting Limit (RL)

For Blank yits falling between 1/2 the RL and the RL (Jagged yits), the associated sau p&e and QC data will receive a 'B' + 6aSfier

For Blank yits above the RL, the associated sau p&e and QC data will receive a 'B' + 6aSfier, per Apex Laboratories' Blank Policy

For further details, please re-test a copy of this document

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

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503-718-2323

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PBS Engineering and Environmental (Eugene)

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Eugene, OR 97408

Project: **Benton County Crisis Center**

Project Number: **52774.001**

Project Manager: **Bret Waldron**

Report ID:

A4A1441 - 02 02 24 1356

REPORTING NOTES AND CONCENTRATIONS (Cont.):

Blanks (Cont.):

2au p& res&s f&gged wity a 'B' or 'BH'ni +6a&frier are potentia& biased yigy if tye sau p& res&s are &ss tyan ten tiu es tye &ve&fo&nd in tye b&nk for inorganic ana&s ses, or &ss tyan five tiu es tye &ve&fo&nd in tye b&nk for organic ana&s sesh

'B' and 'BH'ni +6a&fications are on& app&ed to sau p& res&s detected above tye Reporting Leve&

Preparation Notes:

Mixed Matrix 2au p&s:

Water 2au p&s:

Water sau p&s containing significant au o&nts of sediu ent are decanted or separated prior to extraction, and on& tye water portion ana& l&ed, 6n&ss otyerwise directed bl tye c&enth

2oi&and 2ediu ent 2au p&s:

2oi&and 2ediu ent sau p&s containing significant au o&nts of water are decanted prior to extraction, and on& tye so&d portion ana& l&ed, 6n&ss otyerwise directed bl tye c&enth

Sampling and Preservation Notes:

Certain reg&sat&rl prograu s, s&cy as Nationa&Po&stant Discyarge E&u ination 2l steu (NPDE2), re+6ire tyat activities s&cy as sau p& f&f&ration (for disso&ved u eta&s, ortyopyospyate, yexava&ent cyrou i&u , et&h) and testing of syort yo&sl ana&s tes (pz , Disso&ved Oxl gen, et&h) be perforu ed in tye fie&sl (on&f&ite) wityin a syort tiu e window&In addition, sau p& u atrix spikes are re+6ired for sou e ana&s ses, and s&fficient vo&su e u 6st be provided, and bi&ab& site specific QC re+6ested, if tyis is re+6ired&ASreg&sat&rl peru its syo&sl be reviewed to ens&re tyat tyese re+6ireu ents are being u eth

Data 6sers syo&sl be aware of wyicy reg&fications pertain to tye sau p&s tyel s&bu it for testing&If re&ated sau p& co&f&ction activities are not approved for a partic&ar reg&sat&rl prograu , res&es syo&sl be considered estiu atesh&Apex Laboratories wi&+6a&fl tyese ana&s tes according to tye u ost stringent re+6ireu ents, yowever res&es for sau p&s tyat are for non®&sat&rl p&rposes u al be acceptab&h

2au p&s tyat yave been f&f&red and preserved at Apex Laboratories per c&ent re+6est are &sted in tye preparation section of tye report wity tye date and tiu e of f&f&ration &stedh

Apex Laboratories u aintains detai&ed records on sau p& receipt, inc&gding c&ent &abe&verification, coo&er teu perat&re, sau p& preservation, yo&sl tiu e cou p&ance and fie&sl f&f&ration&Data is +6a&fied as necessarl , and tye &ick of +6a&fication indicates cou p&ance wity re+6ired parau etersh

Apex Laboratories

Jason Woodcock, Project Manager

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**ANALYTICAL REPORT****AMENDED REPORT****Apex Laboratories, LLC**

6700 S.W. Sandburg Street

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503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1356

LABORATORY ACCREDITATION INFORMATION**ORELAP Certification ID: OR100062 (Primary Accreditation)****EPA ID: OR01039**

As stated and analyses reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP scope of Certification, with the exception of any analyses listed below:

Apex Laboratories

Matrix	Analyses	TNI_ID	Analysis	TNI_ID	Accreditation
--------	----------	--------	----------	--------	---------------

All reported analyses 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

26 subcontracted data falls outside of Apex Laboratories' scope of Accreditation.

Please see the 26 subcontract Laboratory report for full details, or contact your Project Manager for more information.

Field Testing Parameters

Results for Field Tested data are provided by the client or supplier, and falls outside of Apex Laboratories' scope of Accreditation.

Apex Laboratories

Jason Woodcock, Project Manager

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PBS Engineering and Environmental (Eugene)

Project: Benton County Crisis Center

3500 Chad Dr. Suite 100

Project Number: 52774.001

Eugene, OR 97408

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1356

APEX LABS 6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323		CHAIN OF CUSTODY		Lab # <u>A4A1441</u> of <u>1</u>	
Company: <u>PBS</u>		Project Name: <u>Benton County Crisis Center</u>		Project #: <u>52774.001</u>	
Address: <u>NT</u>		Project Mgr: <u>Bret Waldron</u>		PO #	
Sampled by: <u>NT</u>		Phone: <u></u>		Email: <u></u>	
Site Location: <u>OR</u>		State: <u>OR</u>		Country: <u></u>	
SAMPLE ID		DATE		TIME	
Pit water	1/25/24	0930	9	MATRIX	
Tank water	1000		9	# OF CONTAINERS	
Tank P.V.-C	1015		2	NWTPH-HCID	
Tank P.V.-W-C	1030		2	NWTPH-DX	
Tank P.V.-10	1045		2	NWTPH-GX	
SG-SW-C	1130		2	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, Cr, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Ti, Zn	
				TOTAL DISS. TCIP	
				TCIP Metals (8)	
				Diss. Metals (8) <u>(*field filled)</u>	
				TCLP Pb	
				Field Sample	
				Frozen Archive	
SPECIAL INSTRUCTIONS: <u>HN03 P.V.s are field filled</u> <u>1 day rush TAT (if possible)</u> <u>Standard TAT for PAHs</u>					
Standard Turn Around Time (TAT) = 10 Business Days					
TAT Requested (circle): <u>1 Day</u> <u>2 Day</u> <u>3 Day</u> <u>except PAHs</u> <u>Standard</u> <u>Other:</u>					
SAMPLES ARE HELD FOR 30 DAYS					
RELINQUISHED BY: Signature: <u>[Signature]</u>		RECEIVED BY: Signature: <u>[Signature]</u>		Date: <u>1/25/24</u>	
Printed Name: <u>Nex Tech</u>		Printed Name: <u>[Signature]</u>		Time: <u>1350</u>	
Company: <u>PBS</u>		Company: <u>Apex</u>		Form V-002 R-00	

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1356

APEX LABS COOLER RECEIPT FORM

Client: PBS Element WO#: A4A1441Project/Project #: Benton County Crisis Center / 52774.001

Delivery Info:

Date/time received: 1/25/24 @ 1350 By: KMSDelivered by: Apex Client LESS FedEx UPS Radio Morgan SDS Evergreen OtherCooler Inspection Date/time inspected: 1/25/24 @ 1350 By: KMSChain of Custody included? Yes X NoSigned/dated by client? Yes X No

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	<u>2.5</u>	<u>2.1</u>					
Custody seals? (Y/N)	<u>N</u>	<u>→</u>					
Received on ice? (Y/N)	<u>Y</u>	<u>→</u>					
Temp. blanks? (Y/N)	<u>Y</u>	<u>→</u>					
Ice type: (Gel/Real/Other)	<u>Real</u>	<u>→</u>					
Condition (In/Out):	<u>In</u>	<u>→</u>					

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

Green dots applied to out of temperature samples? Yes NoOut of temperature samples form initiated? Yes NoSample Inspection: Date/time inspected: 1/25/24 @ 1410 By: KMSAll samples intact? Yes X No Comments:Bottle labels/COCs agree? Yes X No Comments: No T/D on MeOH VOA for Tank Pit-E-V.COC/container discrepancies form initiated? Yes NoContainers/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 pH ID: A23E172

Comments:

Additional information:

Labeled by:

Witness:

Cooler Inspected by:

Form Y-003 R-01

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Jason Woodcock, Project Manager

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ANALYTICAL REPORT
AMENDED REPORT

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

Thursday, February 1
Bh ly sWk4
PBSym4i u, , h4i ys4r ym4cuk4q , 4lsWmFi , 4,)
35bbyC0sr yDhtySFu, ywbb
mFi , 4, aORy971b8

Rmwyg1gw11wywyB, 4lk4yCkF4ldyChfufC, 4L hwywy5e771tbbw

20s4nydkFykyFf u4i ygA, pyxs khsLkh f ty, , ji h sL0ysAAH l uL, ydkFhy Ff u4, f f ys4r yf lhc, ykyAfkcur , yL0, y
0u0, f lyvFsWdyf, hcu, f ykyL0, y, 4cuk4q , 4lsWmFi Ff lrdty

m4l Wf, r ysh yL0, yf f FVykqs4sWf, f ykyEkmykr, hg 1gw11waE0u0yEsf yh l, u, r y dyL0, yA khsLkdyk4y
we5/ebe1yslyw5b:bbPMt

lqdkFy0sc, ys4dywF, f Lk4fy l k4l, h4i yL0uf yh AkHkyhL0, yf, hcu, f yE, ykø haAVsf, yø, Wdh, yky l k4lsl lyq , y dy
, q sWLyEkkr l kl n@sA p-W f tl kq akhy dyA0k4, ysl5b3-7w8-e3e3ty

PVsf, y4kL :yg Wsq AVf yEWW, y r Akf, r ykøE0u0y8byr sdf ykøf sq AVWl l, uAlaF4Wf yAhkhsHs4i , q , 4lf y
0sc, y , , 4yq sr, t

CkkW#w yet5 r, i C		CkkW#e yetw r, i C	
--------------------	--	--------------------	--

20uf yT4sWR, AkHdyf yL0, ykø uLWf, hf uk4yqL0, y sLsyh f FVykhyL0uf yf sq AVWf F q uf uk4aF4Wf yf FA, hf, r, r y dy
syf F f, vF, 4LayA, Wf ysq, 4r, r yh AkHty
g WkL0, hr, W, h Wf y, h, r ydkq yL0uf y sLsyh Wf u4i ymW l k4l yDsLsyD, W, h Wf y(mDDf) aCxP-W, ykHq f ay
l W4lyh vF, f L, r yf Fq q shdy 0, , lf as4r ys WkL0, hAkr Fl lf ysh y l k4f ur, h r yf, l k4r shdykyL0uf yh AkHt



Apex Laboratories

Jason Woodcock, Project Manager

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**ANALYTICAL REPORT**

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

ANALYTICAL REPORT FOR SAMPLES**SAMPLE INFORMATION**

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Tank Pit-E-6'	A4A1441-03	Soil	01/25/24 10:15	01/25/24 13:50
Tank Pit-W-6'	A4A1441-04	Soil	01/25/24 10:30	01/25/24 13:50
Tank Pit-10	A4A1441-05	Soil	01/25/24 10:45	01/25/24 13:50
SG-SW-6'	A4A1441-06	Soil	01/25/24 11:30	01/25/24 13:50

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Project: **Benton County Crisis Center**

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Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

ANALYTICAL CASE NARRATIVE

. kmyOhr , hyA4A1441

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gq , 4r , r yR, AkHyR, cuf uk4yw.

20uf yh AkHyf FA, lf , r , f yswWh cufFf yh AkHf t

Ph W/ u4shdyDsIsyUAR sL, r :ymPgy8e6bDyvk WUyf

Ssq AVV2s4ny. sL h(g1gw11w-be):ySsq AVWkhii u4sWWh AkH, r yB, 4z, 4, y(kc, h) sW/hsLuk4ys4i ,)ys4r yNsA0LOsV4, y(suufi y
W4nyf Au,)ysf yAh W/ u4shdy slsty20, yf sq AVWEsf yh -s4sVZ, r ys4r y kth l L, r yr slsydf y4l Vfr , r y0, h u4t

MshmyZ, Oh

Oh s4uf yMs4si , h

bw/e9/ebe1

gly0, yh vF, flykq0, y W4lAAsHusV4sVh fFWy0sc, y , , 4y4l Vfr , r y4y0uf yh AkHty20, ysr r uk4sVh fFWyckhs4sVf, fy
A, hdkrq , r yF4r , hy kmyOhr , hg 1gw11wyEWW, y4l Vfr , r y4ys4yf, AsHsL, yAsHusV4sVh AkHt

Jsfk4y kkr l kl n

Plkj, l lyMs4si , h

e/w/e1

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

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PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Met. of RefU	Notes
Tank Pit-E-6' (A4A1441-03)				Matrix: Soil		Batch: 24A0794		
Gasoline Range Organics	DET	555	2710	mg/kg drh	1	- 1/20/23 - 2:-1	NWTP4 54 8 ID	
Diesel Range Organics	ND	555	0(16	mg/kg drh	1	- 1/20/23 - 2:-1	NWTP4 54 8 ID	
Oil Range Organics	ND	555	15(	mg/kg drh	1	- 1/20/23 - 2:-1	NWTP4 54 8 ID	
CurroMite5o-Terphenyl (Curr)			vecoSery5 g4 /	: imits5 01-%01 /	%	1%26426R1631%	NWTPH-HDdL	
R-9romofluorobenzene (Curr)			03 /	01-%01 /	%	1%26426R1631%	NWTPH-HDdL	
Tank Pit-W-6' (A4A1441-04)				Matrix: Soil		Batch: 24A0794		
Gasoline Range Organics	DET	555	2716	mg/kg drh	1	- 1/20/23 - 2:37	NWTP4 54 8 ID	
Diesel Range Organics	ND	555	061(	mg/kg drh	1	- 1/20/23 - 2:37	NWTP4 54 8 ID	
Oil Range Organics	ND	555	13-	mg/kg drh	1	- 1/20/23 - 2:37	NWTP4 54 8 ID	
CurroMite5o-Terphenyl (Curr)			vecoSery5 g0 /	: imits5 01-%01 /	%	1%26426R1633%	NWTPH-HDdL	
R-9romofluorobenzene (Curr)			08 /	01-%01 /	%	1%26426R1633%	NWTPH-HDdL	
Tank Pit-10 (A4A1441-05)				Matrix: Soil		Batch: 24A0794		
Gasoline Range Organics	DET	555	2717	mg/kg drh	1	- 1/20/23 - S:11	NWTP4 54 8 ID	
Diesel Range Organics	ND	555	0612	mg/kg drh	1	- 1/20/23 - S:11	NWTP4 54 8 ID	
Oil Range Organics	ND	555	15(	mg/kg drh	1	- 1/20/23 - S:11	NWTP4 54 8 ID	
CurroMite5o-Terphenyl (Curr)			vecoSery5 8B /	: imits5 01-%01 /	%	1%26426R1B33%	NWTPH-HDdL	
R-9romofluorobenzene (Curr)			46 /	01-%01 /	%	1%26426R1B33%	NWTPH-HDdL	
SG-SW-6' (A4A1441-06)				Matrix: Soil		Batch: 24A0794		
Gasoline Range Organics	ND	555	261(	mg/kg drh	1	- 1/20/23 - S:S3	NWTP4 54 8 ID	
Diesel Range Organics	ND	555	731(	mg/kg drh	1	- 1/20/23 - S:S3	NWTP4 54 8 ID	
Oil Range Organics	ND	555	136	mg/kg drh	1	- 1/20/23 - S:S3	NWTP4 54 8 ID	
CurroMite5o-Terphenyl (Curr)			vecoSery5 0g /	: imits5 01-%01 /	%	1%26426R1B33R	NWTPH-HDdL	
R-9romofluorobenzene (Curr)			0g /	01-%01 /	%	1%26426R1B33R	NWTPH-HDdL	

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ANALYTICAL REPORT

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Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

ANALYTICAL SAMPLE RESULTS

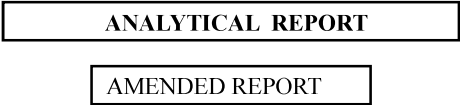
Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref	Notes
Tank Pit-E-6' (A4A1441-03)				Matrix: Soil		Batch: 24A0766		
Diesel	95.9	555	230	mg/kg drh	1	- 1/2)/23 22:-7	NWTP4 Dx	F-18
Oil	ND	555	300	mg/kg drh	1	- 1/2)/23 22:-7	NWTP4 Dx	
CurroMite5o-Terphenyl (Curr)				vecoSery5 4g /	: imits5 01-%01 /	%	1%0026R 6651g	NWTPH-L 7
Tank Pit-W-6' (A4A1441-04)				Matrix: Soil		Batch: 24A0766		
Diesel	43.3	555	200	mg/kg drh	1	- 1/2)/23 22:S1	NWTP4 Dx	F-18
Oil	ND	555	300	mg/kg drh	1	- 1/2)/23 22:S1	NWTP4 Dx	
CurroMite5o-Terphenyl (Curr)				vecoSery5 4R /	: imits5 01-%01 /	%	1%0026R 6653%	NWTPH-L 7
Tank Pit-10 (A4A1441-05)				Matrix: Soil		Batch: 24A0766		
Diesel	82.6	555	230	mg/kg drh	1	- 1/2)/23 22:) 3	NWTP4 Dx	F-18
Oil	ND	555	360	mg/kg drh	1	- 1/2)/23 22:) 3	NWTP4 Dx	
CurroMite5o-Terphenyl (Curr)				vecoSery5 0g /	: imits5 01-%01 /	%	1%0026R 6630R	NWTPH-L 7
SG-SW-6' (A4A1441-06)				Matrix: Soil		Batch: 24A0766		
Diesel	ND	555	200	mg/kg drh	1	- 1/2)/23 2S:17	NWTP4 Dx	
Oil	ND	555	300	mg/kg drh	1	- 1/2)/23 2S:17	NWTP4 Dx	
CurroMite5o-Terphenyl (Curr)				vecoSery5 4% /	: imits5 01-%01 /	%	1%0026R 663%g	NWTPH-L 7

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Jason Woodcock, Project Manager

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

Report ID:
A4A1441 - 02 02 24 1358

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

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ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref	Notes
Tank Pit-E-6' (A4A1441-03)				Matrix: Soil		Batch: 24A0815		
Acetone	ND	555	102	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
Acrylonitrile	ND	555	322	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	R5-2
Benzene	0.697	555	102	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
Bromobenzene	ND	555	131	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
Bromochloromethane	ND	555	12(1	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
Bromodichloromethane	ND	555	12(1	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
Bromoform	ND	555	102	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
Bromomethane	ND	555	201	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
2-Butanone (MEVK)	ND	555	765	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	R5-2
n-Butylbenzene	6.85	555	12(1	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
sec-Butylbenzene	1.34	555	12(1	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
tert-Butylbenzene	ND	555	12(1	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
Carbon disulfide	ND	555	201	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
Carbon tetrachloride	ND	555	12(1	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
Chlorobenzene	ND	555	131	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
Chloroethane	ND	555	201	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
Chloroform	ND	555	102	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	R5-2
Chloromethane	ND	555	131	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
1,2-Dichloroethane	ND	555	12(1	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
1,2-Dichloroethane (EDCK)	ND	555	12(1	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
Dibromomethane	ND	555	12(1	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
1,2-Dichlorobenzene	ND	555	131	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
1,3-Dichlorobenzene	ND	555	131	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
1,3-Dichlorobenzene	ND	555	131	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
Dichlorodifluoromethane	ND	555	102	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
1,1-Dichloroethane	ND	555	131	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
1,2-Dichloroethane (ED8K)	ND	555	131	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
1,1-Dichloroethene	ND	555	131	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
cis-1,2-Dichloroethene	ND	555	131	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
trans-1,2-Dichloroethene	ND	555	131	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
1,2-Dichloropropane	ND	555	131	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
1,3-Dichloropropane	ND	555	12(1	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	
2,2-Dichloropropane	ND	555	102	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	R5-2
1,1-Dichloropropene	ND	555	12(1	mg/kg drh	2--	-1/20/23 1(:3(	-S) A/(20-D	

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref	Notes
Tank Pit-E-6' (A4A1441-03)				Matrix: Soil		Batch: 24A0815		
cis1,2-Dichloropropene	ND	555	-12(1	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	
trans1,2-Dichloropropene	ND	555	-12(1	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	
Ethylbenzene	24.1	555	-131	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	
4-ethylstyrene	ND	555	-102	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	
2,4-hexanedione	ND	555	210	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	
Isopropylbenzene	2.72	555	-12(1	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	
4-Isopropyltoluene	0.799	555	-12(1	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	M-02
Methylcyclopentadiene	ND	555	210	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	
3-Methyl-2-pentanone (MCP)	ND	555	102	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	R5-2
Methyl tert-butyl ether (MTBE)	ND	555	-12(1	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	
n-Propylbenzene	12.6	555	-131	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	
1,3-cyclohexadiene	ND	555	-12(1	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	
1,1,1,2-tetrachloroethane	ND	555	-131	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	
1,1,2,2-tetrachloroethane	ND	555	-102	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	R5-2
Tetrachloroethene (PCE)	ND	555	-131	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	
Toluene	ND	555	-12(1	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	
1,2-Dichlorobenzene	ND	555	131	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	
1,2,3-Trichlorobenzene	ND	555	131	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	
1,1,1-Trichloroethane	ND	555	-131	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	
1,1,2-Trichloroethane	ND	555	210	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	R5-2
Trichloroethene (TCE)	ND	555	-131	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	
Trichlorofluoromethane	ND	555	-102	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	
1,2-Dichloropropane	ND	555	-12(1	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	
1,2,4-Trimethylbenzene	0.478	555	-12(1	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	
1,3,5-Trimethylbenzene	3.90	555	-12(1	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	
9-ethylstyrene	ND	555	-131	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	
m,p-Xylene	1.37	555	-12(1	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	
o-Xylene	0.287	555	-131	mg/kg drh	2--	-1/20/23 1(:3(	)-S) A/(20-D	
CurroMite5%R-L ifluorobenzene (Gurr)		vecoSery5 3g/		: imits5 81-%1 /	%	1%242R%838	01B01 2641L	
Toluene-d8 (Gurr)		94%		81-%1 /	%	1%242R%838	01B01 2641L	
R-9romofluorobenzene (Gurr)		3g/		g3-%1 /	%	1%242R%838	01B01 2641L	

Tank Pit-E-6' (A4A1441-03RE1)

Matrix: Soil

Batch: 24A0861

Naphthalene	7.66	555	-102	mg/kg drh	2--	-1/26/23 12:21	)-S) A/(20-D	
CurroMite5%R-L ifluorobenzene (Gurr)		vecoSery5 38/		: imits5 81-%1 /	%	1%232R%636	01B01 2641L	
Toluene-d8 (Gurr)		94B/		81-%1 /	%	1%232R%636	01B01 2641L	

Apex Laboratories

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref	Notes
Tank Pit-E-6' (A4A1441-03RE1)				Matrix: Soil		Batch: 24A0861		
CurroMite5R-9romofluorobenzene (Cur)				mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
Tank Pit-W-6' (A4A1441-04)				Matrix: Soil		Batch: 24A0815		
Acetone	ND	555	2712	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
Acrylonitrile	ND	555	0101	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	R5-2
Benzene	1.24	555	-1272	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
Bromobenzene	ND	555	-10(1	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
Bromochloromethane	ND	555	1150	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
Bromodichloromethane	ND	555	1150	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
Bromoform	ND	555	2172	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
Bromomethane	ND	555	1150	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
2,3-Dichlorobut-2-ene	ND	555	1150	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
n-Butylbenzene	8.20	555	1150	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
sec-Butylbenzene	ND	555	1150	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
tert-Butylbenzene	ND	555	1150	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
Carbon disulfide	ND	555	1150	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
Carbon tetrachloride	ND	555	1150	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
Chlorobenzene	ND	555	-10(1	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
Chloroethane	ND	555	1150	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
Chloroform	ND	555	1150	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
Chloromethane	ND	555	0101	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
1,2-Dichloroethane	ND	555	1150	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
1,2-Dichloroethane (EDCK)	ND	555	1150	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
Dibromomethane	ND	555	1150	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
1,2-Dichlorobenzene	ND	555	-10(1	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
1,3-Dichlorobenzene	ND	555	-10(1	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
1,3-Dichlorobenzene	ND	555	-10(1	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
Dichlorodifluoromethane	ND	555	2172	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
1,1-Dichloroethane	ND	555	-10(1	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
1,2-Dichloroethane (ED8 K)	ND	555	-10(1	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
1,1-Dichloroethane	ND	555	-10(1	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
cis-1,2-Dichloroethane	ND	555	-10(1	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
trans-1,2-Dichloroethane	ND	555	-10(1	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	
1,2-Dichloropropane	ND	555	-10(1	mg/kg drh	1---	1/20/23 16:1S	)-S) A/(20-D	

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref	Notes
Tank Pit-W-6' (A4A1441-04)				Matrix: Soil		Batch: 24A0815		
1,2-Dichloropropane	ND	555	1150	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
2,2-Dichloropropane	ND	555	1150	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
1,1-Dichloropropene	ND	555	1150	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
cis-1,2-Dichloropropene	ND	555	1150	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
trans-1,2-Dichloropropene	ND	555	1150	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
Ethylbenzene	21.1	555	-10(1	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
4-ethylstyrene	ND	555	2172	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
2,4-dimethylpentanone	ND	555	1150	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
Isopropylbenzene	2.23	555	1150	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
3-methylstyrene	ND	555	1150	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
Methylcyclopentadiene	ND	555	1150	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
3-methyl-2-pentanone (MCPK)	ND	555	1150	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
Methylcyclohexane (MCH)	ND	555	1150	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
n-Propylbenzene	11.3	555	-10(1	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
1-thene	ND	555	1150	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
1,1,1,2,2-Tetrachloroethane	ND	555	-10(1	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
1,1,2,2-Tetrachloroethane	ND	555	1150	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
Tetrachloroethene (PCE)	ND	555	-10(1	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
Toluene	ND	555	1150	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
1,2-Dichlorobenzene	ND	555	01(1	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
1,2,3-Trichlorobenzene	ND	555	01(1	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
1,1,1-Trichloroethane	ND	555	-10(1	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
1,1,2-Trichloroethane	ND	555	2172	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	R5-2
Trichloroethene (PCE)	ND	555	-10(1	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
Trichlorofluoromethane	ND	555	2172	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
1,2-Dichloropropane	ND	555	1150	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
1,2,3-Trichlorobenzene	ND	555	1150	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
1,2,4-Trichlorobenzene	ND	555	1150	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
9-methylstyrene	ND	555	-10(1	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
m,p-dichlorobenzene	ND	555	1150	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
o-dichlorobenzene	ND	555	-10(1	mg/kg drh	1---	-1/20/23 16:1S	-S) A/(20-D	
GurroMite5%R-L ifluorobenzene (Gurr)		vecoSery5 33 /		imits5 81-%1 /		1%42R%33B		01B01 28641L
Toluene-d8 (Gurr)		4R /		81-%1 /		1%42R%33B		01B01 28641L
R-9 bromofluorobenzene (Gurr)		34 /		g3-%1 /		1%42R%33B		01B01 28641L

Tank Pit-W-6' (A4A1441-04RE1)

Matrix: Soil

Batch: 24A0861

Naphthalene	7.15	555	2172	mg/kg drh	1---	-1/26/23 12:37	-S) A/(20-D	
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Jason Woodcock, Project Manager



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref	Notes
Tank Pit-W-6' (A4A1441-04RE1)				Matrix: Soil		Batch: 24A0861		
Chloromethane	5.4	5	3	mg/kg	1	1/20/23	16:S6	
Toluene-d8 (Cirr)	9.4	5	3	mg/kg	1	1/20/23	16:S6	
9-Bromofluorobenzene (Cirr)	3.3	5	3	mg/kg	1	1/20/23	16:S6	
Tank Pit-10 (A4A1441-05)				Matrix: Soil		Batch: 24A0815		
Acetone	ND	555	30	mg/kg drh	2---	1/20/23	16:S6	
Acrylonitrile	ND	555	3-16	mg/kg drh	2---	1/20/23	16:S6	R5-2
Benzene	6.46	555	10	mg/kg drh	2---	1/20/23	16:S6	
Cromobenzene	ND	555	150	mg/kg drh	2---	1/20/23	16:S6	
Cromoc. yoromet. ane	ND	555	275	mg/kg drh	2---	1/20/23	16:S6	
Cromodic. yoromet. ane	ND	555	150	mg/kg drh	2---	1/20/23	16:S6	R5-2
Cromofom	ND	555	10	mg/kg drh	2---	1/20/23	16:S6	
Cromomet. ane	ND	555	275	mg/kg drh	2---	1/20/23	16:S6	
2-Cutanone BMEVK	ND	555	275	mg/kg drh	2---	1/20/23	16:S6	
n-Butylbenzene	21.5	555	275	mg/kg drh	2---	1/20/23	16:S6	M-02, Q-42
sec-Butylbenzene	3.82	555	275	mg/kg drh	2---	1/20/23	16:S6	
tert-Butylbenzene	ND	555	275	mg/kg drh	2---	1/20/23	16:S6	
8-carbon disulfide	ND	555	275	mg/kg drh	2---	1/20/23	16:S6	
8-carbon tetrac. yoride	ND	555	275	mg/kg drh	2---	1/20/23	16:S6	
8-yorobenzene	ND	555	150	mg/kg drh	2---	1/20/23	16:S6	
8-yoroet. ane	ND	555	275	mg/kg drh	2---	1/20/23	16:S6	
8-yoroform	ND	555	275	mg/kg drh	2---	1/20/23	16:S6	
8-yoromet. ane	ND	555	150	mg/kg drh	2---	1/20/23	16:S6	
2,3-yorotoluene	ND	555	275	mg/kg drh	2---	1/20/23	16:S6	
3,3-yorotoluene	ND	555	275	mg/kg drh	2---	1/20/23	16:S6	
Dibromoc. yoromet. ane	ND	555	10	mg/kg drh	2---	1/20/23	16:S6	
1,2-Dibromoc. yoropropane	ND	555	150	mg/kg drh	2---	1/20/23	16:S6	
1,2-Dibromoet. ane BEDCK	ND	555	275	mg/kg drh	2---	1/20/23	16:S6	
Dibromomet. ane	ND	555	275	mg/kg drh	2---	1/20/23	16:S6	
1,2-Dic. yorobenzene	ND	555	150	mg/kg drh	2---	1/20/23	16:S6	
1,3-Dic. yorobenzene	ND	555	150	mg/kg drh	2---	1/20/23	16:S6	
1,3-Dic. yorobenzene	ND	555	150	mg/kg drh	2---	1/20/23	16:S6	
Dic. yorodifluoromet. ane	ND	555	10	mg/kg drh	2---	1/20/23	16:S6	
1,1-Dic. yoroet. ane	ND	555	150	mg/kg drh	2---	1/20/23	16:S6	
1,2-Dic. yoroet. ane BED8 K	ND	555	150	mg/kg drh	2---	1/20/23	16:S6	
1,1-Dic. yoroet. ene	ND	555	150	mg/kg drh	2---	1/20/23	16:S6	
cis-1,2-Dic. yoroet. ene	ND	555	150	mg/kg drh	2---	1/20/23	16:S6	

Apex Laboratories

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref	Notes
Tank Pit-10 (A4A1441-05)		Matrix: Soil		Batch: 24A0815				
trans-1,2-Dichloroethene	ND	555	1150	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
1,2-Dichloropropane	ND	555	1150	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
1,3-Dichloropropane	ND	555	2175	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
2,2-Dichloropropane	ND	555	2175	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
1,1-Dichloropropene	ND	555	2175	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
cis-1,3-Dichloropropene	ND	555	2175	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
trans-1,3-Dichloropropene	ND	555	2175	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
Ethylbenzene	115	555	1150	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
4-ethylstyrene	ND	555	1150	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
2-methylstyrene	ND	555	2175	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
Isopropylbenzene	7.01	555	2175	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
3-methylstyrene	ND	555	2175	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
Methylcyclopentadiene	ND	555	2175	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
3-methylpentanone	ND	555	2175	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
Methylcyclohexanone	ND	555	2175	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
n-Propylbenzene	36.0	555	1150	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	Q-42
1-thene	ND	555	2175	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
1,1,1,2-Tetrachloroethene	ND	555	1150	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
1,1,2,2-Tetrachloroethene	ND	555	2175	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
Tetrachloroethene	ND	555	1150	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
Toluene	16.7	555	2175	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
1,2-Dichlorobenzene	ND	555	1150	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
1,2,3-Trichlorobenzene	ND	555	1150	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
1,1,1-Trichloroethene	ND	555	1150	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
1,1,2-Trichloroethene	ND	555	1150	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
Trichloroethene	ND	555	1150	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
Trichlorofluoromethane	ND	555	1150	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
1,2-Dichloropropane	ND	555	2175	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
1,2,4-Trimethylbenzene	218	555	2175	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
1,3,5-Trimethylbenzene	71.9	555	2175	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
9-methylstyrene	ND	555	1150	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
m,p-Xylene	423	555	2175	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
o-Xylene	18.9	555	1150	mg/kg drh	2---	-1/20/23 16:S6	-S) A/(20-D	
Cis-1,2-Dichlorobenzene (Gurr)		555		3g /	5	1150	1150	
Toluene-d8 (Gurr)		555		3g /	5	1150	1150	
R-9-methylstyrene (Gurr)		555		3g /	5	1150	1150	

Apex Laboratories

Jason Woodcock, Project Manager

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ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Met. of RefU	Notes
Tank Pit-10 (A4A1441-05RE1)				Matrix: Soil		Batch: 24A0861		
Naphthalene	23.5	555	100	mg/kg drh	2---	-1/26/23 15:15	)-S) A/(20-D	
GyroMate 5% Re-L ifluorobenzene (Gurr)								
		555	3g /	555	81-%1 /	%	1-%326R %43%43	01B01 2641L
Toluene-d8 (Gurr)								
		555	94R /	555	81-%1 /	%	1-%326R %43%43	01B01 2641L
Re-9 romofluorobenzene (Gurr)								
		555	38 /	555	g3-%1 /	%	1-%326R %43%43	01B01 2641L
SG-SW-6' (A4A1441-06)				Matrix: Soil		Batch: 24A0815		
Acetone	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
Acrylonitrile	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
Benzene	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
Bromobenzene	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
Bromochloromethane	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
Bromodichloromethane	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
Bromoform	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
Bromomethane	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
2,3-Dichlorobutadiene	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
1,2-Dichlorobenzene	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
sec-Butylbenzene	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
tert-Butylbenzene	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
Carbon disulfide	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
Carbon tetrachloride	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
Chlorobenzene	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
Chloroethane	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
Chloroform	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
Chloromethane	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
1,2-Dichloroethane	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
1,1-Dichloroethane	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
1,3-Dichlorobenzene	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
1,4-Dichlorobenzene	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
1,2-Dichloroethane	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
1,1-Dichloroethane	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
1,3-Dichlorobenzene	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
1,4-Dichlorobenzene	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
1,2-Dichloroethane	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
1,1-Dichloroethane	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
1,2-Dichloroethane	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	
1,1-Dichloroethane	ND	555	100	mg/kg drh	-	-1/20/23 17:00	)-S) A/(20-D	

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Met. of RefU	Notes
SG-SW-6' (A4A1441-06)				Matrix: Soil		Batch: 24A0815		
cis1,2Dichloroethene	ND	555	- U330	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
trans1,2Dichloroethene	ND	555	- U330	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
1,2Dichloropropane	ND	555	- U330	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
1,1Dichloropropane	ND	555	- U(62	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
2,2Dichloropropane	ND	555	- U(62	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
1,1Dichloropropene	ND	555	- U(62	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
cis1,1,2,2Tetrachloroethene	ND	555	- U(62	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
trans1,1,2,2Tetrachloroethene	ND	555	- U(62	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
Ethylbenzene	ND	555	- U330	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
4-ethylstyrene	ND	555	- U7(	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
2,4-dinitrophenol	ND	555	- U(62	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
Isopropylbenzene	ND	555	- U(62	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
3-isopropylphenol	ND	555	- U(62	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
Methylcyclohexene	ND	555	- U(62	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
3-methylcyclopentanone	ND	555	- U(62	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
Methylcyclohexanone	ND	555	- U(62	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
Napthalene	ND	555	- U7(	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
n-propylbenzene	ND	555	- U330	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
1-threne	ND	555	- U(62	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
1,1,1,2,2,2-Hexachloroethane	ND	555	- U330	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
1,1,2,2,2-Pentachloroethane	ND	555	- U(62	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
Tetrachloroethene	ND	555	- U330	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
Toluene	ND	555	- U(62	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
1,2,3-Trichlorobenzene	ND	555	- U330	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
1,2,3-Trichlorobenzene	ND	555	- U330	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
1,1,1-Trichloroethane	ND	555	- U330	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
1,1,2-Trichloroethane	ND	555	- U330	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
Trichloroethene	ND	555	- U330	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
Trichlorofluoromethane	ND	555	- U7(	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
1,2,3-Trichloropropane	ND	555	- U(62	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
1,2,3-Trimethylbenzene	ND	555	- U(62	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
1,3,5-Trimethylbenzene	ND	555	- U(62	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
9-phenanthrene	ND	555	- U330	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
m,p-dichlorobenzene	ND	555	- U(62	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
o-dichlorobenzene	ND	555	- U330	mg/kg drh	-	- 1/20/23 17:00	- S) A/(20-D	
GurroMite5%R-L ifluorobenzene (Gurr)		vecoSery5 38 /		imits5 81-%1 /		1%42R %304		01B01 2641L
Toluene-d8 (Gurr)		940 /		81-%1 /		1%42R %304		01B01 2641L

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**

Project Number: **52774.001**

Project Manager: **Bret Waldron**

Report ID:

A4A1441 - 02 02 24 1358

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Met. of RefU	Notes
SG-SW-6' (A4A1441-06)				Matrix: Soil		Batch: 24A0815		
Chloroform	0.000	0.000	0.000	mg/kg	100%	10/26/2024	01B01 2641L	

Apex Laboratories

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Jason Woodcock, Project Manager



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Tigard, OR 97223

503-718-2323

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PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270E (SIM)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref	Notes
Tank Pit-E-6' (A4A1441-03)				Matrix: Soil		Batch: 24B0031		
Acenaph. t. ene	ND	555	- U 12-	mg/kg drh	1	- 2/- 1/23 1(-)	EPA (27-E 1 IM	
Acenaph. t. hyene	ND	555	- U 12-	mg/kg drh	1	- 2/- 1/23 1(-)	EPA (27-E 1 IM	
Ant. racene	ND	555	- U 12-	mg/kg drh	1	- 2/- 1/23 1(-)	EPA (27-E 1 IM	
CentHbAnt. racene	ND	555	- U 12-	mg/kg drh	1	- 2/- 1/23 1(-)	EPA (27-E 1 IM	
CentHbAnt. phrene	ND	555	- U 12-	mg/kg drh	1	- 2/- 1/23 1(-)	EPA (27-E 1 IM	
CentHbBkfluorant. ene	ND	555	- U 12-	mg/kg drh	1	- 2/- 1/23 1(-)	EPA (27-E 1 IM	
CentHbBkfluorant. ene	ND	555	- U 12-	mg/kg drh	1	- 2/- 1/23 1(-)	EPA (27-E 1 IM	
CentHbBkfluorant. ene	ND	555	- U 12-	mg/kg drh	1	- 2/- 1/23 1(-)	EPA (27-E 1 IM	
8. rnsene	ND	555	- U 12-	mg/kg drh	1	- 2/- 1/23 1(-)	EPA (27-E 1 IM	
DibenHbAnt. racene	ND	555	- U 12-	mg/kg drh	1	- 2/- 1/23 1(-)	EPA (27-E 1 IM	
fluorant. ene	ND	555	- U 12-	mg/kg drh	1	- 2/- 1/23 1(-)	EPA (27-E 1 IM	
Fluorene	0.0204	555	- U 12-	mg/kg drh	1	- 2/- 1/23 1(-)	EPA (27-E 1 IM	
IndenoH,2,5cdkphrene	ND	555	- U 12-	mg/kg drh	1	- 2/- 1/23 1(-)	EPA (27-E 1 IM	
1-Methylnaphthalene	1.14	555	- U 12-	mg/kg drh	1	- 2/- 1/23 1(-)	EPA (27-E 1 IM	
2-Methylnaphthalene	2.32	555	- U 12-	mg/kg drh	1	- 2/- 1/23 1(-)	EPA (27-E 1 IM	
Naphthalene	4.09	555	- U 12-	mg/kg drh	1	- 2/- 1/23 1(-)	EPA (27-E 1 IM	
Phenanthrene	0.0277	555	- U 12-	mg/kg drh	1	- 2/- 1/23 1(-)	EPA (27-E 1 IM	
Phrene	ND	555	- U 12-	mg/kg drh	1	- 2/- 1/23 1(-)	EPA (27-E 1 IM	
DibenHbfuran	ND	555	- U 12-	mg/kg drh	1	- 2/- 1/23 1(-)	EPA (27-E 1 IM	
CurroMite56-Chlorobiphenyl (Curr)								
		vecoSery5		81 /	imits5	RR-%61 /	%	162%26R%8518
p-Terphenyl-d%R (Curr)				g6 /		OR-%6g /	%	162%26R%8518
								FPI 86g1F GdE

Tank Pit-W-6' (A4A1441-04)

Matrix: Soil

Batch: 24B0031

Acenaph. t. ene	ND	555	- U 122	mg/kg drh	1	- 2/- 1/23 1(:S3	EPA (27-E 1 IM
Acenaph. t. hyene	ND	555	- U 122	mg/kg drh	1	- 2/- 1/23 1(:S3	EPA (27-E 1 IM
Ant. racene	ND	555	- U 122	mg/kg drh	1	- 2/- 1/23 1(:S3	EPA (27-E 1 IM
CentHbAnt. racene	ND	555	- U 122	mg/kg drh	1	- 2/- 1/23 1(:S3	EPA (27-E 1 IM
CentHbAnt. phrene	ND	555	- U 122	mg/kg drh	1	- 2/- 1/23 1(:S3	EPA (27-E 1 IM
CentHbBkfluorant. ene	ND	555	- U 122	mg/kg drh	1	- 2/- 1/23 1(:S3	EPA (27-E 1 IM
CentHbBkfluorant. ene	ND	555	- U 122	mg/kg drh	1	- 2/- 1/23 1(:S3	EPA (27-E 1 IM
CentHbBkfluorant. ene	ND	555	- U 122	mg/kg drh	1	- 2/- 1/23 1(:S3	EPA (27-E 1 IM
8. rnsene	ND	555	- U 122	mg/kg drh	1	- 2/- 1/23 1(:S3	EPA (27-E 1 IM
DibenHbAnt. racene	ND	555	- U 122	mg/kg drh	1	- 2/- 1/23 1(:S3	EPA (27-E 1 IM
fluorant. ene	ND	555	- U 122	mg/kg drh	1	- 2/- 1/23 1(:S3	EPA (27-E 1 IM
Fluorene	0.0145	555	- U 122	mg/kg drh	1	- 2/- 1/23 1(:S3	EPA (27-E 1 IM
IndenoH,2,5cdkphrene	ND	555	- U 122	mg/kg drh	1	- 2/- 1/23 1(:S3	EPA (27-E 1 IM
1-Methylnaphthalene	0.794	555	- U 122	mg/kg drh	1	- 2/- 1/23 1(:S3	EPA (27-E 1 IM

Apex Laboratories

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270E (SIM)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref	Notes
Tank Pit-W-6' (A4A1441-04)				Matrix: Soil		Batch: 24B0031		
2-Methylnaphthalene	1.70	555	- U122	mg/kg drh	1	-2/-1/23 1(:)S3	EPA (27-E1) IM	
Naphthalene	2.96	555	- U122	mg/kg drh	1	-2/-1/23 1(:)S3	EPA (27-E1) IM	
Phenanthrene	0.0231	555	- U122	mg/kg drh	1	-2/-1/23 1(:)S3	EPA (27-E1) IM	
Phenanthrene	ND	555	- U122	mg/kg drh	1	-2/-1/23 1(:)S3	EPA (27-E1) IM	
Dibenzofuran	ND	555	- U122	mg/kg drh	1	-2/-1/23 1(:)S3	EPA (27-E1) IM	
CurroMite56-Chlorobiphenyl (Gurr)				vecoSery5 g0 /	: imits5 RR-%1 /	%	162%DR %83R	FPI 86g1F GdE
p-Terphenyl-d%R (Gurr)				43 /	0R-%g /	%	162%DR %83R	FPI 86g1F GdE
Tank Pit-10 (A4A1441-05)				Matrix: Soil		Batch: 24B0031		
Acenap. t. ene	ND	555	- U2S6	mg/kg drh	1	-2/-1/23 1(:)6	EPA (27-E1) IM	R5-2
Acenap. t. hyene	ND	555	- U120	mg/kg drh	1	-2/-1/23 1(:)6	EPA (27-E1) IM	
Ant. racene	ND	555	- U120	mg/kg drh	1	-2/-1/23 1(:)6	EPA (27-E1) IM	
CenHakant. racene	ND	555	- U120	mg/kg drh	1	-2/-1/23 1(:)6	EPA (27-E1) IM	
CenHakaphrene	ND	555	- U120	mg/kg drh	1	-2/-1/23 1(:)6	EPA (27-E1) IM	
CenHakfluorant. ene	ND	555	- U120	mg/kg drh	1	-2/-1/23 1(:)6	EPA (27-E1) IM	
CenHakfluorant. ene	ND	555	- U120	mg/kg drh	1	-2/-1/23 1(:)6	EPA (27-E1) IM	
CenHakperhyene	ND	555	- U120	mg/kg drh	1	-2/-1/23 1(:)6	EPA (27-E1) IM	
8. rnsene	ND	555	- U120	mg/kg drh	1	-2/-1/23 1(:)6	EPA (27-E1) IM	
DibenHakant. racene	ND	555	- U120	mg/kg drh	1	-2/-1/23 1(:)6	EPA (27-E1) IM	
Fluoranthene	0.0156	555	- U120	mg/kg drh	1	-2/-1/23 1(:)6	EPA (27-E1) IM	
Fluorene	0.0524	555	- U120	mg/kg drh	1	-2/-1/23 1(:)6	EPA (27-E1) IM	
IndenoH,2,Sedlaphrene	ND	555	- U120	mg/kg drh	1	-2/-1/23 1(:)6	EPA (27-E1) IM	
1-Methylnaphthalene	3.12	555	- U120	mg/kg drh	1	-2/-1/23 1(:)6	EPA (27-E1) IM	
Phenanthrene	0.0606	555	- U120	mg/kg drh	1	-2/-1/23 1(:)6	EPA (27-E1) IM	
Pyrene	0.0194	555	- U120	mg/kg drh	1	-2/-1/23 1(:)6	EPA (27-E1) IM	
DibenHbfuran	ND	555	- U120	mg/kg drh	1	-2/-1/23 1(:)6	EPA (27-E1) IM	
CurroMite56-Chlorobiphenyl (Gurr)				vecoSery5 gB /	: imits5 RR-%1 /	%	162%DR %83R	FPI 86g1F GdE
p-Terphenyl-d%R (Gurr)				g1 /	0R-%g /	%	162%DR %83R	FPI 86g1F GdE
Tank Pit-10 (A4A1441-05RE1)				Matrix: Soil		Batch: 24B0031		
2-Methylnaphthalene	6.03	555	- U2) 2	mg/kg drh	2-	-2/-2/23 -2:-7	EPA (27-E1) IM	
Naphthalene	11.8	555	- U2) 2	mg/kg drh	2-	-2/-2/23 -2:-7	EPA (27-E1) IM	
SG-SW-6' (A4A1441-06)				Matrix: Soil		Batch: 24B0031		
Acenap. t. ene	ND	555	- U126	mg/kg drh	1	-2/-1/23 16:23	EPA (27-E1) IM	
Acenap. t. hyene	ND	555	- U126	mg/kg drh	1	-2/-1/23 16:23	EPA (27-E1) IM	

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6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

ANALYTICAL SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270E (SIM)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref	Notes
SG-SW-6' (A4A1441-06)				Matrix: Soil		Batch: 24B0031		
Ant. racene	ND	555	- U126	mg/kg drh	1	- 2/- 1/23 16:23	EPA (27-E11M	
Ben(a)anthracene	ND	555	- U126	mg/kg drh	1	- 2/- 1/23 16:23	EPA (27-E11M	
Benzo(a)pyrene	0.0133	555	- U126	mg/kg drh	1	- 2/- 1/23 16:23	EPA (27-E11M	
Benzo(b)fluoranthene	0.0156	555	- U126	mg/kg drh	1	- 2/- 1/23 16:23	EPA (27-E11M	M-05
Benzo(k)fluoranthene	ND	555	- U126	mg/kg drh	1	- 2/- 1/23 16:23	EPA (27-E11M	
Benzo(g,h,i)perylene	0.0144	555	- U126	mg/kg drh	1	- 2/- 1/23 16:23	EPA (27-E11M	
Bisphenol A	ND	555	- U126	mg/kg drh	1	- 2/- 1/23 16:23	EPA (27-E11M	
Dibenz(a,h)anthracene	ND	555	- U126	mg/kg drh	1	- 2/- 1/23 16:23	EPA (27-E11M	
Fluoranthene	ND	555	- U126	mg/kg drh	1	- 2/- 1/23 16:23	EPA (27-E11M	
Fluorene	ND	555	- U126	mg/kg drh	1	- 2/- 1/23 16:23	EPA (27-E11M	
Indeno(1,2,3-cd)pyrene	0.0138	555	- U126	mg/kg drh	1	- 2/- 1/23 16:23	EPA (27-E11M	
1-Methyl-naphthalene	ND	555	- U126	mg/kg drh	1	- 2/- 1/23 16:23	EPA (27-E11M	
2-Methyl-naphthalene	ND	555	- U126	mg/kg drh	1	- 2/- 1/23 16:23	EPA (27-E11M	
Naphthalene	0.0144	555	- U126	mg/kg drh	1	- 2/- 1/23 16:23	EPA (27-E11M	
Phenanthrene	ND	555	- U126	mg/kg drh	1	- 2/- 1/23 16:23	EPA (27-E11M	
Pyrene	0.0153	555	- U126	mg/kg drh	1	- 2/- 1/23 16:23	EPA (27-E11M	
Dibenzofuran	ND	555	- U126	mg/kg drh	1	- 2/- 1/23 16:23	EPA (27-E11M	
GurroMite56-Chlorobiphenyl (Gurr)		vecoSery5 8%/		: imits5 RR-%1 /	%	1621%26R %236R	FPI 86g1F GxE	
p-Terphenyl-d%R (Gurr)		gB/		OR-%g /	%	1621%26R %236R	FPI 86g1F GxE	

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**ANALYTICAL REPORT****AMENDED REPORT****Apex Laboratories, LLC**

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 02 24 1358****ANALYTICAL SAMPLE RESULTS****Total Metals by EPA 6020B (ICPMS)**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Met. od RefU	Notes
Tank Pit-E-6' (A4A1441-03)				Matrix: Soil				
BSL 0:ye1gb795								
Lead	49.7	555	- 126(	mg/kg drh	1-	- 1/2)/23 22:S3	EPA 0-2-C	
Tank Pit-W-6' (A4A1441-04)				Matrix: Soil				
BSL 0:ye1gb795								
Lead	12.6	555	- 127)	mg/kg drh	1-	- 1/2)/23 22:S6	EPA 0-2-C	
Tank Pit-10 (A4A1441-05)				Matrix: Soil				
BSL 0:ye1gb795								
Lead	16.3	555	- 18- 0	mg/kg drh	1-	- 1/2)/23 22:33	EPA 0-2-C	
SG-SW-6' (A4A1441-06)				Matrix: Soil				
BSL 0:ye1gb795								
Lead	14.2	555	- 18-)	mg/kg drh	1-	- 1/2)/23 22:36	EPA 0-2-C	

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ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 02 24 1358****ANALYTICAL SAMPLE RESULTS****Percent Dry Weight**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref	Notes
Tank Pit-E-6' (A4A1441-03)				Matrix: Soil		Batch: 24A0769		
% Solids	71.4	555	100	X	1	-1/20/23 - 3:22	EPA (---D)	
Tank Pit-W-6' (A4A1441-04)				Matrix: Soil		Batch: 24A0769		
% Solids	71.2	555	100	X	1	-1/20/23 - 3:22	EPA (---D)	
Tank Pit-10 (A4A1441-05)				Matrix: Soil		Batch: 24A0769		
% Solids	71.8	555	100	X	1	-1/20/23 - 3:22	EPA (---D)	
SG-SW-6' (A4A1441-06)				Matrix: Soil		Batch: 24A0769		
% Solids	65.7	555	100	X	1	-1/20/23 - 3:22	EPA (---D)	

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3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 02 24 1358**

QUALITY CONTROL (QC) SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Anashte	Resuyt	Detection Limit	Reporting Limit	z nits	Diyution	l pike Amount	l ource Resuyt	X RE8	X RE8 Limits	RPD	RPD Limit	Notes
Batch 24A0794 - EPA 3546 (Fuels)						Soil						
Blank (24A0794-BLK1)		Prepared: - 1/2/23 1):17 AnayhtEd: - 1/20/23 - 1:57										
NWTPH-HCID												
Gasoyine Range Organics	ND	555	2- 16	mg/kg Qet	1	555	555	555	555	555	555	
DieseyRange Organics	ND	555	) - 16	mg/kg Qet	1	555	555	555	555	555	555	
OiyRange Organics	ND	555	1- -	mg/kg Qet	1	555	555	555	555	555	555	
Curre5 o-Terphenyl (Curre)		vecoSery5 3%/		: imits5 01-%01 /		L ilution5 %7						
R-9 romofluorobenzene (Curre)		3%/		01-%01 /		Q						
Duplicate (24A0794-DUP1)		Prepared: - 1/2/23 1):17 AnayhtEd: - 1/20/23 - 2:23										
QC Source Sample: Tank Pit-E-6' (A4A1441-03)												
NWTPH-HCID												
Gasoyine Range Organics	DET	555	2716	mg/kg drh	1	555	ND	555	555		30%	
DieseyRange Organics	ND	555	0617	mg/kg drh	1	555	ND	555	555	555	S- X	
OiyRange Organics	ND	555	186	mg/kg drh	1	555	ND	555	555	555	S- X	
Curre5 o-Terphenyl (Curre)		vecoSery5 gB/		: imits5 01-%01 /		L ilution5 %7						
R-9 romofluorobenzene (Curre)		04 /		01-%01 /		Q						

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PBS Engineering and Environmental (Eugene)

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Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Anayhte	Resuyt	Detection Limit	Reporting Limit	z nits	Diyution	l pike Amount	l ource Resuyt	X RE8	X RE8 Limits	RPD	RPD Limit	Notes
Batch 24A0766 - EPA 3546 (Fuels)						Soil						
Blank (24A0766-BLK1)		Prepared: - 1/2)/23 1-:16 AnayhtEd: - 1/2)/23 2-:11										
NWTPH-Dx												
Diesey	ND	555	2- U	mg/kg Qet	1	555	555	555	555	555	555	
Oiy	ND	555	3- U	mg/kg Qet	1	555	555	555	555	555	555	
Curre5 o-Terphenyl (Curre)		recoSery5 83 / : imits5 01-%01 / Dilution5 %										
LCS (24A0766-BS1)		Prepared: - 1/2)/23 1-:16 AnayhtEd: - 1/2)/23 2-:S3										
NWTPH-Dx												
Diesey	11-	555	2- U	mg/kg Qet	1	12)	555	((	S(51S2X	555	555	
Curre5 o-Terphenyl (Curre)		recoSery5 88 / : imits5 01-%01 / Dilution5 %										

No client related batch "D" samples analyzed for this batch. See notes page for more information.

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PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

QUALITY CONTROL (QC) SAMPLE RESULTS

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

Anayhte	Resuyt	Detection Limit	Reporting Limit	z nits	Diyution	I pike Amount	I ource Resuyt	X RE8	X RE8 Limits	RPD	RPD Limit	Notes
Batch 24A0815 - EPA 5035A						Soil						
Blank (24A0815-BLK1)		Prepared: - 1/20/23 1:-:- Anayhted: - 1/20/23 17:-:-										
NWTPH-Gx (MS)												
Gasoyine Range Organics	ND	555	) U-	mg/kg Qet	) -	555	555	555	555	555	555	
Curr5 R-9romofluorobenzene (Cur)		vecoSery5 3%/		: imits5 01-%01 /		L ilution5 %						
%R-L ifluorobenzene (Cur)		%43 /		01-%01 /		Q						
LCS (24A0815-BS2)		Prepared: - 1/20/23 1:-:- Anayhted: - 1/20/23 1):13										
NWTPH-Gx (MS)												
Gasoyine Range Organics	2(U	555	) U-	mg/kg Qet	) -	2) U	555	113	(- 512- X	555	555	
Curr5 R-9romofluorobenzene (Cur)		vecoSery5 36 /		: imits5 01-%01 /		L ilution5 %						
%R-L ifluorobenzene (Cur)		%4 /		01-%01 /		Q						
Duplicate (24A0815-DUP1)		Prepared: - 1/20/23 11:-:- Anayhted: - 1/20/23 1):22										
QC Source Sample: SG-SW-6' (A4A1441-06)												
NWTPH-Gx (MS)												
Gasoyine Range Organics	ND	555	(62	mg/kg drh	) -	555	ND	555	555	555	S- X	
Curr5 R-9romofluorobenzene (Cur)		vecoSery5 3g /		: imits5 01-%01 /		L ilution5 %						
%R-L ifluorobenzene (Cur)		%40 /		01-%01 /		Q						

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PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Pipe Amount	Source Result	X RE8	X RE8 Limits	RPD	RPD Limit	Notes
Batch 24A0815 - EPA 5035A						Soil						
Blank (24A0815-BLK1)						Prepared: - 1/20/23 1:-- Analyzed: - 1/20/23 17:--						
5035A/8260D												
Acetone	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
Acrylonitrile	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
Benzene	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
Bromobenzene	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
Bromochloromethane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
Bromodichloromethane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
Bromoform	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
Bromomethane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
2,5-Hexanedione (MEX)	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
n-Propylbenzene	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
sec-Propylbenzene	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
tert-Propylbenzene	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
8-Carbon disulfide	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
8-Carbon tetrachloride	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
8-Chlorobenzene	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
8-Chloromethane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
8-Chloroform	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
8-Chloromethane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
2,3,8-Trichloro-1,4-dioxane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
3,3,8-Trichloro-1,4-dioxane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
Dibromochloromethane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
1,2-Dibromo-3,3,3-trichloropropane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
1,2-Dibromomethane (EDCK)	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
Dibromomethane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
1,2-Dichlorobenzene	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
1,3-Dichlorobenzene	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
1,3-Dichlorobenzene	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
Dichlorodifluoromethane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
1,1-Dichloroethane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
1,2-Dichloroethane (ED8 K)	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
1,1-Dichloroethene	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
cis-1,2-Dichloroethene	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
trans-1,2-Dichloroethene	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	

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Jason Woodcock, Project Manager



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503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 02 24 1358**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Anayhte	Resuyt	Detection Limit	Reporting Limit	z nits	Diyution	l pike Amount	l ource Resuyt	X RE8	X RE8 Limits	RPD	RPD Limit	Notes
Batch 24A0815 - EPA 5035A						Soil						
Blank (24A0815-BLK1)		Prepared: - 1/20/23 1:-:- Anayhted: - 1/20/23 17:-:-										
1,2SDic. yoropropane	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
1,SSDic. yoropropane	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
2,2SDic. yoropropane	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
1,1SDic. yoropropene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
cis51,SSDic. yoropropene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
trans51,SSDic. yoropropene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
Et. hybenfene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
4 exac. yorobutadiene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
254 exanone	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
Isoprophybenfene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
3Sisoprophytoyuene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
Met. hyene c. yoride	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
35Met. hy2Spentanone BMiCVK	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
Met. hytert5buthyet. er BMTCEK	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
Nap. t. ayene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
nSProphybenfene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
l threne	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
1,1,1,25Tetrac. yoroet. ane	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
1,1,2,25Tetrac. yoroet. ane	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
Tetrac. yoroet. ene B8 EK	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
Toyuene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
1,2,55Tric. yorobenfene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
1,2,35Tric. yorobenfene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
1,1,15Tric. yoroet. ane	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
1,1,25Tric. yoroet. ane	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
Tric. yoroet. ene B8 EK	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
Tric. yorofyuoromet. ane	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
1,2,55Tric. yoropropane	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
1,2,35Trimet. hybenfene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
1,S,) 5Trimet. hybenfene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
9 inhyc. yoride	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
m,p5F hyene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
o5F hyene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
Curren 5 %Re-L ifluorobenzene (Curren) vecoSev5 38 / : imits5 81-%61 / L ilution5 %7												

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ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Anayhte	Resuyt	Detection Limit	Reporting Limit	z nits	Diyution	l pike Amount	l ource Resuyt	X RE8	X RE8 Limits	RPD	RPD Limit	Notes
Batch 24A0815 - EPA 5035A						Soil						
Blank (24A0815-BLK1)		Prepared: - 1/20/23 1:-:- Anayhtd: - 1/20/23 17:-)										
Gurr5 Toluene-d8 (Gurr)		vecoSery5 %44 /		: imits5 81-%61 /		L ilution5 %7						
R-9 romofluorobenzene (Gurr)		34 /		g3-%61 /		Q						
LCS (24A0815-BS1)		Prepared: - 1/20/23 1:-:- Anayhtd: - 1/20/23 1):3-										
5035A/8260D												
Acetone	2U(	555	1U-	mg/kg Qet)-	2U-	555	1-3	(- 512-X	555	555		
Acrhyonitriye	1U7	555	- U--	mg/kg Qet)-	1U-	555	1-7	(- 512-X	555	555		
CenHene	1US	555	- U1--	mg/kg Qet)-	1U-	555	1-S	(- 512-X	555	555		
CromobenHene	- U6S2	555	- U2)-	mg/kg Qet)-	1U-	555	6S	(- 512-X	555	555		
Cromoc. yoromet. ane	1U(	555	- U)-	mg/kg Qet)-	1U-	555	11(	(- 512-X	555	555		
Cromodic. yoromet. ane	1U7	555	- U)-	mg/kg Qet)-	1U-	555	1-7	(- 512-X	555	555		
Cromoform	- U663	555	- U--	mg/kg Qet)-	1U-	555	66	(- 512-X	555	555		
Cromomet. ane	1U2)	555	- U)-	mg/kg Qet)-	1U-	555	125	80 - 120%	555	555	v 5)0	
25Cutanone BMEVK	2U-	555	- U)-	mg/kg Qet)-	2U-	555	1-)	(- 512-X	555	555		
n5CuthybenHene	1U1	555	- U)-	mg/kg Qet)-	1U-	555	111	(- 512-X	555	555		
sec5CuthybenHene	1U6	555	- U)-	mg/kg Qet)-	1U-	555	1-6	(- 512-X	555	555		
tert5CuthybenHene	1U3	555	- U)-	mg/kg Qet)-	1U-	555	1-3	(- 512-X	555	555		
8 arbon disuyfide	1U7	555	- U)-	mg/kg Qet)-	1U-	555	117	(- 512-X	555	555		
8 arbon tetrac. yoride	1US	555	- U)-	mg/kg Qet)-	1U-	555	1-S	(- 512-X	555	555		
8. yorobenHene	- U67)	555	- U2)-	mg/kg Qet)-	1U-	555	6(	(- 512-X	555	555		
8. yoroet. ane	1US	555	- U)-	mg/kg Qet)-	1U-	555	11S	(- 512-X	555	555		
8. yoroform	1U0	555	- U)-	mg/kg Qet)-	1U-	555	1-0	(- 512-X	555	555		
8. yoromet. ane	1U-	555	- U2)-	mg/kg Qet)-	1U-	555	11-	(- 512-X	555	555		
258. yorotoyuene	- U662	555	- U)-	mg/kg Qet)-	1U-	555	66	(- 512-X	555	555		
358. yorotoyuene	1U6	555	- U)-	mg/kg Qet)-	1U-	555	1-6	(- 512-X	555	555		
Dibromoc. yoromet. ane	- U6((	555	- U--	mg/kg Qet)-	1U-	555	66	(- 512-X	555	555		
1,25Dibromo55c. yoropropane	- U63(	555	- U2)-	mg/kg Qet)-	1U-	555	6)	(- 512-X	555	555		
1,25Dibromoet. ane BEDCK	- U607	555	- U)-	mg/kg Qet)-	1U-	555	67	(- 512-X	555	555		
Dibromomet. ane	- U660	555	- U)-	mg/kg Qet)-	1U-	555	1--	(- 512-X	555	555		
1,25Dic. yorobenHene	1U2	555	- U2)-	mg/kg Qet)-	1U-	555	1-2	(- 512-X	555	555		
1,55Dic. yorobenHene	1US	555	- U2)-	mg/kg Qet)-	1U-	555	1-S	(- 512-X	555	555		
1,35Dic. yorobenHene	- U66(	555	- U2)-	mg/kg Qet)-	1U-	555	1--	(- 512-X	555	555		
Dic. yorodifyuoromet. ane	1U2	555	- U--	mg/kg Qet)-	1U-	555	1-2	(- 512-X	555	555		
1,15Dic. yoroet. ane	1U-	555	- U2)-	mg/kg Qet)-	1U-	555	11-	(- 512-X	555	555		

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Jason Woodcock, Project Manager

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Project Manager: Bret Waldron

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QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Pipe Amount	Source Result	X RE8	X RE8 Limits	RPD	RPD Limit	Notes
Batch 24A0815 - EPA 5035A						Soil						
LCS (24A0815-BS1)						Prepared: - 1/20/23 1:-- Analyzed: - 1/20/23 1:3-						
1,2,5Dic. yoroet. ane BED8 K	1U1	555	- (2) -	mg/kg Qet	-	1U-	555	111	(- 512-X	555	555	
1,1,5Dic. yoroet. ene	1U2	555	- (2) -	mg/kg Qet	-	1U-	555	125	80 - 120%	555	555	v 5) 0
cis51,2,5Dic. yoroet. ene	1U0	555	- (2) -	mg/kg Qet	-	1U-	555	1-0	(- 512-X	555	555	
trans51,2,5Dic. yoroet. ene	1U6	555	- (2) -	mg/kg Qet	-	1U-	555	1-6	(- 512-X	555	555	
1,2,5Dic. yoropropane	1U(-	555	- (2) -	mg/kg Qet	-	1U-	555	1-(-	(- 512-X	555	555	
1,5,5Dic. yoropropane	1U3	555	- (2) -	mg/kg Qet	-	1U-	555	1-3	(- 512-X	555	555	
2,2,5Dic. yoropropane	1U(-	555	- (2) -	mg/kg Qet	-	1U-	555	11(-	(- 512-X	555	555	
1,1,5Dic. yoropropene	- (6) 3	555	- (2) -	mg/kg Qet	-	1U-	555	66	(- 512-X	555	555	
cis51,5,5Dic. yoropropene	1U2	555	- (2) -	mg/kg Qet	-	1U-	555	1-2	(- 512-X	555	555	
trans51,5,5Dic. yoropropene	1U)	555	- (2) -	mg/kg Qet	-	1U-	555	11)	(- 512-X	555	555	
Et. hybenfene	- (6) 7	555	- (2) -	mg/kg Qet	-	1U-	555	6(-	(- 512-X	555	555	
4 exac. yorobutadiene	- (6) 1-	555	- (2) -	mg/kg Qet	-	1U-	555	61	(- 512-X	555	555	
2,54 exanone	1U(-	555	- (2) -	mg/kg Qet	-	2U-	555	(6	(- 512-X	555	555	
Isopropylbenfene	- (6) (-	555	- (2) -	mg/kg Qet	-	1U-	555	60	(- 512-X	555	555	
3,5Isopropyltoluene	1U3	555	- (2) -	mg/kg Qet	-	1U-	555	1-3	(- 512-X	555	555	
Met. hyene c. yoride	1U2	555	- (2) -	mg/kg Qet	-	1U-	555	1-2	(- 512-X	555	555	
3,5Met. hy2,5pentanone BMTCK	2U-	555	- (2) -	mg/kg Qet	-	2U-	555	1-)	(- 512-X	555	555	
Met. hytertbutyl et. er BMTCEK	- (6) 3	555	- (2) -	mg/kg Qet	-	1U-	555	6(-	(- 512-X	555	555	
Nap. t. ayene	- (7) 3	555	- (2) -	mg/kg Qet	-	1U-	555	74	80 - 120%	555	555	v 5))
n,5Propylbenfene	1U1	555	- (2) -	mg/kg Qet	-	1U-	555	111	(- 512-X	555	555	
l threne	- (7) S2	555	- (2) -	mg/kg Qet	-	1U-	555	(S	(- 512-X	555	555	
1,1,1,2,5Tetrac. yoroet. ane	1U1	555	- (2) -	mg/kg Qet	-	1U-	555	1-1	(- 512-X	555	555	
1,1,1,2,5Tetrac. yoroet. ane	1U3	555	- (2) -	mg/kg Qet	-	1U-	555	113	(- 512-X	555	555	
Tetrac. yoroet. ene B8 EK	- (6) 22	555	- (2) -	mg/kg Qet	-	1U-	555	62	(- 512-X	555	555	
Toluene	- (6) 6-	555	- (2) -	mg/kg Qet	-	1U-	555	66	(- 512-X	555	555	
1,2,5,5Tric. yorobenfene	- (6) 1-	555	- (2) -	mg/kg Qet	-	1U-	555	61	(- 512-X	555	555	
1,2,3,5Tric. yorobenfene	- (6) 6S	555	- (2) -	mg/kg Qet	-	1U-	555	(6	(- 512-X	555	555	
1,1,1,5Tric. yoroet. ane	1U)	555	- (2) -	mg/kg Qet	-	1U-	555	1-)	(- 512-X	555	555	
1,1,2,5Tric. yoroet. ane	1U)	555	- (2) -	mg/kg Qet	-	1U-	555	1-)	(- 512-X	555	555	
Tric. yoroet. ene B8 EK	- (6) 17	555	- (2) -	mg/kg Qet	-	1U-	555	62	(- 512-X	555	555	
Tric. yorofluoromet. ane	1U-	555	- (2) -	mg/kg Qet	-	1U-	555	1--	(- 512-X	555	555	
1,2,5,5Tric. yoropropane	1U8	555	- (2) -	mg/kg Qet	-	1U-	555	1-S	(- 512-X	555	555	
1,2,3,5Trimet. hybenfene	1U8	555	- (2) -	mg/kg Qet	-	1U-	555	118	(- 512-X	555	555	
1,5,5,5Trimet. hybenfene	1U2	555	- (2) -	mg/kg Qet	-	1U-	555	112	(- 512-X	555	555	

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Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Pipe Amount	Source Result	X RE8	X RE8 Limits	RPD	RPD Limit	Notes
Batch 24A0815 - EPA 5035A						Soil						
LCS (24A0815-BS1)		Prepared: - 1/20/23 1:15 - Analyzed: - 1/20/23 1:30										
9 in hyc. yoride	1U-	555	- U2)-	mg/kg Qet	-	1U-	555	12-	(- 5 12-X	555	555	
m,p5F hyene	2U(	555	- U)-	mg/kg Qet	-	2U-	555	1-3	(- 5 12-X	555	555	
o5F hyene	- U) 2	555	- U2)-	mg/kg Qet	-	1U-	555	6)	(- 5 12-X	555	555	
Curre 5 %R-L ifluorobenzene (Curre)		recovery 38 / ; limits 81-%1 / ; dilution 5 %										
Toluene-d8 (Curre)		940 / ; 81-%1 / ; Q										
R-9 romofluorobenzene (Curre)		36 / ; g3-%1 / ; Q										
Duplicate (24A0815-DUP1)						Prepared: - 1/2/23 11:5 - Analyzed: - 1/20/23 1:22						
QC Source Sample: SG-SW-6' (A4A1441-06)												
5035A/8260D												
Acetone	ND	555	1U(	mg/kg drh	-	555	ND	555	555	555	S-X	
Achyonitrye	ND	555	- U7(	mg/kg drh	-	555	ND	555	555	555	S-X	
Centene	ND	555	- U17(	mg/kg drh	-	555	ND	555	555	555	S-X	
Cromobentene	ND	555	- U330	mg/kg drh	-	555	ND	555	555	555	S-X	
Cromoc. yoromet. ane	ND	555	- U(62	mg/kg drh	-	555	ND	555	555	555	S-X	
Cromodic. yoromet. ane	ND	555	- U(62	mg/kg drh	-	555	ND	555	555	555	S-X	
Cromoform	ND	555	- U7(	mg/kg drh	-	555	ND	555	555	555	S-X	
Cromomet. ane	ND	555	- U62	mg/kg drh	-	555	ND	555	555	555	S-X	
25Cutanone BMEVK	ND	555	- U62	mg/kg drh	-	555	ND	555	555	555	S-X	
n5Cuthybenfene	ND	555	- U(62	mg/kg drh	-	555	ND	555	555	555	S-X	
sec5Cuthybenfene	ND	555	- U(62	mg/kg drh	-	555	ND	555	555	555	S-X	
tert5Cuthybenfene	ND	555	- U(62	mg/kg drh	-	555	ND	555	555	555	S-X	
8 arbon disulfide	ND	555	- U62	mg/kg drh	-	555	ND	555	555	555	S-X	
8 arbon tetrac. yoride	ND	555	- U(62	mg/kg drh	-	555	ND	555	555	555	S-X	
8. yorobenfene	ND	555	- U330	mg/kg drh	-	555	ND	555	555	555	S-X	
8. yoroet. ane	ND	555	- U62	mg/kg drh	-	555	ND	555	555	555	S-X	
8. yoroform	ND	555	- U(62	mg/kg drh	-	555	ND	555	555	555	S-X	
8. yoromet. ane	ND	555	- U330	mg/kg drh	-	555	ND	555	555	555	S-X	
258. yorotoyuene	ND	555	- U(62	mg/kg drh	-	555	ND	555	555	555	S-X	
358. yorotoyuene	ND	555	- U(62	mg/kg drh	-	555	ND	555	555	555	S-X	
Dibromoc. yoromet. ane	ND	555	- U7(	mg/kg drh	-	555	ND	555	555	555	S-X	
1,25Dibromo55c. yoropropane	ND	555	- U330	mg/kg drh	-	555	ND	555	555	555	S-X	
1,25Dibromoet. ane BEDCK	ND	555	- U(62	mg/kg drh	-	555	ND	555	555	555	S-X	
Dibromomet. ane	ND	555	- U(62	mg/kg drh	-	555	ND	555	555	555	S-X	

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Eugene, OR 97408

Project: **Benton County Crisis Center**

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Sample Amount	Source Result	X RE8	X RE8 Limits	RPD	RPD Limit	Notes
Batch 24A0815 - EPA 5035A												
Soil												
Duplicate (24A0815-DUP1) Prepared: - 1/20/23 11:58 AM Analyzed: - 1/20/23 1:22 PM												
QC Source Sample: SG-SW-6' (A4A1441-06)												
1,2-Dichlorobenzene	ND	555	1330	mg/kg drh	-	555	ND	555	555	555	S-X	
1,3-Dichlorobenzene	ND	555	1330	mg/kg drh	-	555	ND	555	555	555	S-X	
1,4-Dichlorobenzene	ND	555	1330	mg/kg drh	-	555	ND	555	555	555	S-X	
Dichlorodifluoromethane	ND	555	170	mg/kg drh	-	555	ND	555	555	555	S-X	
1,1-Dichloroethane	ND	555	1330	mg/kg drh	-	555	ND	555	555	555	S-X	
1,2-Dichloroethane BED8 K	ND	555	1330	mg/kg drh	-	555	ND	555	555	555	S-X	
1,1-Dichloroethene	ND	555	1330	mg/kg drh	-	555	ND	555	555	555	S-X	
cis-1,2-Dichloroethene	ND	555	1330	mg/kg drh	-	555	ND	555	555	555	S-X	
trans-1,2-Dichloroethene	ND	555	1330	mg/kg drh	-	555	ND	555	555	555	S-X	
1,2-Dichloropropane	ND	555	1330	mg/kg drh	-	555	ND	555	555	555	S-X	
1,3-Dichloropropane	ND	555	162	mg/kg drh	-	555	ND	555	555	555	S-X	
2,2-Dichloropropane	ND	555	162	mg/kg drh	-	555	ND	555	555	555	S-X	
1,1-Dichloropropene	ND	555	162	mg/kg drh	-	555	ND	555	555	555	S-X	
cis-1,3-Dichloropropene	ND	555	162	mg/kg drh	-	555	ND	555	555	555	S-X	
trans-1,3-Dichloropropene	ND	555	162	mg/kg drh	-	555	ND	555	555	555	S-X	
Ethylbenzene	ND	555	1330	mg/kg drh	-	555	ND	555	555	555	S-X	
4-ethylcyclohexadiene	ND	555	170	mg/kg drh	-	555	ND	555	555	555	S-X	
2-methylcyclohexanone	ND	555	162	mg/kg drh	-	555	ND	555	555	555	S-X	
Isopropylbenzene	ND	555	162	mg/kg drh	-	555	ND	555	555	555	S-X	
3-methylcyclohexene	ND	555	162	mg/kg drh	-	555	ND	555	555	555	S-X	
Methylcyclohexene	ND	555	162	mg/kg drh	-	555	ND	555	555	555	S-X	
3-methyl-2-pentanone BMTCEK	ND	555	162	mg/kg drh	-	555	ND	555	555	555	S-X	
Methylcyclohexene BMTCEK	ND	555	162	mg/kg drh	-	555	ND	555	555	555	S-X	
Napthalene	ND	555	170	mg/kg drh	-	555	ND	555	555	555	S-X	
n-Propylbenzene	ND	555	1330	mg/kg drh	-	555	ND	555	555	555	S-X	
1-threne	ND	555	162	mg/kg drh	-	555	ND	555	555	555	S-X	
1,1,1,2-Tetrachloroethane	ND	555	1330	mg/kg drh	-	555	ND	555	555	555	S-X	
1,1,2,2-Tetrachloroethane	ND	555	162	mg/kg drh	-	555	ND	555	555	555	S-X	
Tetrachloroethene B8 EK	ND	555	1330	mg/kg drh	-	555	ND	555	555	555	S-X	
Toluene	ND	555	162	mg/kg drh	-	555	ND	555	555	555	S-X	
1,2,3-Trichlorobenzene	ND	555	1330	mg/kg drh	-	555	ND	555	555	555	S-X	
1,2,3-Trichlorobenzene	ND	555	1330	mg/kg drh	-	555	ND	555	555	555	S-X	
1,1,1-Trichloroethane	ND	555	1330	mg/kg drh	-	555	ND	555	555	555	S-X	

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Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 02 24 1358**

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Pike Amount	Source Result	X RE8	X RE8 Limits	RPD	RPD Limit	Notes
Batch 24A0815 - EPA 5035A												
Soil												
Duplicate (24A0815-DUP1) Prepared: - 1/2/23 11:58 - Analyzed: - 1/20/23 11:22												
QC Source Sample: SG-SW-6' (A4A1441-06)												
1,1,2,2-Tetrachloroethane	ND	555	1000	mg/kg drh	-	555	ND	555	555	555	S-X	
Trichloroethene (TCE)	ND	555	1000	mg/kg drh	-	555	ND	555	555	555	S-X	
Trichlorofluoromethane	ND	555	1000	mg/kg drh	-	555	ND	555	555	555	S-X	
1,2-Dichloroethane	ND	555	1000	mg/kg drh	-	555	ND	555	555	555	S-X	
1,2-Dichloroethene	ND	555	1000	mg/kg drh	-	555	ND	555	555	555	S-X	
1,1,1-Trichloroethene	ND	555	1000	mg/kg drh	-	555	ND	555	555	555	S-X	
90% n-Pentane	ND	555	1000	mg/kg drh	-	555	ND	555	555	555	S-X	
m,p-Xylene	ND	555	1000	mg/kg drh	-	555	ND	555	555	555	S-X	
o-Xylene	ND	555	1000	mg/kg drh	-	555	ND	555	555	555	S-X	
Curren %Recovery: 38% / Limits: 81-96% / Dilution: 5%												
Toluene-d8 (Curren) %RR: 81-96% / Q												
Recovery of fluorobenzene (Curren) 30% / g3-96% / Q												

Matrix Spike (24A0815-MS1) Prepared: - 1/2/23 11:30 - Analyzed: - 1/20/23 11:20

QC Source Sample: Tank Pit-10 (A4A1441-05)												
5035A/8260D												
Acetone	1-0	555	1000	mg/kg drh	2---	1-6	ND	67	50 5103X	555	555	
Acrylonitrile	() U	555	1000	mg/kg drh	2---	() U	ND	1-1	0) 5153X	555	555	
Benzene	0007	555	1000	mg/kg drh	2---	() U	0030	111	77 5121X	555	555	
Bromobenzene	() S6	555	1000	mg/kg drh	2---	() U	ND	66	7(5121X	555	555	
Bromochloromethane	000U	555	1000	mg/kg drh	2---	() U	ND	110	7(512) X	555	555	
Bromodichloromethane	() 6U	555	1000	mg/kg drh	2---	() U	ND	1-3	7) 5127X	555	555	
Bromoform	() 3U	555	1000	mg/kg drh	2---	() U	ND	66	07 5152X	555	555	
Bromomethane	7100	555	1000	mg/kg drh	2---	() U	ND	151	() S 513SX	555	555	v 5) 3a
2,5-Dimethyl-2,5-hexanedione	() 3	555	1000	mg/kg drh	2---	1-6	ND	11-	() 1 513(X	555	555	
n-Butylbenzene	1-3	555	1000	mg/kg drh	2---	() U	210	151	70 - 128%	555	555	v 5- 1
sec-Butylbenzene	0(6	555	1000	mg/kg drh	2---	() U	S62	116	7S 5120X	555	555	
tert-Butylbenzene	030	555	1000	mg/kg drh	2---	() U	ND	11(	7S 512) X	555	555	
Carbon disulfide	036	555	1000	mg/kg drh	2---	() U	ND	117	0S 5152X	555	555	
Carbon tetrachloride	0- 5	555	1000	mg/kg drh	2---	() U	ND	111	7- 515) X	555	555	
o-Chlorobenzene	() 0U	555	1000	mg/kg drh	2---	() U	ND	1-S	76 512- X	555	555	
o-Chloroethane	013	555	1000	mg/kg drh	2---	() U	ND	11S	() 6 5156X	555	555	

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Jason Woodcock, Project Manager

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ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Sample Amount	Source Result	X RE8	X RE8 Limits	RPD	RPD Limit	Notes
Batch 24A0815 - EPA 5035A						Soil						
Matrix Spike (24A0815-MS1)		Prepared: - 1/2)/23 1-:3) Analyzed: - 1/20/23 2-:-)										
QC Source Sample: Tank Pit-10 (A4A1441-05)												
8. yoroform	0110	555	217S	mg/kg drh	2---	) 3U	ND	11-	7(512SX	555	555	
8. yoromet. ane	0SU	555	1SU	mg/kg drh	2---	) 3U	ND	110	) - 51S0X	555	555	
258. yorotoyuene	0217	555	217S	mg/kg drh	2---	) 3U	ND	11)	7) 5122X	555	555	
358. yorotoyuene	0SU	555	217S	mg/kg drh	2---	) 3U	ND	110	72 5123X	555	555	
Dibromoc. yoromet. ane	) SU	555	) U	mg/kg drh	2---	) 3U	ND	67	73 5120X	555	555	
1,25Dibromo55c. yoropropane	0- U	555	1SU	mg/kg drh	2---	) 3U	ND	111	01 51S2X	555	555	
1,25Dibromoe. ane BEDCK	)) S	555	217S	mg/kg drh	2---	) 3U	ND	1- 1	7(5122X	555	555	
Dibromomet. ane	) 0U	555	217S	mg/kg drh	2---	) 3U	ND	1- S	7(512) X	555	555	
1,25Dic. yorobenfene	) (U	555	1SU	mg/kg drh	2---	) 3U	ND	1- (	7(5121X	555	555	
1,55Dic. yorobenfene	) (S	555	1SU	mg/kg drh	2---	) 3U	ND	1- 7	77 5121X	555	555	
1,35Dic. yorobenfene	) 0U	555	1SU	mg/kg drh	2---	) 3U	ND	1- 3	7) 512- X	555	555	
Dic. yorodifluoromet. ane	0- U	555	) U	mg/kg drh	2---	) 3U	ND	111	26 5136X	555	555	
1,15Dic. yoroet. ane	01U	555	1SU	mg/kg drh	2---	) 3U	ND	112	70 512) X	555	555	
1,25Dic. yoroet. ane BED8 K	0- U	555	1SU	mg/kg drh	2---	) 3U	ND	11-	7S 512(X	555	555	
1,15Dic. yoroet. ene	06U	555	1SU	mg/kg drh	2---	) 3U	ND	12(	7- 51S1X	555	555	v 5) 3a
cis51,25Dic. yoroet. ene	01U	555	1SU	mg/kg drh	2---	) 3U	ND	11S	77 512SX	555	555	
trans51,25Dic. yoroet. ene	0- U	555	1SU	mg/kg drh	2---	) 3U	ND	11-	73 512) X	555	555	
1,25Dic. yoropropane	0217	555	1SU	mg/kg drh	2---	) 3U	ND	11)	70 512SX	555	555	
1,55Dic. yoropropane	) (U	555	217S	mg/kg drh	2---	) 3U	ND	1- 7	77 5121X	555	555	
2,25Dic. yoropropane	01U	555	217S	mg/kg drh	2---	) 3U	ND	112	07 51SSX	555	555	
1,15Dic. yoropropene	01S	555	217S	mg/kg drh	2---	) 3U	ND	112	70 512) X	555	555	
cis51,55Dic. yoropropene	0- U	555	217S	mg/kg drh	2---	) 3U	ND	11-	73 5120X	555	555	
trans51,55Dic. yoropropene	01S	555	217S	mg/kg drh	2---	) 3U	ND	112	71 51S- X	555	555	
Et. hybenfene	176	555	1SU	mg/kg drh	2---	) 3U	11)	116	70 5122X	555	555	
4 exac. yorobutadiene	) 3U	555	) U	mg/kg drh	2---	) 3U	ND	1--	01 51S) X	555	555	
254 exanone	112	555	27S	mg/kg drh	2---	1-6	ND	1- S	) S 513) X	555	555	
Isoprophylbenfene	0(U	555	217S	mg/kg drh	2---	) 3U	7U1	11S	0(51S3X	555	555	
35Isoprophityuene	71U	555	217S	mg/kg drh	2---	) 3U	2U2	127	7S 5127X	555	555	
Met. hyene c. yoride	) SU	555	27S	mg/kg drh	2---	) 3U	ND	66	7- 512(X	555	555	
35Met. hy25pentanone BMicVK	1S1	555	27S	mg/kg drh	2---	1-6	ND	121	0) 51S) X	555	555	
Met. hytertbutyhet. er BMTCEK	) SU	555	217S	mg/kg drh	2---	) 3U	ND	66	7S 512) X	555	555	
Nap. t. ayene	77U	555	) U	mg/kg drh	2---	) 3U	21U	1- S	02 5126X	555	555	v 5) 3b
n5Prophybenfene	1- 0	555	1SU	mg/kg drh	2---	) 3U	S0U	128	73 - 125%	555	555	v 5- 1

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Jason Woodcock, Project Manager

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ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Anayhte	Resuyt	Detection Limit	Reporting Limit	z nits	Diyution	l pike Amount	l ource Resuyt	X RE8	X RE8 Limits	RPD	RPD Limit	Notes
Batch 24A0815 - EPA 5035A						Soil						
Matrix Spike (24A0815-MS1)		Prepared: - 1/2)/23 1-:3) AnayhtEd: - 1/20/23 2-:-)										
QC Source Sample: Tank Pit-10 (A4A1441-05)												
l threne	) - 16	555	207S	mg/kg drh	2- - -	) 300	ND	6S	70.5 123X	555	555	
1,1,1,2,2Tetrac. yoroet. ane	) 303	555	1080	mg/kg drh	2- - -	) 300	ND	1- -	7(5 12) X	555	555	
1,1,2,2,2Tetrac. yoroet. ane	000U	555	207S	mg/kg drh	2- - -	) 300	ND	121	7- 5 123X	555	555	
Tetrac. yoroet. ene BP8 EK	) 508	555	1080	mg/kg drh	2- - -	) 300	ND	6(	7S 5 12(X	555	555	
Touene	7) 07	555	207S	mg/kg drh	2- - -	) 300	1007	1-(	77.5 121X	555	555	
1,2,3,5Tric. yorobenHene	) 500	555	1080	mg/kg drh	2- - -	) 300	ND	6(	00.5 15- X	555	555	
1,2,3,5Tric. yorobenHene	)(02	555	1080	mg/kg drh	2- - -	) 300	ND	1- 7	07.5 126X	555	555	
1,1,1,5Tric. yoroet. ane	010U	555	1080	mg/kg drh	2- - -	) 300	ND	112	7S 5 15- X	555	555	
1,1,2,5Tric. yoroet. ane	0102	555	1080	mg/kg drh	2- - -	) 300	ND	112	7(5 121X	555	555	
Tric. yoroet. ene BP8 EK	) 707	555	1080	mg/kg drh	2- - -	) 300	ND	1- 3	77.5 12SX	555	555	
Tric. yorofuoromet. ane	) 002	555	) 03)	mg/kg drh	2- - -	) 300	ND	1- S	02.5 13- X	555	555	
1,2,3,5Tric. yoropropane	)(02	555	207S	mg/kg drh	2- - -	) 300	ND	1- 7	7S 5 12) X	555	555	
1,2,3,5Trimet. hybenHene	26S	555	207S	mg/kg drh	2- - -	) 300	21(	138	75 - 123%	555	555	v 5- S
1,S,) 5Trimet. hybenHene	133	555	207S	mg/kg drh	2- - -	) 300	7106	133	73 - 124%	555	555	v 5- S
9 inhyc. yoride	7206	555	1080	mg/kg drh	2- - -	) 300	ND	1S3	) 0.5 15) X	555	555	
m,p,F hyene	) 003	555	207S	mg/kg drh	2- - -	1- 6	32S	129	77 - 124%	555	555	v 5- S
o,F hyene	(207	555	1080	mg/kg drh	2- - -	) 300	1006	117	77.5 12SX	555	555	
Cury5 %R-L ifluorobenzene (Cury)		vecoSery5 3g/ : imits5 81-%1 / Lilution5 %7										
Toluene-d8 (Cury)		44 / 81-%1 / Q										
R-9romofluorobenzene (Cury)		3R/ g3-%1 / Q										

Apex Laboratories

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Jason Woodcock, Project Manager

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ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Pipe Amount	Source Result	X RE8	X RE8 Limits	RPD	RPD Limit	Notes
Batch 24A0861 - EPA 5035A						Soil						
Blank (24A0861-BLK1)		Prepared: - 1/26/23 - 7:25 Analyzed: - 1/26/23 11:-5										
5035A/8260D												
Acetone	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
Acrylonitrile	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
Benzene	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
Bromobenzene	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
Bromochloromethane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
Bromodichloromethane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
Bromoform	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
Bromomethane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
2,5-Hexanedione (MEX)	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
n-Propylbenzene	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
sec-Propylbenzene	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
tert-Propylbenzene	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
8-Carbon disulfide	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
8-Carbon tetrachloride	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
8-Chlorobenzene	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
8-Chloromethane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
8-Chloroform	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
8-Chloromethane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
2,3,8-Trichloro-1,4-dioxane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
3,3,8-Trichloro-1,4-dioxane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
Dibromochloromethane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
1,2-Dibromo-3,3,3-trichloropropane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
1,2-Dibromomethane (BEDCK)	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
Dibromomethane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
1,2-Dichlorobenzene	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
1,3-Dichlorobenzene	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
1,3-Dichlorobenzene	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
Dichlorodifluoromethane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
1,1-Dichloroethane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
1,2-Dichloroethane (BED8K)	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
1,1-Dichloroethane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
cis-1,2-Dichloroethane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	
trans-1,2-Dichloroethane	ND	555	100	mg/kg Qet	-	555	555	555	555	555	555	

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Sample Amount	Source Result	X RE8	X RE8 Limits	RPD	RPD Limit	Notes
Batch 24A0861 - EPA 5035A												
Soil												
Blank (24A0861-BLK1) Prepared: - 1/26/23 - 7:25 Analyzed: - 1/26/23 11:-5												
1,2-Dichloropropane	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
1,3-Dichloropropane	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
2,2-Dichloropropane	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
1,1-Dichloropropene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
cis-1,3-Dichloropropene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
trans-1,3-Dichloropropene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
Ethylbenzene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
4-ethylcyclohexadiene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
2-Methylcyclohexanone	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
Isopropylbenzene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
3-Methylcyclohexene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
Methylcyclopentadiene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
3-Methyl-2-pentanone (MIBK)	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
Methylcyclohexylmethylether (MCHME)	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
Napthalene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
n-Propylbenzene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
1-threne	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
1,1,1,2-Tetrachloroethane	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
1,1,2,2-Tetrachloroethane	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
Tetrachloroethene (PCE)	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
Toluene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
1,2-Dichlorobenzene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
1,2,3-Trichlorobenzene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
1,1,1-Trichloroethane	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
1,1,2-Trichloroethane	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
Trichloroethene (TCE)	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
Trichlorofluoromethane	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
1,2-Dichloropropane	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
1,2,3-Trimethylbenzene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
1,3,5-Trimethylbenzene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
9-methylcyclohexene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
m,p-Dichlorobenzene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
o-Dichlorobenzene	ND	555	- (U) -	mg/kg Qet	-	555	555	555	555	555	555	
Curren %Re-1,1-fluorobenzene (Curren) vecoCery5 38 / : imits5 81-%61 / Lilitution5 %7												

Apex Laboratories

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Jason Woodcock, Project Manager

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ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Pipe Amount	Source Result	X RE8	X RE8 Limits	RPD	RPD Limit	Notes
Batch 24A0861 - EPA 5035A Soil												
Blank (24A0861-BLK1) Prepared: - 1/26/23 - 7:2S Analyzed: - 1/26/23 11:-S												
Cur5 Toluene-d8 (Cur)				vecoSery5 %d4 /								
				imits5 81-%1 /								
R-9 romofluorobenzene (Cur)				34 /								
				g3-%1 /								
LCS (24A0861-BS1) Prepared: - 1/26/23 - 7:2S Analyzed: - 1/26/23 1:-7												
5035A/8260D												
Acetone	2U0	555	1U-	mg/kg Qet)-	2U-	555	1-S	(- 512-X	555	555		
Acrhyonitrye	1U7	555	- U--	mg/kg Qet)-	1U-	555	1-7	(- 512-X	555	555		
CenHene	1U3	555	- U1--	mg/kg Qet)-	1U-	555	1-3	(- 512-X	555	555		
CromobenHene	- U(-	555	- U2)-	mg/kg Qet)-	1U-	555	6(-	(- 512-X	555	555		
Cromoc. yoromet. ane	1US	555	- U)-	mg/kg Qet)-	1U-	555	11S	(- 512-X	555	555		
Cromodic. yoromet. ane	1U(-	555	- U)-	mg/kg Qet)-	1U-	555	1-(-	(- 512-X	555	555		
Cromoform	1U3	555	- U--	mg/kg Qet)-	1U-	555	1-3	(- 512-X	555	555		
Cromomet. ane	1U2)	555	- U)-	mg/kg Qet)-	1U-	555	125	80 - 120%	555	555	v 5)0	
25Cutanone BMEVK	2US	555	- U)-	mg/kg Qet)-	2U-	555	1-0	(- 512-X	555	555		
n5CuthybenHene	1U6	555	- U)-	mg/kg Qet)-	1U-	555	1-6	(- 512-X	555	555		
sec5CuthybenHene	1U(-	555	- U)-	mg/kg Qet)-	1U-	555	1-(-	(- 512-X	555	555		
tert5CuthybenHene	1U0	555	- U)-	mg/kg Qet)-	1U-	555	1-0	(- 512-X	555	555		
8 arbon disuyfide	1U0	555	- U)-	mg/kg Qet)-	1U-	555	110	(- 512-X	555	555		
8 arbon tetrac. yoride	1U3	555	- U)-	mg/kg Qet)-	1U-	555	1-3	(- 512-X	555	555		
8. yorobenHene	1U1	555	- U2)-	mg/kg Qet)-	1U-	555	1-1	(- 512-X	555	555		
8. yoroet. ane	1U-	555	- U)-	mg/kg Qet)-	1U-	555	11-	(- 512-X	555	555		
8. yoroform	1U7	555	- U)-	mg/kg Qet)-	1U-	555	1-7	(- 512-X	555	555		
8. yoromet. ane	1U3	555	- U2)-	mg/kg Qet)-	1U-	555	1-3	(- 512-X	555	555		
258. yorotoyuene	1US	555	- U)-	mg/kg Qet)-	1U-	555	1-S	(- 512-X	555	555		
358. yorotoyuene	1U2	555	- U)-	mg/kg Qet)-	1U-	555	112	(- 512-X	555	555		
Dibromoc. yoromet. ane	1U3	555	- U--	mg/kg Qet)-	1U-	555	1-3	(- 512-X	555	555		
1,25Dibromo5Sc. yoropropane	1U2	555	- U2)-	mg/kg Qet)-	1U-	555	1-2	(- 512-X	555	555		
1,25Dibromoet. ane BEDCK	1US	555	- U)-	mg/kg Qet)-	1U-	555	1-S	(- 512-X	555	555		
Dibromomet. ane	1U1	555	- U)-	mg/kg Qet)-	1U-	555	1-1	(- 512-X	555	555		
1,25Dic. yorobenHene	1US	555	- U2)-	mg/kg Qet)-	1U-	555	1-S	(- 512-X	555	555		
1,55Dic. yorobenHene	1US	555	- U2)-	mg/kg Qet)-	1U-	555	1-S	(- 512-X	555	555		
1,35Dic. yorobenHene	1U2	555	- U2)-	mg/kg Qet)-	1U-	555	1-2	(- 512-X	555	555		
Dic. yorodifyuoromet. ane	- U(2	555	- U--	mg/kg Qet)-	1U-	555	6(-	(- 512-X	555	555		
1,15Dic. yoroet. ane	1U2	555	- U2)-	mg/kg Qet)-	1U-	555	112	(- 512-X	555	555		

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Jason Woodcock, Project Manager

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ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Anayhte	Resuyt	Detection Limit	Reporting Limit	z nits	Diyution	l pike Amount	l ource Resuyt	X RE8	X RE8 Limits	RPD	RPD Limit	Notes
Batch 24A0861 - EPA 5035A						Soil						
LCS (24A0861-BS1)		Prepared: - 1/26/23 - 7:2S AnayHed: - 1/26/23 1:- - 7										
1,2SDic. yoroet. ane BED8 K	1U6	555	- (U2) -	mg/kg Qet	-	1U-	555	1-6	(- 512-X	555	555	v 50
1,1SDic. yoroet. ene	1U2S	555	- (U2) -	mg/kg Qet	-	1U-	555	123	80 - 120%	555	555	
cis51,2SDic. yoroet. ene	1U(-	555	- (U2) -	mg/kg Qet	-	1U-	555	1-(-	(- 512-X	555	555	
trans51,2SDic. yoroet. ene	1U-	555	- (U2) -	mg/kg Qet	-	1U-	555	11-	(- 512-X	555	555	
1,2SDic. yoropropane	1U(-	555	- (U2) -	mg/kg Qet	-	1U-	555	1-(-	(- 512-X	555	555	
1,SSDic. yoropropane	1U(-	555	- (U) -	mg/kg Qet	-	1U-	555	1-(-	(- 512-X	555	555	
2,2SDic. yoropropane	1U0	555	- (U) -	mg/kg Qet	-	1U-	555	110	(- 512-X	555	555	
1,1SDic. yoropropene	1US	555	- (U) -	mg/kg Qet	-	1U-	555	1-S	(- 512-X	555	555	
cis51,SSDic. yoropropene	1U6	555	- (U) -	mg/kg Qet	-	1U-	555	1-6	(- 512-X	555	555	
trans51,SSDic. yoropropene	1U-	555	- (U) -	mg/kg Qet	-	1U-	555	12-	(- 512-X	555	555	
Et. hybenHene	1U1	555	- (U2) -	mg/kg Qet	-	1U-	555	1-1	(- 512-X	555	555	
4 exac. yorobutadiene	- (U2)	555	- (U) -	mg/kg Qet	-	1U-	555	6S	(- 512-X	555	555	
2,54 exanone	1U1	555	- (U) -	mg/kg Qet	-	2U-	555	60	(- 512-X	555	555	
IsoprophylbenHene	1U-	555	- (U) -	mg/kg Qet	-	1U-	555	1--	(- 512-X	555	555	
3,5Isoprophylxyuene	1U3	555	- (U) -	mg/kg Qet	-	1U-	555	1-3	(- 512-X	555	555	
Met. hyene c. yoride	- (U) 0	555	- (U) -	mg/kg Qet	-	1U-	555	66	(- 512-X	555	555	
3,5Met. hy2,5pentanone BMTCK	2U2	555	- (U) -	mg/kg Qet	-	2U-	555	111	(- 512-X	555	555	
Met. hytertbutyl ether BMTCEK	1U1	555	- (U) -	mg/kg Qet	-	1U-	555	1-1	(- 512-X	555	555	
Nap. t. ayene	- (U) -2	555	- (U) -	mg/kg Qet	-	1U-	555	(-	(- 512-X	555	555	
nSPropylbenHene	1U2	555	- (U2) -	mg/kg Qet	-	1U-	555	112	(- 512-X	555	555	
l threne	- (U) 06	555	- (U) -	mg/kg Qet	-	1U-	555	(7	(- 512-X	555	555	
1,1,1,2,5Tetrac. yoroet. ane	1U3	555	- (U2) -	mg/kg Qet	-	1U-	555	1-3	(- 512-X	555	555	
1,1,2,2,5Tetrac. yoroet. ane	1U6	555	- (U) -	mg/kg Qet	-	1U-	555	116	(- 512-X	555	555	
Tetrac. yoroet. ene B8 EK	- (U) 6	555	- (U2) -	mg/kg Qet	-	1U-	555	60	(- 512-X	555	555	
Tolyuene	1US	555	- (U) -	mg/kg Qet	-	1U-	555	1-S	(- 512-X	555	555	
1,2,SSTric. yorobenHene	- (U2) 1	555	- (U2) -	mg/kg Qet	-	1U-	555	62	(- 512-X	555	555	
1,2,3,5Tric. yorobenHene	- (U) 67	555	- (U2) -	mg/kg Qet	-	1U-	555	6-	(- 512-X	555	555	
1,1,1,5Tric. yoroet. ane	1U7	555	- (U2) -	mg/kg Qet	-	1U-	555	1-7	(- 512-X	555	555	
1,1,2,5Tric. yoroet. ane	1U-	555	- (U2) -	mg/kg Qet	-	1U-	555	11-	(- 512-X	555	555	
Tric. yoroet. ene B8 EK	- (U2) 7	555	- (U2) -	mg/kg Qet	-	1U-	555	63	(- 512-X	555	555	
Tric. yorofluoromet. ane	- (U2) 30	555	- (U) -	mg/kg Qet	-	1U-	555	6)	(- 512-X	555	555	
1,2,SSTric. yoropropane	1U(-	555	- (U) -	mg/kg Qet	-	1U-	555	1-(-	(- 512-X	555	555	
1,2,3,5Trimet. hybenHene	1US	555	- (U) -	mg/kg Qet	-	1U-	555	11S	(- 512-X	555	555	
1,S.) 5Trimet. hybenHene	1US	555	- (U) -	mg/kg Qet	-	1U-	555	11S	(- 512-X	555	555	

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**ANALYTICAL REPORT****AMENDED REPORT****Apex Laboratories, LLC**

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 02 24 1358****QUALITY CONTROL (QC) SAMPLE RESULTS****Volatile Organic Compounds by EPA 8260D**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Pike Amount	Source Result	X RE8	X RE8 Limits	RPD	RPD Limit	Notes
Batch 24A0861 - EPA 5035A						Soil						
LCS (24A0861-BS1)		Prepared: - 1/26/23 - 7:25 Analyzed: - 1/26/23 1:-7										
9 inhye. yoride	1U-	555	- (U2) -	mg/kg Qet	-	1U-	555	12-	(- 5 12- X	555	555	
m,p5F hyene	2US	555	- (U) - -	mg/kg Qet	-	2U-	555	1-0	(- 5 12- X	555	555	
o5F hyene	- 663	555	- (U2) -	mg/kg Qet	-	1U-	555	66	(- 5 12- X	555	555	
Curr5 %R-L ifluorobenzene (Curr)		vecoSery5 3g/ : imits5 81-%1 / Dilution5 %										
Toluene-d8 (Curr)		%44 / 81-%1 / Q										
R-9 romofluorobenzene (Curr)		3B/ g3-%1 / Q										

No Dlient related 9atch " D samples analyzed for this batch. Gee notes paM for more information.

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PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 02 24 1358**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270E (SIM)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Sample Amount	Source Result	X RE8	X RE8 Limits	RPD	RPD Limit	Notes
Batch 24B0031 - EPA 3546												
Soil												
Blank (24B0031-BLK1)												
Prepared: -2/- 1/23 12:37 Analyzed: -2/- 1/23 10:-1												
EPA 8270E SIM												
Acenap. t. ene	ND	555	- 11--	mg/kg Qet	1	555	555	555	555	555	555	
Acenap. t. hyene	ND	555	- 11--	mg/kg Qet	1	555	555	555	555	555	555	
Ant. racene	ND	555	- 11--	mg/kg Qet	1	555	555	555	555	555	555	
CenHant. racene	ND	555	- 11--	mg/kg Qet	1	555	555	555	555	555	555	
CenHant. phrene	ND	555	- 11--	mg/kg Qet	1	555	555	555	555	555	555	
CenHant. fluorant. ene	ND	555	- 11--	mg/kg Qet	1	555	555	555	555	555	555	
CenHant. fluorant. ene	ND	555	- 11--	mg/kg Qet	1	555	555	555	555	555	555	
CenHant. iperhyene	ND	555	- 11--	mg/kg Qet	1	555	555	555	555	555	555	
8. rhsene	ND	555	- 11--	mg/kg Qet	1	555	555	555	555	555	555	
DibenHant. racene	ND	555	- 11--	mg/kg Qet	1	555	555	555	555	555	555	
%uorant. ene	ND	555	- 11--	mg/kg Qet	1	555	555	555	555	555	555	
%uorene	ND	555	- 11--	mg/kg Qet	1	555	555	555	555	555	555	
IndenoB,2,S5cdiphere	ND	555	- 11--	mg/kg Qet	1	555	555	555	555	555	555	
15Met. hynap. t. ayene	ND	555	- 11--	mg/kg Qet	1	555	555	555	555	555	555	
25Met. hynap. t. ayene	ND	555	- 11--	mg/kg Qet	1	555	555	555	555	555	555	
Nap. t. ayene	ND	555	- 11--	mg/kg Qet	1	555	555	555	555	555	555	
P. enant. rene	ND	555	- 11--	mg/kg Qet	1	555	555	555	555	555	555	
Phrene	ND	555	- 11--	mg/kg Qet	1	555	555	555	555	555	555	
DibenHbfuran	ND	555	- 11--	mg/kg Qet	1	555	555	555	555	555	555	
Curre5 6-Chlorobiphenyl (Curre) veco5ery5 84 / : imits5 RR-%1 / L ilution5 %7												
p-Terphenyl-d4R (Curre) 84 / 0R-%g / Q												

LCS (24B0031-BS1)

Prepared: -2/- 1/23 12:37 Analyzed: -2/- 1/23 10:27

EPA 8270E SIM

Acenap. t. ene	- 17- 1	555	- 11--	mg/kg Qet	1	- 11--	555	((3- 512SX	555	555	
Acenap. t. hyene	- 1076	555	- 11--	mg/kg Qet	1	- 11--	555	() S2 51S2X	555	555	
Ant. racene	- 100	555	- 11--	mg/kg Qet	1	- 11--	555	(S 37 512SX	555	555	
CenHant. racene	- 100S	555	- 11--	mg/kg Qet	1	- 11--	555	(S 36 5120X	555	555	
CenHant. phrene	- 10(0	555	- 11--	mg/kg Qet	1	- 11--	555	(0 3) 5126X	555	555	
CenHant. fluorant. ene	- 10S1	555	- 11--	mg/kg Qet	1	- 11--	555	76 3) 51S2X	555	555	
CenHant. fluorant. ene	- 17- 3	555	- 11--	mg/kg Qet	1	- 11--	555	((37 51S2X	555	555	
CenHant. iperhyene	- 1003	555	- 11--	mg/kg Qet	1	- 11--	555	(S 3S 51S3X	555	555	
8. rhsene	- 171(	555	- 11--	mg/kg Qet	1	- 11--	555	6-)- 5123X	555	555	

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Jason Woodcock, Project Manager



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AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

QUALITY CONTROL (QC) SAMPLE RESULTS

Polyaromatic Hydrocarbons (PAHs) by EPA 8270E (SIM)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Sample Amount	Source Result	X RE8	X RE8 Limits	RPD	RPD Limit	Notes
Batch 24B0031 - EPA 3546						Soil						
LCS (24B0031-BS1)		Prepared: - 2/- 1/23 12:37 Analyzed: - 2/- 1/23 10:27										
Dibenz[a,h]anthracene	- 10(S	555	- 101--	mg/kg Qet	1	- 101--	555	()	3) 51S3X	555	555	
fluoranthene	- 1062	555	- 101--	mg/kg Qet	1	- 101--	555	(7)	- 5127X	555	555	
fluorene	- 10)	555	- 101--	mg/kg Qet	1	- 101--	555	(2	3S 512) X	555	555	
Indeno[1,2,3-cd]pyrene	- 100S	555	- 101--	mg/kg Qet	1	- 101--	555	(S	3) 51SSX	555	555	
1-Methyl-naphthalene	- 103-	555	- 101--	mg/kg Qet	1	- 101--	555	(-	3- 512-X	555	555	
2-Methyl-naphthalene	- 10) 7	555	- 101--	mg/kg Qet	1	- 101--	555	(2	S(5122X	555	555	
Naphthalene	- 106-	555	- 101--	mg/kg Qet	1	- 101--	555	(0	S) 512SX	555	555	
Perylene	- 1000	555	- 101--	mg/kg Qet	1	- 101--	555	(S	) - 5121X	555	555	
Phenanthrene	- 106S	555	- 101--	mg/kg Qet	1	- 101--	555	(7	37 5127X	555	555	
Dibenzofuran	- 1006	555	- 101--	mg/kg Qet	1	- 101--	555	(3	33 512-X	555	555	
Gurr 5-6-Chlorobiphenyl (Gurr)		vecoSery5 86 / : imits5 RR-%1 / L ilution5 %7										
p-Terphenyl-d9R (Gurr)		g3 / 0R-%6g / Q										

No client related batch "D" samples analyzed for this batch. See notes page for more information.

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Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

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A4A1441 - 02 02 24 1358

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Pipette Amount	Source Result	X RE8	X RE8 Limits	RPD	RPD Limit	Notes
Batch 24A0795 - EPA 3051A							Soil					
Blank (24A0795-BLK1)		Prepared: - 1/2/23 1:50 Analyzed: - 1/2/23 21:10										
EPA 6020B												
Lead	ND	555	- 12 -	mg/kg Qet	1 -	555	555	555	555	555	555	
LCS (24A0795-BS1)		Prepared: - 1/2/23 1:50 Analyzed: - 1/2/23 21:21										
EPA 6020B												
Lead	- 12 -	555	- 12 -	mg/kg Qet	1 -	- 12 -	555	1 - 1	(- 5 12 - X	555	555	

No client related batch "D" samples analyzed for this batch. See notes page for more information.

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Jason Woodcock, Project Manager

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A4A1441 - 02 02 24 1358

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Sample Amount	Source Result	X RE8	X RE8 Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	----------	---------------	---------------	-------	--------------	-----	-----------	-------

Batch 24A0769 - Total Solids (Dry Weight) - 2022

Soil

No client related batch "D" samples analyzed for this batch. See notes page for more information.

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Project: Benton County Crisis Center

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A4A1441 - 02 02 24 1358

SAMPLE PREPARATION INFORMATION

Hdrl sh k4yr, 4lslk4ySI h, 4y dN. 2PH-HCID

Ph AymPg8516yTF, W

Lab Number	Matrix	Met. od	I ampyed	Prepared	I ampye Initiay%anay	Defauyt Initiay%anay	RL Prep %actor
Bsl0:ye1qb791							
A3A13315-S	l oiy	NWTP4 54 8 ID	- 1/2)/23 1-:1)	- 1/2)/23 1):17	1-U0g/1-mL	1-g/1-mL	-l6(
A3A13315-3	l oiy	NWTP4 54 8 ID	- 1/2)/23 1-:S-	- 1/2)/23 1):17	1-U)g/1-mL	1-g/1-mL	1U-
A3A13315-)	l oiy	NWTP4 54 8 ID	- 1/2)/23 1-:3)	- 1/2)/23 1):17	1-U7g/1-mL	1-g/1-mL	-l66
A3A13315-0	l oiy	NWTP4 54 8 ID	- 1/2)/23 11:S-	- 1/2)/23 1):17	1-U1g/1-mL	1-g/1-mL	-l6(

Duf, W4r/khOwHdrl sh k4fy dN. 2PH-Dp

Ph AymPg8516yTF, W

Lab Number	Matrix	Met. od	I ampyed	Prepared	I ampye Initiay%anay	Defauyt Initiay%anay	RL Prep %actor
Bsl0:ye1qb766							
A3A13315-S	l oiy	NWTP4 5Dx	- 1/2)/23 1-:1)	- 1/2)/23 17:-)	11U03g/mL	1-g/mL	-l00
A3A13315-3	l oiy	NWTP4 5Dx	- 1/2)/23 1-:S-	- 1/2)/23 17:-)	11USg/mL	1-g/mL	-l6-
A3A13315-)	l oiy	NWTP4 5Dx	- 1/2)/23 1-:3)	- 1/2)/23 17:-)	11U2g/mL	1-g/mL	-l06
A3A13315-0	l oiy	NWTP4 5Dx	- 1/2)/23 11:S-	- 1/2)/23 17:-)	11U1g/mL	1-g/mL	-l00

GsfkW, yRs4i, yHdrl sh k4fy(B, 4z, 4, y0rkFi 0yNsA0l0sW4,)y dN. 2PH-Gp

Ph AymPg5b35g

Lab Number	Matrix	Met. od	I ampyed	Prepared	I ampye Initiay%anay	Defauyt Initiay%anay	RL Prep %actor
Bsl0:ye1qb8v6							
A3A13315-S	l oiy	NWTP4 5Gx BML K	- 1/2)/23 1-:1)	- 1/2)/23 1-:1)	060g/mL	)g/mL	-U2
A3A13315-3	l oiy	NWTP4 5Gx BML K	- 1/2)/23 1-:S-	- 1/2)/23 1-:S-	7S2g/mL	)g/mL	-U0(
A3A13315-)	l oiy	NWTP4 5Gx BML K	- 1/2)/23 1-:3)	- 1/2)/23 1-:3)	7U(g/mL	)g/mL	-U-
A3A13315-0	l oiy	NWTP4 5Gx BML K	- 1/2)/23 11:S-	- 1/2)/23 11:S-	0USg/mL	)g/mL	-US

VkvWWh s4lyCkq AkF4rfy dymPg8e6bD

Ph AymPg5b35g

Lab Number	Matrix	Met. od	I ampyed	Prepared	I ampye Initiay%anay	Defauyt Initiay%anay	RL Prep %actor
Bsl0:ye1qb8v6							
A3A13315-S	l oiy	) - S) A/(20- D	- 1/2)/23 1-:1)	- 1/2)/23 1-:1)	060g/mL	)g/mL	-U2
A3A13315-3	l oiy	) - S) A/(20- D	- 1/2)/23 1-:S-	- 1/2)/23 1-:S-	7S2g/mL	)g/mL	-U0(
A3A13315-)	l oiy	) - S) A/(20- D	- 1/2)/23 1-:3)	- 1/2)/23 1-:3)	7U(g/mL	)g/mL	-U-
A3A13315-0	l oiy	) - S) A/(20- D	- 1/2)/23 11:S-	- 1/2)/23 11:S-	0USg/mL	)g/mL	-US
Bsl0:ye1qb86w							
A3A13315-SRE1	l oiy	) - S) A/(20- D	- 1/2)/23 1-:1)	- 1/2)/23 1-:1)	060g/mL	)g/mL	-U2

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Jason Woodcock, Project Manager

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ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

SAMPLE PREPARATION INFORMATION

VKWVWOh s4U yCkq AkF4r fy dymPgY8e6bD

Ph AymPgY8b35g

Lab Number	Matrix	Met. od	1 ampyed	Prepared	1 ampye Initiay%anay	Defauyt Initiay%anay	RL Prep %actor
A3A13315-3RE1	l oiy	) - S) A/(20-D	- 1/2)/23 1-:-S-	- 1/2)/23 1-:-S0	7(52g/) mL	) g/) mL	- 10(
A3A13315-) RE1	l oiy	) - S) A/(20-D	- 1/2)/23 1-:-3)	- 1/2)/23 1-:-3)	7U(g/) mL	) g/) mL	- 17-

PkV6hkq s4U yHdr kkl sh k4f y(PgHf) y dymPgY8e7bm(SIM)

Ph AymPgY8516

Lab Number	Matrix	Met. od	1 ampyed	Prepared	1 ampye Initiay%anay	Defauyt Initiay%anay	RL Prep %actor
BslL 0:ye1Bbb3w							
A3A13315-S	l oiy	EPA (27-E 1 IM	- 1/2)/23 1-:-1)	- 2/- 1/23 12:37	11106g/) mL	1- g/) mL	- 10
A3A13315-3	l oiy	EPA (27-E 1 IM	- 1/2)/23 1-:-S-	- 2/- 1/23 12:37	11102g/) mL	1- g/) mL	- 17
A3A13315-)	l oiy	EPA (27-E 1 IM	- 1/2)/23 1-:-3)	- 2/- 1/23 12:37	11107g/) mL	1- g/) mL	- 16-
A3A13315-) RE1	l oiy	EPA (27-E 1 IM	- 1/2)/23 1-:-3)	- 2/- 1/23 12:37	11107g/) mL	1- g/) mL	- 16-
A3A13315-0	l oiy	EPA (27-E 1 IM	- 1/2)/23 11:-S-	- 2/- 1/23 12:37	1110Sg/) mL	1- g/) mL	- 10)

2klsWV, lsWV dymPgY8bebBy(ICPMS)

Ph AymPgY8b5wg

Lab Number	Matrix	Met. od	1 ampyed	Prepared	1 ampye Initiay%anay	Defauyt Initiay%anay	RL Prep %actor
BslL 0:ye1qb795							
A3A13315-S	l oiy	EPA 0-2-C	- 1/2)/23 1-:-1)	- 1/2)/23 1):S0	- 137g/) - mL	- 10g/) - mL	110
A3A13315-3	l oiy	EPA 0-2-C	- 1/2)/23 1-:-S-	- 1/2)/23 1):S0	- 101g/) - mL	- 10g/) - mL	- 16(
A3A13315-)	l oiy	EPA 0-2-C	- 1/2)/23 1-:-3)	- 1/2)/23 1):S0	- 13)) g/) - mL	- 10g/) - mL	11-
A3A13315-0	l oiy	EPA 0-2-C	- 1/2)/23 11:-S-	- 1/2)/23 1):S0	- 1366g/) - mL	- 10g/) - mL	11-

P, H, 4LyDhdy , u OL

Ph AymPgY8b5wg

Lab Number	Matrix	Met. od	1 ampyed	Prepared	1 ampye Initiay%anay	Defauyt Initiay%anay	RL Prep %actor
BslL 0:ye1qb795							
A3A13315-S	l oiy	EPA (---D	- 1/2)/23 1-:-1)	- 1/2)/23 1(:S(			NA
A3A13315-3	l oiy	EPA (---D	- 1/2)/23 1-:-S-	- 1/2)/23 1(:S(			NA
A3A13315-)	l oiy	EPA (---D	- 1/2)/23 1-:-3)	- 1/2)/23 1(:S(			NA
A3A13315-0	l oiy	EPA (---D	- 1/2)/23 11:-S-	- 1/2)/23 1(:S(			NA

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Jason Woodcock, Project Manager

Page 3S of 36



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**

Project Number: **52774.001**

Project Manager: **Bret Waldron**

Report ID:

A4A1441 - 02 02 24 1358

QUALIFIER DEFINITIONS

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

Apex Laboratories

- F-18** Result for Diesel/Diesel Range Organics, 812582) Kis due to overlap from Gasoline or a Gasoline Range product
- M-02** Due to matrix interference, this analyte cannot be accurately quantified. The reported result is estimated
- M-05** Estimated results. Peak separation for structural isomers is insufficient for accurate quantification
- Q-01** Spike recovery and/or RPD is outside acceptance limits
- Q-03** Spike recovery and/or RPD is outside control limits due to the e.g. concentration of analyte present in the sample
- 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 relevant section of Analytical Report.
- Q-54a** Daily 8 continuing calibration verification recovery for this analyte failed the $q/\Sigma-X$ criteria listed in EPA method (20-)/(27-) (b) (5) (C). The results are reported as Estimated values
- Q-54b** Daily 8 continuing calibration verification recovery for this analyte failed the $q/\Sigma-X$ criteria listed in EPA method (20-)/(27-) (b) (5) (C). The results are reported as Estimated values
- Q-55** Daily 889/L81 recovery for this analyte was below the $q/\Sigma-X$ criteria listed in EPA (20-), so the recovery is adequate sensitivity to ensure detection at the reporting level
- Q-56** Daily 889/L81 recovery for this analyte was above the $q/\Sigma-X$ criteria listed in EPA (20-
- R-02** The Reporting Limit for this analyte has been raised to account for interference from coexisting organic compounds present in the sample

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Project: **Benton County Crisis Center**

Project Number: **52774.001**

Project Manager: **Bret Waldron**

Report ID:

A4A1441 - 02 02 24 1358

REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DET Analyte DETE8 TED at or above t. e detection or reporting yimitU
ND Analyte NOT DETE8 TED at or above t. e detection or reporting yimitU
NR Result Not ReportedU
RPD Relative Percent DifferenceURPDs for Matrix I pikes and Matrix I pike Duplicates are based on concentration, not recoverhU

Detection Limits: Limit of Detection (LOD)

Limits of Detection LODsKare normayh set at a yeweyof one . ayf t. e waidated Limit of v uantitation BLOV KU
If no waye is yisted B55555K t. en t. e data . as not been ewayuated beyoQ t. e Reporting LimitU

Reporting Limits: Limit of Quantitation (LOQ)

9ayidated Limits of v uantitation BLOV sKare reported as t. e Reporting Limits for ayyanayhses Q. ere t. e LOV , MRL, Pv L or 8 RL are
re+uestedUT. e LOV represents a yeweyat or above t. e yoQ point of t. e cayibration curwe, t. at . as been waidated according to Apex
Laboratories' compre. ensive LOV poicies and proceduresU

Reporting Conventions:

Casis: Results for soiyssampyes are generayh reported on a 1-- X drh Qeig. t basisU
T. e Result Casis is yisted foxyoQing t. e units as " drh", " Qet", or " " BbyankKdesignatioU
" drh" I ampye results and Reporting Limits are reported on a drh Qeig. t basisUBldU"ug/kg drh"K
I ee Percent l oids section for detaiys of drh Qeig. t anayhsisU
" Qet" I ampye results and Reporting Limits for t. is anayhsis are normayh drh Qeig. t corrected, but . awe not been modified in t. is caseU
" " Results Qit. out 'Qet' or 'drh' designation are not normayh drh Qeig. t correctedUT. ese results are considered 'As Received'U

QC Source:

In cases Q. ere t. ere is insufficient sampye provided for l ampye Duplicates and/or Matrix l pikes, a Lab 8 ontroyl ampye Duplicate B.8l DupK
mah be anayhFd to demonstrate accurach and precision of t. e extraction bate. U

Non8 yient Catc. v 8 l ampyes BDuplicates and Matrix l pike/DuplicatesKare not incyuded in t. is reportUPyease re+uest a %ayyv 8 report if t. is
data is re+uiredU

Miscellaneous Notes:

" 555 " v 8 results are not appycabyeU/or example, X Recoveries for Cyanks and Duplicates, X RPD for Cyanks, Cyank l pikes and Matrix l pikes, etcU

" *** " z sed to indicate a possibye discrepanch Qit. t. e l ampye and l ampye Duplicate results Q. en t. e XRPD is not awaiyabyeUIn t. is case,
eit. er t. e l ampye or t. e l ampye Duplicate . as a reportabye result for t. is anayhte, Q. iye t. e ot. er is Non Detect BNDKU

Blanks:

I tandard practice is to ewayuate t. e results from Cyank v 8 l ampyes doQn to a yeweye+uayto ½ t. e Reporting Limit BRLKU
9/or Cyank . its faying betQueen ½ t. e RL and t. e RL B fyagged . itsK t. e associated sampye and v 8 data Qiyyreceive a 'C5-2' +uayifierU
9/or Cyank . its above t. e RL, t. e associated sampye and v 8 data Qiyyreceive a 'C' +uayifier, per Apex Laboratories' Cyank PoyichU
9/or furt. er detaiys, pyease re+uest a coph of t. is documentU

Apex Laboratories

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**

Project Number: **52774.001**

Project Manager: **Bret Waldron**

Report ID:

A4A1441 - 02 02 24 1358

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

Blank sample results flagged with a 'C' or 'C5-2' multiplier are potentially biased. 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.

'C' and 'C5-2' multipliers 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:

For certain regulatory programs, such as National Pollutant Discharge Elimination Act (NPDES) require that activities such as sample fixation for dissolved metals, orthophosphate, hexavalent chromium, etc. and testing of sorbent analytes (e.g., Dissolved Oxygen, etc.) be performed in the field on-site. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and bi-phase site specific vials requested, if they are required by regulatory permits. Samples should be reviewed to ensure that these requirements are being met.

Data users should be aware of the following: 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 may modify these analyses according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been fixed and preserved at Apex Laboratories per client request are listed in the preparation section of the report. The date and time of fixation listed.

Apex Laboratories maintains detailed records on sample receipt, including client verification, cooler temperature, sample preservation, and time compliance and field fixation. Data is provided as necessary, and the lack of multiplier indicates compliance with required parameters.

Apex Laboratories

Jason Woodcock, Project Manager

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**ANALYTICAL REPORT****AMENDED REPORT****Apex Laboratories, LLC**

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: **Benton County Crisis Center**Project Number: **52774.001**Project Manager: **Bret Waldron****Report ID:****A4A1441 - 02 02 24 1358****LABORATORY ACCREDITATION INFORMATION****ORELAP Certification ID: OR100062 (Primary Accreditation)****EPA ID: OR01039**

Asymmet. ods and anayhtes reported from Qork performed at Apex Laboratories are included on Apex Laboratories' ORELAP
l cope of 8 ertification, Qit. t. e exception of anh anayhteBKjisted beyoQ:

Apex Laboratories

Matrix	Anayhsis	TNI_ID	Anayhte	TNI_ID	Accreditation
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Awreported anayhtes are included in Apex Laboratories' current ORELAP scopeU

Secondary Accreditations

Apex Laboratories ayso maintains reciprocayaccreditation Qit. non5TNI states BWas. ington DOEK as Qeyyas
ot. er state specific accreditations not yisted . ereU

Subcontract Laboratory Accreditations

l subcontracted data fayys outside of Apex Laboratories' l cope of AccreditationU
Pyease see t. e l subcontract Laboratorh report for fuydetaiys, or contact hour Project Manager for more informationU

Field Testing Parameters

Results for %eyd Tested data are provided bh t. e cyient or sampyer, and fayyoutside of Apex Laboratories' l cope of
AccreditationU

Apex Laboratories

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

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Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

Project: Benton County Crisis Center

3500 Chad Dr. Suite 100

Project Number: 52774.001

Eugene, OR 97408

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

APEX LABS 6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323		CHAIN OF CUSTODY		Lab # <u>A4A1441</u> of <u>1</u>	
Company: <u>PBS</u>		Project Name: <u>Benton County Crisis Center</u>		Project #: <u>52774.001</u>	
Address: <u>NT</u>		Project Mgr: <u>Bret Waldron</u>		PO #	
Sampled by: <u>NT</u>		Phone: <u></u>		Email: <u></u>	
Site Location: <u>OR</u>		State: <u>OR</u>		County: <u></u>	
SAMPLE ID		DATE		TIME	
Pit water	1/25/24	0930	9	MATRIX	
Tank water	1000		9	# OF CONTAINERS	
Tank P.V.-C	1015	0911	2	NWTPH-HCID	
Tank P.V.-W-C	1030		2	NWTPH-DX	
Tank P.V.-10	1045		2	NWTPH-GX	
SG-SW-C	1130		2	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, Cr, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Ti, Zn	
				TOTAL DISS. TCIP	
				TCIP Metals (8)	
				Diss. Metals (8)	
				TCLP	
				Hold Sample	
				Frozen Archive	
SPECIAL INSTRUCTIONS: H203 P.V.s are field filtered 1 day rush TAT (if possible) Standard TAT for PAHs					
Standard Turn Around Time (TAT) = 10 Business Days					
TAT Requested (circle) 1 Day 2 Day 3 Day 5 Day Standard Other: <u></u>					
SAMPLES ARE HELD FOR 30 DAYS					
RELINQUISHED BY: <u>[Signature]</u>		RECEIVED BY: <u>[Signature]</u>		Date: <u>1/25/24</u>	
Printed Name: <u>Nex Tech</u>		Printed Name: <u>[Signature]</u>		Time: <u>1350</u>	
Company: <u>PBS</u>		Company: <u>Apex</u>		Form V-002 R-00	

Apex Laboratories

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Jason Woodcock, Project Manager



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

Project: Benton County Crisis Center

Project Number: 52774.001

Project Manager: Bret Waldron

Report ID:

A4A1441 - 02 02 24 1358

APEX LABS COOLER RECEIPT FORM

Client: PBS Element WO#: A4A1441Project/Project #: Benton County Crisis Center / 52774.001

Delivery Info:

Date/time received: 1/25/24 @ 1350 By: KMSDelivered by: Apex Client LESS FedEx UPS Radio Morgan SDS Evergreen OtherCooler Inspection Date/time inspected: 1/25/24 @ 1350 By: KMSChain of Custody included? Yes X NoSigned/dated by client? Yes X No

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	<u>2.5</u>	<u>2.1</u>					
Custody seals? (Y/N)	<u>N</u>	<u>→</u>					
Received on ice? (Y/N)	<u>Y</u>	<u>→</u>					
Temp. blanks? (Y/N)	<u>Y</u>	<u>→</u>					
Ice type: (Gel/Real/Other)	<u>Real</u>	<u>→</u>					
Condition (In/Out):	<u>In</u>	<u>→</u>					

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

Green dots applied to out of temperature samples? Yes NoOut of temperature samples form initiated? Yes NoSample Inspection: Date/time inspected: 1/25/24 @ 1410 By: KMSAll samples intact? Yes X No Comments:Bottle labels/COCs agree? Yes X No Comments: No T/D on MeOH VOA for Tank Pit-E-V.COC/container discrepancies form initiated? Yes NoContainers/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 pH ID: A23E172

Comments:

Additional information:

Labeled by:

Witness:

Cooler Inspected by:

Form Y-003 R-01

Apex Laboratories

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Jason Woodcock, Project Manager

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

Monday, February 19, 2024

Nick Thornton

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

RE: A4B1093 - Benton County Crisis Center - 52774.100

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 A4B1093, which was received by the laboratory on 2/13/2024 at 5:19:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: jwoodcock@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		
<u>Acceptable Receipt Temperature is less than, or equal to, 6 degC (not frozen), or received on ice the same day as sampling.</u>		
(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.



At, g LNpJcNJ cX T

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NRU a s JJ onJnWlPcJk nrj NtN, c

PN, b Ji If



ANALYTICAL REPORT

Apex Laboratories, LLC

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

ProS Engineering and Environmentals, Eugene
3500 Chad Dr. Suite 100
Eugene, OR 97408

Project nr: Yenton Count MCrisis Center
Project nr 360 p, c: 52774.100
Project nr j Nññ, c: Nññ Thornton

Report ID
A4v 1093 - 02 19 24 1016

ANALYTICAL REPORT c OR SA/ PLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
VST-01-CE	A4v 1093-01	Water	02/13/24 15:00	02/13/24 17:19

Attestation of Results

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Analyst: J. J. Onyiah

Page 1 of 1



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

Pv S Engineering and Enniron(enta) :Eugenev

3500 Chad Dr. Suite 100

Eugene, OR 97408

PcJk nr: y enton CountMCrisis Center

PcJk nr 3 6u p, c: 52774.100

PcJk nr j NñÑ, c: NiH Thornton

Report IDF

A4v 1093 - 02 19 24 1016

ANALYTICAL SA/ PLE RESVLTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

AaNS r,	2Nñ t S R, T6S	D, r, nrñ a Lññ x	R, t J cræc Lññ x	. axT	DxSññ a	DN, AaNS U o	j , ryJo R, ih	3 Jr, T
UST-01-CE (A4B1093-01)				Matrix: Water		Batch: 24B0482		DCNT
Diese)	475	---	45lb	6e/L	b	fmb0/n0 nf.m#	3 s z PH-Dg LL	A-01
OxS	3 D	---	b8f	6e/L	b	fmb0/n0 nf.m#	3 s z PH-Dg LL	
Surrogate: o-Terphenyl (Surr)			Recovery: 93 %	Limits: 50-150 %	1	02/14/24 20:28	NWTPH-Dx LL	

At, g LNpJ cñJ cñ T

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NñJ a s JJ onJ nñPcJk nr j NñÑ, c

PNñ, 1 Ji 1f



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

Pv S Engineering and Enniron(enta) :Eugenev

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PcJk nr: y enton CountMCrisis Center

PcJk nr 3 6u p, c: 52774.100

PcJk nr j NñÑ, c: NiH Thornton

Report IDF

A4v 1093 - 02 19 24 1016

ANALYTICAL SA/ PLE RESVLTS

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

AaNS r,	2Nñ t S R, T6S	D, r, nrñ a Lññ	R, t J cræc Lññ	. aT	DxSññ a	DN, AaNS U o	j , ryJo R, ih	3 Jr, T
UST-01-CE (A4B1093-01RE1)				Matrix: Water		Batch: 24B0539		
Uasojine Range OrganiB	7630	---	bff	6e/L	b	fmb5/n0 b):1m	3 s zPH-7 g G 2(	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	100 %	Limits:	50-150 %	1	02/15/24 16:32	NWTPH-Gx (MS)
1,4-Difluorobenzene (Sur)			100 %		50-150 %	1	02/15/24 16:32	NWTPH-Gx (MS)

At , g LNpJcñJ cT

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NñJ a s JJ onJ nWpCJk nr j NñÑ, c

PNñ, 0 Ji 1f



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Report IDF

A4v 1093 - 02 19 24 1016

ANALYTICAL SA/ PLE RESVLTS

Volatile Organic Compounds by EPA 8260D

AaNS r,	2Nt t S R, T6S	D, r, nrđ a Lxu x	R, t Jcrac Lxu x	. axT	DxSrd a	DN, AaNS Uo	j , ryJo R, ih	3 Jr, T
UST-01-CE (A4B1093-01RE1)				Matrix: Water		Batch: 24B0539		
An, rJa,	3 D	---	nf lf	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
And S axo S	3 D	---	m) lf	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	R-fm
v enGene	1.44	---	f lmf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
Bcl u Jp, aU a,	3 D	---	f l5f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
Bcl u JnyScl u , ryNà,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
Bcl u JoxyScl u , ryNà,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
Bcl u JiJcu	3 D	---	nf lf	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
Bcl u Ju , ryNà,	3 D	---	5f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
mB6rNàJa, G EK(	3 D	---	mf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	R-fm
n-v utMbenGene	39.3	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
seBv utMbenGene	13.7	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
r, a-B6rl Sp, aU a,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
CNpJ a oxl6Sxo,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
CNpJ a r, rclNySxo,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
CyScl p, aU a,	3 D	---	f l5f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
CyScl , ryNà,	3 D	---	5f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
CyScl iJcu	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
CyScl u , ryNà,	3 D	---	5f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
mCyScl rJ S6, a,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
0-CyScl rJ S6, a,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
Dxpccl u JnyScl u , ryNà,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdaDxpccl u J-l-nyScl t cl t Nà,	3 D	---	5f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdaDxpccl u J, ryNà, CEDB(	3 D	---	f l5f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
Dxpccl u Ju , ryNà,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdaDxyScl p, aU a,	3 D	---	f l5f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdl-DxyScl p, aU a,	3 D	---	f l5f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdl-DxyScl p, aU a,	3 D	---	f l5f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
DxyScl oxl6Scl u , ryNà,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdb-DxyScl , ryNà,	3 D	---	f l0f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdaDxyScl , ryNà, CEDC(	3 D	---	f l0f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdb-DxyScl , ry, a,	3 D	---	f l0f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
mxl-bdaDxyScl , ry, a,	3 D	---	f l0f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
rcNà T-bdaDxyScl , ry, a,	3 D	---	f l0f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdaDxyScl t cl t Nà,	3 D	---	f l5f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdl-DxyScl t cl t Nà,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
mhaDxyScl t cl t Nà,	3 D	---	5f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	R-fm
bdb-DxyScl t cl t , a,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	

At , g LNpJ cNj cX T

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PcJk nr 3 6u p, c: 52774.100

PcJk nr j NãÑ, c: NiH Thornton

Report IDF

A4v 1093 - 02 19 24 1016

ANALYTICAL SA/ PLE RESVLTS

Volatile Organic Compounds by EPA 8260D

AaNS r,	2Ni t S R, T6S	D, r, nrã a Lxu x	R, t Jcræ Lxu x	. axT	DxSæã a	DN, AaNS Uo	j , ryJo R, ih	3 Jr, T
UST-01-CE (A4B1093-01RE1)				Matrix: Water		Batch: 24B0539		
nxT-bdL-DnyS cl t cl t , a,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
rcNãT-bdL-DnyS cl t cl t , a,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
EthMbenCene	28.4	---	fl5ff	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
H, gNyS cl p6rNbx a,	3 D	---	5lf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
nãH, gNãJa,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
IsopropMbenCene	30.4	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
4-IsopropMto)uene	5.96	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
j , ryl S a, nyS co,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
0-j , ryl S mæt, arNãJa, G æBK(	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
j , ryl Sr, æ-p6rl S, ry, c G z BE(	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
Naphthajene	35.8	---	5lf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
n-PropMbenCene	129	---	fl5ff	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
2rl c, a,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdbdbæz, rcNyS cl , ryNã,	3 D	---	fl0ff	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdbdbæz, rcNyS cl , ryNã,	3 D	---	fl5ff	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
z, rcNyS cl , ry, a, GPCE(	3 D	---	fl0ff	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
To)uene	2.69	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdnãl-z cnyS cl p, aU a,	3 D	---	nãf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdnãl-z cnyS cl p, aU a,	3 D	---	nãf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdbdb-z cnyS cl , ryNã,	3 D	---	fl0ff	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdbdbæz cnyS cl , ryNã,	3 D	---	b5lf	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	R-fm
z cnyS cl , ry, a, G æCE(	3 D	---	fl0ff	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
z cnyS cl iS6J cl u , ryNã,	3 D	---	nãf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdnãl-z cnyS cl t cl t Nã,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
1,2,4-Tri(ethMbenCene	5.51	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
1,3,5-Tri(ethMbenCene	1.33	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
Vxal SnyS co,	3 D	---	flmff	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
(,p-z Mene	5.64	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
o-z Mene	1.78	---	fl5ff	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	102 %	Limits:	80-120 %	1	02/15/24 16:32	EPA 8260D
Toluene-d8 (Surr)			102 %		80-120 %	1	02/15/24 16:32	EPA 8260D
4-Bromofluorobenzene (Surr)			100 %		80-120 %	1	02/15/24 16:32	EPA 8260D

At , g LNpJcNã cã T

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PcJk nr 3 6u p, c: 52774.100

PcJk nr j NñÑ, c: NiH Thornton

Report IDF

A4v 1093 - 02 19 24 1016

ANALYTICAL SA/ PLE RESVLTS

Polychlorinated Biphenyls by EPA 8082A

AaNS r,	2Nt t S R, T6S	D, r, nrJ a Lxi x	R, t Jcrae Lxi x	. axT	DxSra	DN, AaNS U o	j , ryJo R, ih	3 Jr, T
UST-01-CE (A4B1093-01)		Matrix: Water			Batch: 24B0485		C-09, DCNT	
AcJ nSc bfb)	3 D	---	f lbf m	6e/L	b	f nfb5/n0 bb:b5	EPA 4f4mA	
AcJ nSc bmb	3 D	---	f lbf m	6e/L	b	f nfb5/n0 bb:b5	EPA 4f4mA	
AcJ nSc bml m	3 D	---	f lbf m	6e/L	b	f nfb5/n0 bb:b5	EPA 4f4mA	
AcJ nSc bn0m	3 D	---	f lbf m	6e/L	b	f nfb5/n0 bb:b5	EPA 4f4mA	
AcJ nSc bn04	3 D	---	f lbf m	6e/L	b	f nfb5/n0 bb:b5	EPA 4f4mA	
AcJ nSc bnf0	3 D	---	f lbf m	6e/L	b	f nfb5/n0 bb:b5	EPA 4f4mA	
AcJ nSc bmf	3 D	---	f lbf m	6e/L	b	f nfb5/n0 bb:b5	EPA 4f4mA	
Surrogate: Decachlorobiphenyl (Surr)		Recovery: 66 %		Limits: 40-135 %	1	02/15/24 11:15	EPA 8082A	

At , g LNpJcNJ cX T

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NKU a s JJ onJnWpCJk nr j NñÑ, c

PN, 8 Ji 1f



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PcJk nr j NñÑ, c: NiH Thornton

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A4v 1093 - 02 19 24 1016

ANALYTICAL SA/ PLE RESVLTS

Total Metals by EPA 6020B (ICPMS)

AaNS r,	2Ni t S R, T6S	D, r, nrJ a Lxi x	R, t J cræ Lxi x	. axT	DxS crJ a	DN, AaNS U o	j , ryJo R, ih	3 Jr, T
UST-01-CE (A4B1093-01)				Matrix: Water				
Batch: 24B0526								
Lead	47.2	---	fhnff	6e/L	b	fmb)/n0 f8:ff	EPA)fnfB	

At , g LNpJ cNj cX T

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PcJk nr j NñÑ, c: NiH Thornton

Report IDF

A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

AaNS r,	R, T6S	D, r, nrJ a LxI x	R, t J cræc LxI x	. aT	Dx8rJ a	2t xW Au J 6ar	2J 6cn, R, T6S	9 REC	9 REC LxI xT	RPD	RPD LxI x	3 J r, T	
Batch 24B0482 - EPA 3510C (Fuels/Acid Ext.)						Water							
v) anl :24v 0482-v LQ1y		Pc, t Nc, o: f m/b0/n0 bf:5)		AaNS U o: f m/b0/n0 bF:n8									
<u>NWTPK-Dx LL</u>													
Dx T, S	3 D	---	4f lf	6e/L	b	---	---	---	---	---	---	---	
OxS	3 D	---	b) f	6e/L	b	---	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 83 %		Limits: 50-150 %		Dilution: 1x							
LCS :24v 0482-v S1y		Pc, t Nc, o: f m/b0/n0 bf:5)		AaNS U o: f m/b0/n0 bF:08									
<u>NWTPK-Dx LL</u>													
Dx T, S	1mm	---	4f lf	6e/L	b	5ff	---	)0	1) - b1n9	---	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 91 %		Limits: 50-150 %		Dilution: 1x							
LCS Dup :24v 0482-v SD1y		Pc, t Nc, o: f m/b0/n0 bf:5)		AaNS U o: f m/b0/n0 nf:f8									X-19
<u>NWTPK-Dx LL</u>													
Dx T, S	15b	---	4f lf	6e/L	b	5ff	---	8f	1) - b1n9	F	1f9	---	
Surr: o-Terphenyl (Surr)		Recovery: 95 %		Limits: 50-150 %		Dilution: 1x							

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

At, g LNpJ cñJ cñ T

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NñJ a s J J on J n Wñ PcJk nr j NñÑ, c

PNc, F Ji 1f



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A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

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

AaNS r,	R, T6S	D, r, nrđ a Lñi x	R, t Jcrae Lñi x	. aT	DxSđrđ a	2t xW Au J6ar	2J6a, R, T6S	9 REC	9 REC Lñi xT	RPD	RPD Lñi x	3 J, T
Batch 24B0477 - EPA 5030C						Water						
v)anl :24v 0477-v LQ1y		Pc, t Nñ, o: f mñb0/n0 fF:5) AaNS U o: f mñb0/n0 b1:1)										
NWTPK-Ux :/ Sy												
7 NIJ Sa, RNie, OeNñmT	3 D	---	bff	6e/L	b	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 96 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		101 %		50-150 %		"						
LCS :24v 0477-v S2y		Pc, t Nñ, o: f mñb0/n0 fF:5) AaNS U o: f mñb0/n0 bm0b										
NWTPK-Ux :/ Sy												
7 NIJ Sa, RNie, OeNñmT	5b)	---	bff	6e/L	b	5ff	---	bf l	4f - bnf9	---	---	
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 100 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		102 %		50-150 %		"						

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

At , g LNpJcñJ cñ T

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PNñ, bf Ji lf



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Report IDF

A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

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

AaNS r,	R, T6S	D, r, nrđ a Lñi x	R, t Jcrae Lñi x	. aT	Dxđrđ a	2t xW Au J6ar	2J6a, R, T6S	9 REC	9 REC Lñi xT	RPD	RPD Lñi x	3 J, T
Batch 24B0539 - EPA 5030C						Water						
v)anl :24v 0539-v LQ1y			Pc, t Nñ, o: fñb5/n0 bm14 AaNS U o: fñb5/n0 b5:14									
NWTPK-Ux :/ Sy												
7 Nñ Sa, RNie, OeNñmT	3 D	---	bff	6e/L	b	---	---	---	---	---	---	---
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 98 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		103 %		50-150 %		"						
LCS :24v 0539-v S2y			Pc, t Nñ, o: fñb5/n0 bm14 AaNS U o: fñb5/n0 b5:bf									
NWTPK-Ux :/ Sy												
7 Nñ Sa, RNie, OeNñmT	055	---	bff	6e/L	b	5ff	---	Fb	4f - bnf9	---	---	---
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 99 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		102 %		50-150 %		"						

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

At, g LNpJcñJ cñ T

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NñJ a s JJ onJ nWpCJk nr j NñÑ, c

PNñ, bb Ji 1f



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

Pv S Engineering and Enniron(enta):Eugenev

3500 Chad Dr. Suite 100

Eugene, OR 97408

PcJk nr: venton CountMCrisis Center

PcJk nr 3 6u p, c: 52774.100

PcJk nr j NãÑ, c: NiH Thornton

Report IDF

A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

Volatile Organic Compounds by EPA 8260D

AaNS r,	R, T6S	D, r, nrJ a LxU x	R, t J cæe LxU x	. aæT	DxSæJ a	2t xW Au J 6ar	2J 6æ, R, T6S	9 REC	9 REC LxU xT	RPD	RPD LxU x	3 Jæ, T
Batch 24B0477 - EPA 5030C						Water						
v) anl :24v 0477-v LQ1y			Pc, t Næ, o: fm/b0/n0 fF:5)			AaNS U o: fm/b0/n0 b1:1)						
EPA 8260D												
An, rJ a,	3 D	---	nf lf	6e/L	b	---	---	---	---	---	---	---
And S ææS	3 D	---	nf lf	6e/L	b	---	---	---	---	---	---	---
B, aU a,	3 D	---	f lf f	6e/L	b	---	---	---	---	---	---	---
BcJ u Jp, aU a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	---
BcJ u JnyS cJ u , ryNã,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
BcJ u JonyS cJ u , ryNã,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
BcJ u Jijæu	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
BcJ u Ju , ryNã,	3 D	---	5 lf f	6e/L	b	---	---	---	---	---	---	---
næB6rNãJ a, G EK(	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
a-B6rl \$p, aU a,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
T, n-B6rl \$p, aU a,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
r, æ-B6rl \$p, aU a,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
CNpJ a oxl6Sæ,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
CNpJ a r, reNnyS ææ,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
CyS cJ p, aU a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	---
CyS cJ , ryNã,	3 D	---	5 lf f	6e/L	b	---	---	---	---	---	---	---
CyS cJ ijæu	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
CyS cJ u , ryNã,	3 D	---	5 lf f	6e/L	b	---	---	---	---	---	---	---
næCyS cJ rJ Sæ, a,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
0-CyS cJ rJ Sæ, a,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
DæpæJ u JnyS cJ u , ryNã,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
bdaæDæpæJ u J-1-nyS cJ t cJ t Nã,	3 D	---	5 lf f	6e/L	b	---	---	---	---	---	---	---
bdaæDæpæJ u J, ryNã, æEDB(	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	---
DæpæJ u Ju , ryNã,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
bdaæDænyS cJ p, aU a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	---
bæD-DænyS cJ p, aU a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	---
bæD-DænyS cJ p, aU a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	---
DænyS cJ oxl6SæJæu , ryNã,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
bæD-DænyS cJ , ryNã,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	---
bdaæDænyS cJ , ryNã, æEDC(	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	---
bæD-DænyS cJ , ry, a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	---
næT-bdaæDænyS cJ , ry, a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	---
reNãT-bdaæDænyS cJ , ry, a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	---

At , g LNpJæNæJ ææ T

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PcJk nr 3 6u p, c: 52774.100

PcJk nr j NãÑ, c: NiH Thornton

Report IDF

A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

Volatile Organic Compounds by EPA 8260D

AaNS r,	R, T6S	D, r, nrJ a LxI x	R, t J cxae LxI x	. aT	DxSxJ a	2t xW Au J 6ar	2J 6cn, R, T6S	9 REC	9 REC LxI xT	RPD	RPD LxI x	3 J, T
Batch 24B0477 - EPA 5030C						Water						
v) anl :24v 0477-v LQ1y		Pc, t N, o: fmb0/n0 fF:5)		AaNS U o: fmb0/n0 b1:1)								
bdaDnyS clt clt Na,	3 D	---	f15ff	6e/L	b	---	---	---	---	---	---	---
bdl-DnyS clt clt Na,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
ndaDnyS clt clt Na,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
bcb-DnyS clt clt , a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
nxT-bdl-DnyS clt clt , a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
rcNaT-bdl-DnyS clt clt , a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
Eryl \$, aU a,	3 D	---	f15ff	6e/L	b	---	---	---	---	---	---	---
H, gNnyS cl p6rNbx a,	3 D	---	51ff	6e/L	b	---	---	---	---	---	---	---
naH, gNaJa,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
IJt clt l \$, aU a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
0-IJt clt l SJ \$, a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
j , ryl \$ a, nyS co,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
0-j , ryl Smt, arNaJa, G xBK(	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
j , ryl Sr, a-p6rl S, ry, cG zBE(	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
3 N yryN \$ a,	3 D	---	51ff	6e/L	b	---	---	---	---	---	---	---
a-Pclt l \$, aU a,	3 D	---	f15ff	6e/L	b	---	---	---	---	---	---	---
2rl c, a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
bcbcbaz, rcNnyS cl, ryNa,	3 D	---	f10ff	6e/L	b	---	---	---	---	---	---	---
bcbcbaz, rcNnyS cl, ryNa,	3 D	---	f15ff	6e/L	b	---	---	---	---	---	---	---
z, rcNnyS cl, ry, a, GPCE(	3 D	---	f10ff	6e/L	b	---	---	---	---	---	---	---
zJ \$, a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
bdtl-z cnyS cl p, aU a,	3 D	---	n1ff	6e/L	b	---	---	---	---	---	---	---
bdtl-z cnyS cl p, aU a,	3 D	---	n1ff	6e/L	b	---	---	---	---	---	---	---
bcbcb-z cnyS cl, ryNa,	3 D	---	f10ff	6e/L	b	---	---	---	---	---	---	---
bcbcbaz cnyS cl, ryNa,	3 D	---	f15ff	6e/L	b	---	---	---	---	---	---	---
z cnyS cl, ry, a, GCE(	3 D	---	f10ff	6e/L	b	---	---	---	---	---	---	---
z cnyS cl i \$J cl u, ryNa,	3 D	---	n1ff	6e/L	b	---	---	---	---	---	---	---
bdtl-z cnyS clt clt Na,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
bdtl-z cu, ryl \$, aU a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
bdl f-z cu, ryl \$, aU a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
Vxal SnyS co,	3 D	---	f1mf	6e/L	b	---	---	---	---	---	---	---
u d-%d \$ a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
J-%d \$ a,	3 D	---	f15ff	6e/L	b	---	---	---	---	---	---	---
Surr: 1,4-Difluorobenzene (Surr) Recovery: 102 % Limits: 80-120 % Dilution: 1x												

At, g LNpJ cNj cX T

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3500 Chad Dr. Suite 100

PcJk nr 3 6u p, c: 52774.100

Report IDF

Eugene, OR 97408

PcJk nr j NãÑ, c: NiH Thornton

A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

Volatile Organic Compounds by EPA 8260D

AaNS r,	R, T6S	D, r, nrJ a LxI x	R, t Jcrae LxI x	. aT	DxSrd a	2t xW Au J6ar	2J6a, R, T6S	9 REC LxI xT	9 REC RPD	RPD LxI x	3 J, T
Batch 24B0477 - EPA 5030C						Water					
v)anl :24v 0477-v LQ1y						Pc, t N, o: fmb0/n0 fF:5) AaNS U o: fmb0/n0 b1:1)					
Surr: Toluene-d8 (Surr)						Recovery: 101 % Limits: 80-120 % Dilution: 1x					
4-Bromofluorobenzene (Surr)						101 % 80-120 % "					
LCS :24v 0477-v S1y						Pc, t N, o: fmb0/n0 fF:5) AaNS U o: fmb0/n0 bb:0m					
EPA 8260D											
An, rJa,	14f0	---	nfIf	6e/L	b	0fIf	---	F)	4f - bnf9	---	---
And SarcS	nbIm	---	nfIf	6e/L	b	nfIf	---	bf)	4f - bnf9	---	---
B, aU a,	nfIm	---	fIf f	6e/L	b	nfIf	---	bfb	4f - bnf9	---	---
BcJu Jp, aU a,	nfIb	---	fIf f	6e/L	b	nfIf	---	bff	4f - bnf9	---	---
BcJu JnyScJu , ryNã,	nfI8	---	blf f	6e/L	b	nfIf	---	bf0	4f - bnf9	---	---
BcJu JonyScJu , ryNã,	b4I4	---	blf f	6e/L	b	nfIf	---	F0	4f - bnf9	---	---
BcJu Jijcu	b)I0	---	blf f	6e/L	b	nfIf	---	4m	4f - bnf9	---	---
BcJu Ju , ryNã,	nbI8	---	5If f	6e/L	b	nfIf	---	bf4	4f - bnf9	---	---
nãB6rNãJa, G EK(	0bI0	---	bfIf	6e/L	b	0fIf	---	bf1	4f - bnf9	---	---
a-B6rI \$p, aU a,	mfI	---	blf f	6e/L	b	nfIf	---	bbb	4f - bnf9	---	---
T, n-B6rI \$p, aU a,	mfI	---	blf f	6e/L	b	nfIf	---	bbf	4f - bnf9	---	---
r, a-B6rI \$p, aU a,	nbIf	---	blf f	6e/L	b	nfIf	---	bf5	4f - bnf9	---	---
CNpJa oxI6Sxo,	b4Ib	---	bfIf	6e/L	b	nfIf	---	Fb	4f - bnf9	---	---
CNpJa r, reNiySco,	bFlm	---	blf f	6e/L	b	nfIf	---	F)	4f - bnf9	---	---
CyScIp, aU a,	nfIf	---	fIf f	6e/L	b	nfIf	---	bff	4f - bnf9	---	---
CyScI, ryNã,	b8I)	---	5If f	6e/L	b	nfIf	---	44	4f - bnf9	---	ICV-fb
CyScIjIcu	nbIb	---	blf f	6e/L	b	nfIf	---	bf5	4f - bnf9	---	---
CyScJu , ryNã,	bF0	---	5If f	6e/L	b	nfIf	---	F8	4f - bnf9	---	---
nãCyScIjI\$S, a,	nfI8	---	blf f	6e/L	b	nfIf	---	bf1	4f - bnf9	---	---
0-CyScIjI\$S, a,	nfI0	---	blf f	6e/L	b	nfIf	---	bfm	4f - bnf9	---	---
DxpCJu JnyScJu , ryNã,	b4If	---	blf f	6e/L	b	nfIf	---	Ff	4f - bnf9	---	---
bdaDxpCJu J-1-nyScIt cIt Nã,	b8I4	---	5If f	6e/L	b	nfIf	---	4F	4f - bnf9	---	---
bdaDxpCJu J, ryNã, CEDB(	nbI5	---	fIf f	6e/L	b	nfIf	---	bf4	4f - bnf9	---	---
DxpCJu Ju , ryNã,	nfI)	---	blf f	6e/L	b	nfIf	---	bf1	4f - bnf9	---	---
bdaDxyScIp, aU a,	nbIm	---	fIf f	6e/L	b	nfIf	---	bf)	4f - bnf9	---	---
bdl-DxyScIp, aU a,	nfI)	---	fIf f	6e/L	b	nfIf	---	bf1	4f - bnf9	---	---
bdl-DxyScIp, aU a,	bFl)	---	fIf f	6e/L	b	nfIf	---	F4	4f - bnf9	---	---
DxyScIoxI6Jcu , ryNã,	mfIf	---	blf f	6e/L	b	nfIf	---	bb5	4f - bnf9	---	---
bdb-DxyScI, ryNã,	nfI8	---	fI0f f	6e/L	b	nfIf	---	bf0	4f - bnf9	---	---

At , g LNpJcNj cX T

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A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

Volatile Organic Compounds by EPA 8260D

AaNS r,	R, T6S	D, r, nrJ a LxU x	R, t J cræe LxU x	. aT	DxSxJ a	2t xW Au J 6ar	2J 6an, R, T6S	9 REC LxU xT	9 REC RPD	RPD LxU x	3 J, T
Batch 24B0477 - EPA 5030C						Water					
LCS :24v 0477-v S1y		Pc, t Nã, o: fmb0/n0 fF:5)		AaNS U o: fmb0/n0 bb:0m							
bdaDnyS cl, ryNa, GEDC(	nf18	---	f10ff	6e/L	b	nf1f	---	bf0	4f - bnf9	---	---
bcbDnyS cl, ry, a,	nb18	---	f10ff	6e/L	b	nf1f	---	bfF	4f - bnf9	---	---
nxT-bdaDnyS cl, ry, a,	nf1h	---	f10ff	6e/L	b	nf1f	---	bf1	4f - bnf9	---	---
rcNaT-bdaDnyS cl, ry, a,	nf1f	---	f10ff	6e/L	b	nf1f	---	bf1	4f - bnf9	---	---
bdaDnyS cl t cl t Na,	nf10	---	f1f5f	6e/L	b	nf1f	---	bfm	4f - bnf9	---	---
bclDnyS cl t cl t Na,	nb1f	---	b1ff	6e/L	b	nf1f	---	bf5	4f - bnf9	---	---
ndaDnyS cl t cl t Na,	nf1h	---	b1ff	6e/L	b	nf1f	---	bf0	4f - bnf9	---	---
bcbDnyS cl t cl t, a,	nb18	---	b1ff	6e/L	b	nf1f	---	bf4	4f - bnf9	---	---
nxT-bclDnyS cl t cl t, a,	b41h	---	b1ff	6e/L	b	nf1f	---	F0	4f - bnf9	---	---
rcNaT-bclDnyS cl t cl t, a,	b41m	---	b1ff	6e/L	b	nf1f	---	Fb	4f - bnf9	---	---
Eryl \$, aU a,	nb1m	---	f1f5f	6e/L	b	nf1f	---	bf)	4f - bnf9	---	---
H, gNhyS cl p6rNõx a,	nb1f	---	51ff	6e/L	b	nf1f	---	bf4	4f - bnf9	---	---
naH, gNaJa,	Of10	---	bf1f	6e/L	b	Of1f	---	bfb	4f - bnf9	---	---
IJ t cl t l \$, aU a,	mb1b	---	b1ff	6e/L	b	nf1f	---	bbf	4f - bnf9	---	---
0-IJ t cl t l SJ \$, a,	nb1h	---	b1ff	6e/L	b	nf1f	---	bf4	4f - bnf9	---	---
j , ryl \$ a, nyS eo,	bF1h	---	bf1f	6e/L	b	nf1f	---	FF	4f - bnf9	---	---
0-j , ryl Smt, arNaJa, G xBK(	Ob1b	---	bf1f	6e/L	b	Of1f	---	bf1	4f - bnf9	---	---
j , ryl Sr, a-p6rl S, ry, cG z BE(	bF1b	---	b1ff	6e/L	b	nf1f	---	F5	4f - bnf9	---	---
3 N yryN \$ a,	bF1m	---	51ff	6e/L	b	nf1f	---	F)	4f - bnf9	---	---
a-Pcl t l \$, aU a,	nb1m	---	f1f5f	6e/L	b	nf1f	---	bf)	4f - bnf9	---	---
2rl c, a,	nb1f	---	b1ff	6e/L	b	nf1f	---	bf4	4f - bnf9	---	---
bcbdaaz, rcNhyS cl, ryNa,	bF1m	---	f10ff	6e/L	b	nf1f	---	F)	4f - bnf9	---	---
bcbdaaz, rcNhyS cl, ryNa,	nb1m	---	f1f5f	6e/L	b	nf1f	---	bf)	4f - bnf9	---	---
z, rcNhyS cl, ry, a, GPE(	nb1h	---	f10ff	6e/L	b	nf1f	---	bf8	4f - bnf9	---	---
zJ \$, a,	bF10	---	b1ff	6e/L	b	nf1f	---	F8	4f - bnf9	---	---
bdaD-z cnyS cl p, aU a,	mb1f	---	n1ff	6e/L	b	nf1f	---	bbf	4f - bnf9	---	---
bdaD-z cnyS cl p, aU a,	mb1m	---	n1ff	6e/L	b	nf1f	---	bbb	4f - bnf9	---	---
bcbda-z cnyS cl, ryNa,	nb1f	---	f10ff	6e/L	b	nf1f	---	bf4	4f - bnf9	---	---
bcbdaaz cnyS cl, ryNa,	nf1f	---	f1f5f	6e/L	b	nf1f	---	bf1	4f - bnf9	---	---
z cnyS cl, ry, a, G CE(	nb1b	---	f10ff	6e/L	b	nf1f	---	bf)	4f - bnf9	---	---
z cnyS cl i \$ Jcl u, ryNa,	n010	---	n1ff	6e/L	b	nf1f	---	122	80 - 120H	---	X-5)
bdaD-z cnyS cl t cl t Na,	nb1m	---	b1ff	6e/L	b	nf1f	---	bf)	4f - bnf9	---	---
bdaD-z cu, ryl \$, aU a,	nb1m	---	b1ff	6e/L	b	nf1f	---	bf)	4f - bnf9	---	---
bdaD-z cu, ryl \$, aU a,	nb1h	---	b1ff	6e/L	b	nf1f	---	bf4	4f - bnf9	---	---

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ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

PvS Engineering and Enniron(enta):Eugenev

3500 Chad Dr. Suite 100

Eugene, OR 97408

PcJk nr: yenton CountMCrisis Center

PcJk nr 3 6u p, c: 52774.100

PcJk nr j NñÑ, c: NiH Thornton

Report IDF

A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

Volatile Organic Compounds by EPA 8260D

AaNS r,	R, T6S	D, r, nrđ a Lñi x	R, t Jcæe Lñi x	. aT	Dx6rđ a	2t xW Au J6ar	2J6a, R, T6S	9 REC	9 REC Lñi xT	RPD	RPD Lñi x	3 J, T
Batch 24B0477 - EPA 5030C						Water						
LCS :24v 0477-v S1y		Pc, t Nc o: fmb0/n0 fF:5)		AaNS U o: fmb0/n0 bb:0m								
Vxal SnySæo,	nblm	---	f lmf f	6e/L	b	nflf	---	bf)	4f - bnf9	---	---	
u d-%d S a,	Obhl	---	blf f	6e/L	b	Ofhf	---	bf l	4f - bnf9	---	---	
J-%d S a,	nflh	---	flf f	6e/L	b	nflf	---	bf0	4f - bnf9	---	---	
Surr: 1,4-Difluorobenzene (Surr)		Recovery: 101 %		Limits: 80-120 %		Dilution: 1x						
Toluene-d8 (Surr)		99 %		80-120 %		"						
4-Bromofluorobenzene (Surr)		98 %		80-120 %		"						

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

At, g LNpJcNj cT

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NñJ a s J J on J n W P c J k nr j NñÑ, c

PNc, b) Ji lf



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PcJk nr 3 6u p, c: 52774.100

PcJk nr j NãÑ, c: NiH Thornton

Report IDF

A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

Volatile Organic Compounds by EPA 8260D

AaNS r,	R, T6S	D, r, nrJ a LxL x	R, t J cœae LxL x	. aT	DxSœJ a	2t xW Au J 6ar	2J 6œ, R, T6S	9 REC	9 REC LxL xT	RPD	RPD LxL x	3 J r, T
Batch 24B0539 - EPA 5030C						Water						
v) anl :24v 0539-v LQ1y			Pc, t N, o: fmb5/n0 bm14			AaNS U o: fmb5/n0 b5:14						
EPA 8260D												
An, rJ a,	3 D	---	nf lf	6e/L	b	---	---	---	---	---	---	
And S axœS	3 D	---	nf lf	6e/L	b	---	---	---	---	---	---	
B, aU a,	3 D	---	f lf f	6e/L	b	---	---	---	---	---	---	
BœJ u J p, aU a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	
BœJ u J nyS œJ u , ryNã,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
BœJ u J onyS œJ u , ryNã,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
BœJ u J iJ œu	3 D	---	nf lf	6e/L	b	---	---	---	---	---	---	
BœJ u J u , ryNã,	3 D	---	5 lf f	6e/L	b	---	---	---	---	---	---	
nãBœrNãJ a, G EK(	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
a-Bœrl \$, aU a,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
T, n-Bœrl \$, aU a,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
r, œ-Bœrl \$, aU a,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
CNpJ a œxl6Sœ,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
CNpJ a r, rœNiyS œœ,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
CyS œJ p, aU a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	
CyS œJ , ryNã,	3 D	---	5 lf f	6e/L	b	---	---	---	---	---	---	
CyS œJ iJ œu	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
CyS œJ u , ryNã,	3 D	---	5 lf f	6e/L	b	---	---	---	---	---	---	
nãCyS œJ rJ S, a,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
0-CyS œJ rJ S, a,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
DœpœJ u J nyS œJ u , ryNã,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
bœãDœpœJ u J -1-nyS œJ t œJ t Nã,	3 D	---	5 lf f	6e/L	b	---	---	---	---	---	---	
bœãDœpœJ u J , ryNã, œEDB(	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	
DœpœJ u J u , ryNã,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
bœãDœnyS œJ p, aU a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	
bœD-DœnyS œJ p, aU a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	
bœD-DœnyS œJ p, aU a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	
DœnyS œJ œxl6SœJ œJ u , ryNã,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
bœD-DœnyS œJ , ryNã,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	
bœãDœnyS œJ , ryNã, œEDC(	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	
bœD-DœnyS œJ , ry, a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	
nœT-bœãDœnyS œJ , ry, a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	
rœNãT-bœãDœnyS œJ , ry, a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	

At , g LNpJ œNJ œx T

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Eugene, OR 97408

PcJk nr: venton CountMCrisis Center

PcJk nr 3 6u p, c: 52774.100

PcJk nr j NãÑ, c: NiH Thornton

Report IDF

A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

Volatile Organic Compounds by EPA 8260D

AaNS r,	R, T6S	D, r, nrJ a LxI x	R, t Jcxæ LxI x	. aT	DxSxJ a	Au J 6ar	2J 6cn, R, T6S	9 REC	9 REC LxI xT	RPD	RPD LxI x	3 J r, T
Batch 24B0539 - EPA 5030C						Water						
v) anl :24v 0539-v LQ1y		Pc, t Nc, o: fmb5/n0 bm14		AaNS U o: fmb5/n0 b5:14								
bda-DnyS clt clt Na,	3 D	---	f15ff	6e/L	b	---	---	---	---	---	---	
bdl-DnyS clt clt Na,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	
nda-DnyS clt clt Na,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	
bcb-DnyS clt clt , a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	
nxT-bdl-DnyS clt clt , a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	
rcNaT-bdl-DnyS clt clt , a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	
Eryl Sp, aU a,	3 D	---	f15ff	6e/L	b	---	---	---	---	---	---	
H, gNnyS cl p6rNbx a,	3 D	---	51ff	6e/L	b	---	---	---	---	---	---	
naH, gNaJa,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	
ITJt clt l Sp, aU a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	
0-ITJt clt l SJ S, a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	
j , ryl S a, nyS co,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	
0-j , ryl Smt , arNaJa, G xBK(	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	
j , ryl Sr, a-p6rl S, ry, cG z BE(	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	
3 N yryNS a,	3 D	---	51ff	6e/L	b	---	---	---	---	---	---	
a-Pclt l Sp, aU a,	3 D	---	f15ff	6e/L	b	---	---	---	---	---	---	
2rl c, a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	
bcbcbaz, rcNnyS cl, ryNa,	3 D	---	f10ff	6e/L	b	---	---	---	---	---	---	
bcbcbaz, rcNnyS cl, ryNa,	3 D	---	f15ff	6e/L	b	---	---	---	---	---	---	
z, rcNnyS cl, ry, a, GPCE(	3 D	---	f10ff	6e/L	b	---	---	---	---	---	---	
zJS, a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	
bdtl-z cnyS cl p, aU a,	3 D	---	n1ff	6e/L	b	---	---	---	---	---	---	
bdtl-z cnyS cl p, aU a,	3 D	---	n1ff	6e/L	b	---	---	---	---	---	---	
bcbcb-z cnyS cl, ryNa,	3 D	---	f10ff	6e/L	b	---	---	---	---	---	---	
bcbcbaz cnyS cl, ryNa,	3 D	---	f15ff	6e/L	b	---	---	---	---	---	---	
z cnyS cl, ry, a, GCE(	3 D	---	f10ff	6e/L	b	---	---	---	---	---	---	
z cnyS cl iS J cl u , ryNa,	3 D	---	n1ff	6e/L	b	---	---	---	---	---	---	
bdtl-z cnyS clt clt Na,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	
bdtl-z cu , ryl Sp, aU a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	
bdl d-z cu , ryl Sp, aU a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	
Vxal SnyS co,	3 D	---	f15ff	6e/L	b	---	---	---	---	---	---	
u d-%d S a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	
J-%d S a,	3 D	---	f15ff	6e/L	b	---	---	---	---	---	---	

Surr: 1,4-Difluorobenzene (Surr)

Recovery: 103 %

Limits: 80-120 %

Dilution: 1x

At, g LNpJcNj cx T

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PcJk nr 3 6u p, c: 52774.100

Report IDF

Eugene, OR 97408

PcJk nr j NãÑ, c: NiH Thornton

A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

Volatile Organic Compounds by EPA 8260D

AaNS r,	R, T6S	D, r, nrJ a LxI x	R, t J cæe LxI x	. aT	DxSrd a	2t xW Au J 6ar	2J 6æ, R, T6S	9 REC LxI xT	9 REC RPD	RPD LxI x	3 J, T
---------	--------	----------------------	---------------------	------	---------	-------------------	------------------	-----------------	--------------	--------------	--------

Batch 24B0539 - EPA 5030C

Water

v)anl :24v 0539-v LQ1y

Pc, t N, o: fmb5/n0 bm14 AaNS U o: fmb5/n0 b5:14

Surr: Toluene-d8 (Surr)

Recovery: 101 %

Limits: 80-120 %

Dilution: 1x

4-Bromofluorobenzene (Surr)

99 %

80-120 %

"

LCS :24v 0539-v S1y

Pc, t N, o: fmb5/n0 bm14 AaNS U o: fmb5/n0 b0:b)

EPA 8260D

An, rJa,	14hm	---	nfIf	6e/L	b	OfIf	---	F)	4f - bnf9	---	---
And SææS	nbIf	---	nfIf	6e/L	b	nfIf	---	bf5	4f - bnf9	---	---
B, aU a,	bFlh	---	fIf f	6e/L	b	nfIf	---	F4	4f - bnf9	---	---
BcJu Jp, aU a,	b4f0	---	fIf f f	6e/L	b	nfIf	---	Fm	4f - bnf9	---	---
BcJu JnyScl u, ryNã,	nfIf	---	bIf f	6e/L	b	nfIf	---	bf1	4f - bnf9	---	---
BcJu JonyScl u, ryNã,	b8f4	---	bIf f	6e/L	b	nfIf	---	4F	4f - bnf9	---	---
BcJu Jijcu	b5hl	---	nfIf	6e/L	b	nfIf	---	76	80 - 120H	---	---
BcJu Ju, ryNã,	nbhl	---	5If f	6e/L	b	nfIf	---	bf8	4f - bnf9	---	---
nãB6rNãJa, G EK(	0bhm	---	bIf f	6e/L	b	OfIf	---	bf1	4f - bnf9	---	---
a-B6rl S, aU a,	nfIf	---	bIf f	6e/L	b	nfIf	---	bfm	4f - bnf9	---	---
T, n-B6rl S, aU a,	nfIf	---	bIf f	6e/L	b	nfIf	---	bfm	4f - bnf9	---	---
r, æ-B6rl S, aU a,	bFlb	---	bIf f	6e/L	b	nfIf	---	F)	4f - bnf9	---	---
CNpJa oxl6Sæ,	b) lb	---	bIf f	6e/L	b	nfIf	---	4f	4f - bnf9	---	---
CNpJa r, ræNySæo,	b8f6	---	bIf f	6e/L	b	nfIf	---	44	4f - bnf9	---	---
CyScl p, aU a,	bFlh	---	fIf f f	6e/L	b	nfIf	---	F8	4f - bnf9	---	---
CyScl, ryNã,	b4f6	---	5If f	6e/L	b	nfIf	---	F1	4f - bnf9	---	---
CyScl iJcu	nfIm	---	bIf f	6e/L	b	nfIf	---	bfb	4f - bnf9	---	---
CyScl u, ryNã,	b4f4	---	5If f	6e/L	b	nfIf	---	F0	4f - bnf9	---	---
nãCyScl rJ S, a,	bFlf	---	bIf f	6e/L	b	nfIf	---	F5	4f - bnf9	---	---
0-CyScl rJ S, a,	bFlf	---	bIf f	6e/L	b	nfIf	---	F5	4f - bnf9	---	---
Dæpcl u JnyScl u, ryNã,	b) f8	---	bIf f	6e/L	b	nfIf	---	40	4f - bnf9	---	---
bdaDæpcl u J-1-nyScl t cl t Nã,	b) hm	---	5If f	6e/L	b	nfIf	---	4b	4f - bnf9	---	---
bdaDæpcl u J, ryNã, CæDB(	nfI0	---	fIf f f	6e/L	b	nfIf	---	bfm	4f - bnf9	---	---
Dæpcl u Ju, ryNã,	nfIb	---	bIf f	6e/L	b	nfIf	---	bfb	4f - bnf9	---	---
bdaDænyScl p, aU a,	bFlf	---	fIf f f	6e/L	b	nfIf	---	FF	4f - bnf9	---	---
bcl-DænyScl p, aU a,	bFl0	---	fIf f f	6e/L	b	nfIf	---	F8	4f - bnf9	---	---
bcl-DænyScl p, aU a,	b4fj	---	fIf f f	6e/L	b	nfIf	---	F1	4f - bnf9	---	---
DænyScl oxl6Scl u, ryNã,	nbIf	---	bIf f	6e/L	b	nfIf	---	bf4	4f - bnf9	---	---
bcl-DænyScl, ryNã,	bFlf	---	fI0f f	6e/L	b	nfIf	---	bff	4f - bnf9	---	---

At, g LNpJ cNj cæ T

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A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

Volatile Organic Compounds by EPA 8260D

AaNS r,	R, T6S	D, r, nrJ a Lxi x	R, t J cræe Lxi x	. arT	DxSrd a	2t xW Au J 6ar	2J 6an, R, T6S	9 REC Lxi xT	9 REC RPD	RPD Lxi x	3 J, T
Batch 24B0539 - EPA 5030C						Water					
LCS :24v 0539-v S1y		Pc, t Nã, o: fmb5/n0 bm14		AaNS U o: fmb5/n0 b0:b)							
bdaDnyS cl, ryNa, GEDC(	nf h)	---	f10ff	6e/L	b	nf lf	---	bf l	4f - bnf9	---	---
bcbDnyS cl, ry, a,	nf lm	---	f10ff	6e/L	b	nf lf	---	bf b	4f - bnf9	---	---
nxT-bdaDnyS cl, ry, a,	bFlh	---	f10ff	6e/L	b	nf lf	---	FF	4f - bnf9	---	---
rcNaT-bdaDnyS cl, ry, a,	bFlh	---	f10ff	6e/L	b	nf lf	---	F8	4f - bnf9	---	---
bdaDnyS cl t cl t Na,	bFlh	---	f15ff	6e/L	b	nf lf	---	F4	4f - bnf9	---	---
bclDnyS cl t cl t Na,	nf hl	---	b1ff	6e/L	b	nf lf	---	bf b	4f - bnf9	---	---
ndaDnyS cl t cl t Na,	b) lb	---	b1ff	6e/L	b	nf lf	---	4f	4f - bnf9	---	---
bcbDnyS cl t cl t, a,	nf h)	---	b1ff	6e/L	b	nf lf	---	bf l	4f - bnf9	---	---
nxT-bclDnyS cl t cl t, a,	b) h)	---	b1ff	6e/L	b	nf lf	---	4l	4f - bnf9	---	---
rcNaT-bclDnyS cl t cl t, a,	b5fF	---	b1ff	6e/L	b	nf lf	---	4f	4f - bnf9	---	---
Eryl \$, aU a,	nf lf	---	f15ff	6e/L	b	nf lf	---	bf f	4f - bnf9	---	---
H, gNhyS cl p6rNõx a,	bFlh	---	5lff	6e/L	b	nf lf	---	F8	4f - bnf9	---	---
naH, gNaJa,	18f0	---	bf lf	6e/L	b	Of lf	---	F0	4f - bnf9	---	---
IJt cl t l \$, aU a,	nf l5	---	b1ff	6e/L	b	nf lf	---	bf m	4f - bnf9	---	---
0-IJt cl t l SJ\$ a,	bFlh	---	b1ff	6e/L	b	nf lf	---	FF	4f - bnf9	---	---
j , ryl \$ a, nyS eo,	bFlh	---	bf lf	6e/L	b	nf lf	---	F8	4f - bnf9	---	---
0-j , ryl Smt, arNaJa, G xBK(	lFlm	---	bf lf	6e/L	b	Of lf	---	F4	4f - bnf9	---	---
j , ryl Sr, a-p6rl S, ry, cG zBE(	b) h)	---	b1ff	6e/L	b	nf lf	---	4l	4f - bnf9	---	---
3 N yryN\$ a,	b8h)	---	5lff	6e/L	b	nf lf	---	44	4f - bnf9	---	---
a-Pcl t l \$, aU a,	bFl8	---	f15ff	6e/L	b	nf lf	---	F4	4f - bnf9	---	---
2rl c, a,	nf lm	---	b1ff	6e/L	b	nf lf	---	bf b	4f - bnf9	---	---
bcbdaaz, rcNhyS cl, ryNa,	b8h4	---	f10ff	6e/L	b	nf lf	---	4F	4f - bnf9	---	---
bcbdaaz, rcNhyS cl, ryNa,	nf l0	---	f15ff	6e/L	b	nf lf	---	bf m	4f - bnf9	---	---
z, rcNhyS cl, ry, a, GPE(	bFlm	---	f10ff	6e/L	b	nf lf	---	F)	4f - bnf9	---	---
zJ\$ a,	b4f0	---	b1ff	6e/L	b	nf lf	---	Fm	4f - bnf9	---	---
bdaul-z cnyS cl p, aU a,	nf l5	---	nff f	6e/L	b	nf lf	---	bf m	4f - bnf9	---	---
bdaul-z cnyS cl p, aU a,	bFlh	---	nff f	6e/L	b	nf lf	---	FF	4f - bnf9	---	---
bcbda-z cnyS cl, ryNa,	bFlh	---	f10ff	6e/L	b	nf lf	---	FF	4f - bnf9	---	---
bcbdaaz cnyS cl, ryNa,	bFlF	---	f15ff	6e/L	b	nf lf	---	FF	4f - bnf9	---	---
z cnyS cl, ry, a, GCE(	bFlF	---	f10ff	6e/L	b	nf lf	---	FF	4f - bnf9	---	---
z cnyS cl i\$Jcl u, ryNa,	n5hl	---	nff f	6e/L	b	nf lf	---	126	80 - 120H	---	X-5)
bdaul-z cnyS cl t cl t Na,	nf lF	---	b1ff	6e/L	b	nf lf	---	bf0	4f - bnf9	---	---
bdaul-z cu, ryl \$, aU a,	bFlh	---	b1ff	6e/L	b	nf lf	---	FF	4f - bnf9	---	---
bcl d-z cu, ryl \$, aU a,	nf lb	---	b1ff	6e/L	b	nf lf	---	bf b	4f - bnf9	---	---

At, g LNpJcNJ cX T

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PcJk nr 3 6u p, c: 52774.100

PcJk nr j NñÑ, c: NiH Thornton

Report IDF

A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

Volatile Organic Compounds by EPA 8260D

AaNS r,	R, T6S	D, r, nrđ a Lñi x	R, t Jcæe Lñi x	. aT	Dxđrđ a	2t xW Au J6ar	2J6æ, R, T6S	9 REC	9 REC Lñi xT	RPD	RPD Lñi x	3 J, T
Batch 24B0539 - EPA 5030C						Water						
LCS :24v 0539-v S1y		Pc, t Nñ, o: fmb5/n0 bm14		AaNS U o: fmb5/n0 b0:b)								
Vxal SnyS æo,	nf10	---	f lmf f	6e/L	b	nf1f	---	bf m	4f - bnf9	---	---	
u d -%d S a,	14HF	---	b1f f	6e/L	b	0f1f	---	F8	4f - bnf9	---	---	
J-%d S a,	bFhl	---	f1đf f	6e/L	b	nf1f	---	F8	4f - bnf9	---	---	
Surr: 1,4-Difluorobenzene (Surr)		Recovery: 102 %		Limits: 80-120 %		Dilution: 1x						
Toluene-d8 (Surr)		99 %		80-120 %		"						
4-Bromofluorobenzene (Surr)		95 %		80-120 %		"						

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

At, g LNpJcNj cT

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NñJ a s JJ onJ nWpCk nr j NñÑ, c

PNñ, nb Ji 1f



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A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

Polychlorinated Biphenyls by EPA 8082A

AaNS r,	R, T6S	D, r, nrJ a LxI x	R, t J cæe LxI x	. aT	DxSrd a	2t xW Au J 6ar	2J 6æ, R, T6S	9 REC	9 REC LxI xT	RPD	RPD LxI x	3 J, T
Batch 24B0485 - EPA 3510C (Neutral pH)						Water						
v) anl :24v 0485-v LQ1y						Pc, t Nè, o: fmb0/n0 bb:f8 AaNS U o: fmb5/n0 bf:nb						C-09
EPA 8082A												
AcJnScbf(b)	3 D	---	f lbf f	6e/L	b	---	---	---	---	---	---	
AcJnScbm(b)	3 D	---	f lbf f	6e/L	b	---	---	---	---	---	---	
AcJnScbnl m	3 D	---	f lbf f	6e/L	b	---	---	---	---	---	---	
AcJnScbn0m	3 D	---	f lbf f	6e/L	b	---	---	---	---	---	---	
AcJnScbn04	3 D	---	f lbf f	6e/L	b	---	---	---	---	---	---	
AcJnScbn50	3 D	---	f lbf f	6e/L	b	---	---	---	---	---	---	
AcJnScbn) f	3 D	---	f lbf f	6e/L	b	---	---	---	---	---	---	
Surr: Decachlorobiphenyl (Surr) Recovery: 61 % Limits: 40-135 % Dilution: 1x												
LCS :24v 0485-v S1y						Pc, t Nè, o: fmb0/n0 bb:f8 AaNS U o: fmb5/n0 bf:1F						C-09
EPA 8082A												
AcJnScbf(b)	bl4f	---	f lbf f	6e/L	b	nl5f	---	8m	0) - bnF9	---	---	
AcJnScbn) f	bl8)	---	f lbf f	6e/L	b	nl5f	---	8f	05 - b109	---	---	
Surr: Decachlorobiphenyl (Surr) Recovery: 79 % Limits: 40-135 % Dilution: 1x												
LCS Dup :24v 0485-v SD1y						Pc, t Nè, o: fmb0/n0 bb:f8 AaNS U o: fmb5/n0 bf:58						C-09, X-19
EPA 8082A												
AcJnScbf(b)	bl) m	---	f lbf f	6e/L	b	nl5f	---	) 5	0) - bnF9	bf	1f9	
AcJnScbn) f	bl))	---	f lbf f	6e/L	b	nl5f	---	))	05 - b109	)	1f9	
Surr: Decachlorobiphenyl (Surr) Recovery: 72 % Limits: 40-135 % Dilution: 1x												

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

At, g LNpJcNJ cX T

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NNU a s JJ onJnWPCJk nr j NàNè, c

PNè, nmJi 1f



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XVALITY CONTROL :XCySA/ PLE RESVLTS

Total Metals by EPA 6020B (ICPMS)

AaNS r,	R, T6S	D, r, nrJ a Lñi x	R, t J cñae Lñi x	. añT	DxSñrJ a	2t xW Au J 6ar	2J 6ñ, R, T6S	9 REC Lñi xT	RPD Lñi x	3 Jñ, T
Batch 24B0526 - EPA 3015A						Water				
v)anl :24v 0526-v LQ1y		Pc, t Nñ, o: fñb5/n0 bf:5) AaNS U o: fñb)/n0 f):ñb								
EPA 6020v										
L, N0	3 D	---	fñmf f	6e/L	b	---	---	---	---	---
LCS :24v 0526-v S1y		Pc, t Nñ, o: fñb5/n0 bf:5) AaNS U o: fñb)/n0 f):ñ8								
EPA 6020v										
L, N0	) 0HF	---	fñmf f	6e/L	b	55ñ	---	bb8	4f - bñf9	---

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

At, g LñpJ cññ cñ T

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Nññ a s J J on J n Wñ PcJk nr j NñÑ, c

PñÑ, mñ Jñ 1f



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PeJk nr j NàNè, c: **NiH Thornton**

Report IDF

A4v 1093 - 02 19 24 1016

XVALIc IER DEc INITIONS

Client Sa(ple and Xua)itMContro) :XCvSa(ple Xua)i%r De%itionsF

Apex Laboratories

A-01 R, T6S iJc Dx T, SCDx T, SRNè, OæNàNtDChmCnf(xTo6, rJ Jv, cS4 icJu 7 NIJ Sa, JcN7 NIJ Sa, RNè, t cl o6nrh
C-09 EgrèNhr yNt6ao, æJa, 26S6on Anxo CS Nà6t pl EPA 1)) 5A Nao QS cèfSCS Nà6t pl EPA 1) nfB xa Jco, crJ u xa u xJ u Ncèg xar, ci, c, an, h
DCNT 2Nt t S o, nNàr, o o6, rJ ry, t c, T, an, Ji T, oxu, arh2Nt t S pJrS aJr cæT, o wxy TJ Sv, arh
ICf -01 ETxu Nt, o R, T6S hIaxNNSCNSpçNà a V, cèNnNà a GCV(iNS o yæyhz y, c, xT aJ, ii, nr Ja aJ a-o, r, nr c, T6S Th
X-19 BSàW2t xW D6t SnNt, CB2D(TNt t S NàNt U o xa t Sh, Ji j Ncèg 2t xW/D6t SnNt, TNt t S To6, rJ Su x, o TNt t S Nt J6ar NNSpS iJc NàNt Tèh
X-55 DNS CCV/LC2 c, nJv, d iJc ryxTNàNt r, wNt p, S w ry, +/-nf9 ncr, cNStf, o xa EPA 4m) f dyJw, v, c ry, c, xTNb, q6N, T, aTæw xJ rJ, aT6c, o, r, nrJa N ry, c, t Jcææ Sv, Sh
X-56 DNS CCV/LC2 c, nJv, d iJc ryxTNàNt r, wNt pJv, ry, +/-nf9 ncr, cNStf, o xa EPA 4m) f
R-02 zy, R, t Jcææ Lx x iJc ryxTNàNt r, yNt p, , a cNt, o rJ NnJ6ar iJc xar, ci, c, an, icJu nJ, Sæææ JæNàNt nJu t J6aoTt c, T, ar xa ry, TNt t S h

At, g LNpJcNt cT

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NKJ a s JJ onJnWpCk nr j NàNè, c

PNè, nS Ji 1f



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REPORTINU NOTES AND CONF ENTIONSF

AbbreniationsF

DEz AaNS r, DEz ECz ED N JcNpJv, ry, o, r, nrJ a J c c, t J c x a e S u x h

3 D AaNS r, 3 Oz DEz ECz ED N JcNpJv, ry, o, r, nrJ a J c c, t J c x a e S u x h

3 R R, T6S 3 Jr R, t J c r, oh

RPD R, Sfxw, P, an, ar Dxi, c, an, h RPD TiJc j N c g 2t xWT Nio j N c g 2t xW D6t SnN, TNē, pNē, o Ja nJ an, arcNf adaJ r c, nJ v, d h

DeteBion Li(itsF Li(it o%Detebion :LODv

Lx u xT Ji D, r, nrJ a GLOD T Nē, aJ cu NS T, r N NS v, SJ i Ja, yNS ry, vNSoN, o Lx u xJ i X6N r xN J a GLOX(h

li aJ vNS, xT Skf, o G----(dry, a ry, oN NyNf aJ r p, , a, vNSN, o p, S w ry, R, t J c x a e Lx u x h

Reporting Li(itsF Li(it o%Quantitation :LOXv

VNSoN, o Lx u xT Ji X6N r xN J a GLOX T Nē, c, t J c r, o N T ry, R, t J c x a e Lx u xT Ji c NS NāN T Twy, c, ry, LOXdj RLdPXL J c CRL Nē,

c, q6, Tr, ohzy, LOX c, t c, T, arTNS v, SN JcNpJv, ry, S w t J x r J i ry, nNSp cN J a n6c v, dryN yNf p, , a vNSoN, o NnJ c x a e rJ At, g

L NpJ cN J c x T nJ u t c y, aT w, LOX t J S n x T Nio t cJ n, o6c, Th

Reporting ConventionsF

BNIK R, T6STiJc T JcSTN t S TNē, c, a, cNS c, t J c r, o Ja N b f f 9 o d w, x e y r p N x i h

zy, R, T6S BNIK T xT Skf, o iJ S w x a e ry, 6a x T Nē" o d "d" w, r" dJ c" " Q S a W o, T e a N x J a h

"od" 2N u t S c, T6STNio R, t J c x a e Lx u xT Nē, c, t J c r, o Ja N o d w, x e y r p N x i h G h h"6e/Wē o d "(

2, , P, an, ar 2J SoT T, nrJ a iJ c o, nNS T J i o d w, x e y r NāN T k i h

"w, r" 2N u t S c, T6STNio R, t J c x a e Lx u xT iJ c r y x T NāN T k i h, aJ cu NS o d w, x e y r nJ c c, n r, o d p 6 r y Nē, aJ r p, , a u J o x i x o x a r y x T n Nē, h

" " R, T6STwxyJ6r 'w, r' J c' o d ' o, T e a N x J a Nē, aJ r aJ cu NS o d w, x e y r nJ c c, n r, ohzy, T, c, T6STNē, nJ aT o, c, o 'ATR, n, x, o' h

XC SourB F

Ia nNē, Twy, c, ry, c, xT xT6iix x r T N u t S t c f v x o, o iJ c 2N u t S D6t SnN, T Nio J c j N c g 2t xW T d N L N p C J a r c l S 2N u t S D6t SnN, G C 2 D6t (u N p, NāN U o rJ o, u J a T r c N, N n 6 c N i l N i o t c, n x T J a J i ry, , g r c N r x J a p N n y h

3 Ja-CSx ar BNny XC 2N u t S T D6t SnN, T Nio j N c g 2t xW /D6t SnN, T Nē, aJ r x a n S o, o x a r y x T c, t J c h P S Nē, c, q6, Tr NQ6SSXC c, t J c r x i r y x T o N N x T c, q6x, oh

/ isB)aneous NotesF

" --- " XC c, T6STNē, aJ r N t S n N p S h Q f c, g N u t S d 9 R, nJ v, c x T iJ c B S a W T Nio D6t SnN, T d 9 RPD iJ c B S a W d B S a W 2t xW T Nio j N c g 2t xW T d, m h

" *** " . T, o rJ x a o m Nē, N t J T t p S o x i n c, t Nān l w x y ry, 2N u t S N i o 2N u t S D6t SnN, c, T6STwxy, a ry, 9 RPD xT aJ r N N S p S h I a r y x T n Nē, d , x y, c r y, 2N u t S J c r y, 2N u t S D6t SnN, y N T Nē, t J c r N p S c, T6S iJ c r y x T NāN T r, d w y x S ry, J r y, c x T 3 J a D, r, n r G D (h

v)anl sF

2r Nio N o t c N r r n, x T rJ , vNSN, ry, c, T6STiJc u B S a W X C 2N u t S T o J w a rJ N S v, S, q6N s rJ ½ ry, R, t J c x a e Lx u x C R L (h

-Q f c B S a W y x T i N S s a e p, r w, , a ½ ry, R L N i o ry, R L C M S Nē, o y x T (dry, N T J m x Nē, o T N i t S N i o X C o N N w x S S c, n, x, N 'B -f m i q6N S i x c h

-Q f c B S a W y x T N p J v, ry, R L d r y, N T J m x Nē, o T N i t S N i o X C o N N w x S S c, n, x, N 'B' q6N S i x c d t, c A t, g L N p J c N J c x T B S a W P J S n l h

Q f c i 6 c r y, c o, nNS T d t S Nē, c, q6, Tr N n J t l J i r y x T o J n 6 u , a r h

At, g L N p J c N J c x T

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NKJ a s J J o n J n W P c J k n r j NāNē, c

PNē, m J i l f



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Report IDF

A4v 1093 - 02 19 24 1016

REPORTINU NOTES AND CONF ENTIONS :Cont.yF

v)anl s :Cont.yF

2Ni t S c, T6STiSēe, o wxy N'B' Jc'B-fm q6Nsi x cNē, t Jr, anN8 pNē, o yxy xi ry, Tni t S c, T6STNē, S TTryNā r, a ru, Try, S v, SiJ6ao xa ry, pSāWiJc xaJēNān NāN T, TdJc S TTryNā ixw, ru, Try, S v, SiJ6ao xa ry, pSāWiJc JēNān NāN T, Th

'B' Nāo 'B-fm q6Nsi xNāJ aTNē, JaS N t S k o rJ Tni t S c, T6STo, r, nr, o NpJv, ry, R, t Jcxae L, v, Sh

Preparation NotesF

j .xg. o j Ncog 2Ni t S T

s Nē, c 2Ni t S T

s Nē, c Tni t S TnJ anNaxae TēaxiNāN Ni J6arTJi T, oxu, ar Nē, o, nNā, o Jc T, t Nē, o t cō c rJ, grēNrxJ adNāo JaS ry, wNē, c t JcōJ a NāN U od 6aS TTry, cwxē, oxē, nr, o pl ry, nSx arh

2JxS Nāo 2, oxu, ar 2Ni t S T

2JxS Nāo 2, oxu, ar Tni t S TnJ anNaxae TēaxiNāN Ni J6arTJi wNē, c Nē, o, nNā, o t cō c rJ, grēNrxJ adNāo JaS ry, T JSo t JcōJ a NāN U od 6aS TTry, cwxē, oxē, nr, o pl ry, nSx arh

Sa(p)ing and Presermation NotesF

C, cNā c, e6SfJ d t cēcNū Td T6ny Nf3 NāJ aN8PJ S6rNāR DxhyNē, ESu xāNāJ a 2l Tr, u G PDE2(dc, q6x, ryNē Nrxwrx T T6ny Nf Tni t S ixSēNāJ a GJc oxTJ S, o u, rN8TdJ cyJt yJ Tt yNē, dy, gNvN8 ar nycJ u xū d, ml(Nāo r, Tēae Ji TyJ c r yJ S NāN8 r, T G HdDxTJ S, o Ogl e, ad, ml(p, t, cJ cū, o xa ry, ix S G a-Br, (wxyxa N TyJ c r u, wxaoJ whla NōoxJ adTni t S u Ncog Tt xW T Nē, c, q6x, o iJ c T u, NāN8 T, Td Nāo T6iixx ar vJ S u, u 6Tr p, t cJ vxo, odNāo p xS p S Tr, Tt, nāiN XC c, q6, Tr, odxi ryxT xT c, q6x, ohA S c, e6SfJ d t, cū xT TyJ 6S p, c, vx w, o rJ, a T6c, ryNē ry, T, c, q6x, u, arT Nē, p, xae u, rh

DNN6T, cT TyJ 6S p, NvNē, Ji wxyx c, e6SfJ a Tt, cNā rJ ry, Tni t S Try, l T6pu x iJ c r, Tēahli c, Sē, o Tni t S nJ S nrxJ a Nrxwrx T Nē, aJ r N t cJ v, o iJ c Nt NrxN6Sē c, e6SfJ d t cēcNū dc, T6ST TyJ 6S p, nJ a Tō, c, o, Tixu N, ThAt, g L NpJ cN J c x TwxS q6N8i l ry, T, NāN8 r, T NnJ cōxae rJ ry, u J T Tēxae, ar c, q6x, u, arT dyJ w, v, c, c, T6ST iJ c Tni t S TryNē, iJ c aJ a-c, e6SfJ d t 6c J T, Tu N p, Nn, t rNp S h

2Ni t S TryNē yN, p, , a ixS, c o Nāo t c, T, cv, o N At, g L NpJ cN J c x Tt, c nSx ar c, q6, Tr Nē, Sē, o xa ry, t c, t NēNāJ a T, nrxJ a Ji ry, c, t J c wxy ry, oNē, Nāo ru, Ji ixSēNāJ a Sē, oh

At, g L NpJ cN J c x Tu NāNāTo, rN8 o c nJ cōT J a Tni t S c, n, x rdxan86oxae nSx ar S p, Sv, cixiNāJ adN J S c r, u t, cN6c, dTni t S t c, T, cvNāJ adyJ S u, nJ u t S Nān, Nāo ix S ixSēNāJ ahDNNxT q6N8i x o Nf a, n, TINI d Nāo ry, ShWJ i q6N8i xNāJ a xaoxNē, TnJ u t S Nān, wxy c, q6x, o t NēNū, r, cJh

At, g L NpJ cN J c x T

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ORELAP Certi%ation IDF OR100062 :Pri(arMA Breditationy
EPA IDF OR01039

ASSu , ryJoTNāo NāNē r, Tē, t J c, o i cJ u wJ cWt , ciJ cu , o Nē At , g L NpJ cNj cX T Nē, xānSō, o Ja At , g L NpJ cNj cX T ORELAP
2nJt , Ji C, cxiāNāJ adwxy ry, gn. t rJā Ji NāI NāNē r, C(Sāf, o p, S w:

Apex Laboratories

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SeBndarMA Breditations

At , g L NpJ cNj cX TNSJ u NāNāT c, nē cJ nNSNnc, oāNāJ a wxy aJ a-z 3 I TēN, TG NfyāerJ a DOE(dNf w, SNT
Jry, c TēN, Tē, nāxāNnc, oāNāJ aTaJr Sāf, o y, c, h

SubBntraB LaboratorMA Breditations

26pnJ arcNhr, o oNēNiNSJ 6rTō, Ji At , g L NpJ cNj cX T 2nJt , Ji Annc, oāNāJ ah
PŠ Nē, T , ry, 26pnJ arcNhr L NpJ cNj cX T J c iJ c i6Sō, rNāSāJ c nJ arNhr I J 6c PeJk nr j NāNē, ciJ cu J c, xāiJ cu NāJ ah

c i e) d Testing Para(eters

R, T6ST iJ c Qx Sō z, Tē, o oNēNē, t cJ vo, o pl ry, nS, ar J c T nā t S c dNāo iNSJ 6rTō, Ji At , g L NpJ cNj cX T 2nJt , Ji
Annc, oāNāJ ah

At , g L NpJ cNj cX T

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NāJ a s J J onJ nWPeJk nr j NāNē, c

PNē, nā Ji If



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

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503-718-2323

ORELAP ID: OR100062

Pv S Engineering and Enniron(enta):Eugenev

3500 Chad Dr. Suite 100

Eugene, OR 97408

Pcl k nr: venton CountMCrisis Center

Pcl k nr 3 6u p, c: 52774.100

Pcl k nr j NñÑ, c: NiH Thornton

Report IDF

A4v 1093 - 02 19 24 1016

APEX LABS COOLER RECEIPT FORM

Client: PBS Element WO#: A4 B1093

Project/Project #: Benton County Crisis Center 52774.001

Delivery Info:

Date/time received: 2/13/24 @ 17:19 By: AAW

Delivered by: Apex Client ☒ ESS ☐ FedEx ☐ UPS ☐ Radio ☐ Morgan ☐ SDS ☐ Evergreen ☐ Other

Cooler Inspection Date/time inspected: 2/13/24 @ 17:19 By: AAW

Chain of Custody included? Yes ☒ NoSigned/dated by client? Yes ☒ 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: 2/13/24 @ 18:18 By: AAW

All samples intact? Yes ☒ No Comments:Bottle labels/COCs agree? Yes ☒ No Comments:COC/container discrepancies form initiated? Yes No ☒Containers/volumes received appropriate for analysis? Yes ☒ No Comments:Do VOA vials have visible headspace? Yes No ☒ NA

Comments:

Water samples: pH checked: Yes ☒ No NA pH appropriate? Yes ☒ No NA pH ID: A23172

Comments:

Additional information:

Labeled by: AAW

Witness: AAW

Cooler Inspected by: AAW

Form Y-003 R-01

At, g LNpJ cñJ cñ T

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NñJ a s JJ onJ nWpCk nr j NñÑ, c

PNñ, If Ji If



ANALYTICAL REPORT

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Monday, February 19, 2024

Nick Thornton

PBS Engineering and Environmental (Eugene)

3500 Chad Dr. Suite 100

Eugene, OR 97408

RE: A4B1093 - Benton County Crisis Center - 52774.100

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 A4B1093, which was received by the laboratory on 2/13/2024 at 5:19:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: jwoodcock@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		
<u>Acceptable Receipt Temperature is less than, or equal to, 6 degC (not frozen), or received on ice the same day as sampling.</u>		
(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.



At, g LNpJcNJ cX T

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NRU a s JJ onJnWlPcJk nrj NtN, c

PN, b Ji lf



ANALYTICAL REPORT

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ProS Engineering and Environmentals, Eugene
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Eugene, OR 97408

Project nr: Yenton Count MCrisis Center
Project nr 360 p, c: 52774.100
Project nr j Nññ, c: Nññ Thornton

Report ID
A4v 1093 - 02 19 24 1016

ANALYTICAL REPORT c OR SA/ PLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
VST-01-CE	A4v 1093-01	Water	02/13/24 15:00	02/13/24 17:19

Attestation of Results

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Analyst: J. J. On J. N. W. P. C. K. nr j Nññ, c

PN, mJi lf



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PcJk nr 3 6u p, c: 52774.100

PcJk nr j NñÑ, c: NiH Thornton

Report IDF

A4v 1093 - 02 19 24 1016

ANALYTICAL SA/ PLE RESVLTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

AaNS r,	2Nñ t S R, T6S	D, r, nrñ a Lññ x	R, t J cræc Lññ x	. axT	DxSññ a	DN, AaNS U o	j , ryJo R, ih	3 Jr, T
UST-01-CE (A4B1093-01)				Matrix: Water		Batch: 24B0482		DCNT
Diese)	475	---	45lb	6e/L	b	f mib0/n0 nf.m#	3 s z PH-Dg LL	A-01
OxS	3 D	---	b8f	6e/L	b	f mib0/n0 nf.m#	3 s z PH-Dg LL	
Surrogate: o-Terphenyl (Surr)			Recovery: 93 %	Limits: 50-150 %	1	02/14/24 20:28	NWTPH-Dx LL	

At, g LNpJ cñJ cñ T

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NñJ a s JJ onJ nñPcJk nr j NñÑ, c

PNñ, 1 Ji 1f



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Report IDF

A4v 1093 - 02 19 24 1016

ANALYTICAL SA/ PLE RESVLTS

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

AaNS r,	2Nñ t S R, T6S	D, r, nrñ a Lññ	R, t J cræc Lññ	. aT	DxSññ a	DN, AaNS U o	j , ryJo R, ih	3 Jr, T
UST-01-CE (A4B1093-01RE1)				Matrix: Water		Batch: 24B0539		
Uasojine Range OrganiB	7630	---	bff	6e/L	b	fmb5/n0 b):1m	3 s zPH-7 g G 2(	
Surrogate: 4-Bromofluorobenzene (Sur)		Recovery:	100 %	Limits:	50-150 %	1	02/15/24 16:32	NWTPH-Gx (MS)
1,4-Difluorobenzene (Sur)			100 %		50-150 %	1	02/15/24 16:32	NWTPH-Gx (MS)

At , g LNpJcñJ cT

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NñJ a s JJ onJ nWpCJk nr j NñÑ, c

PNñ, 0 Ji 1f



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Report IDF

A4v 1093 - 02 19 24 1016

ANALYTICAL SA/ PLE RESVLTS

Volatile Organic Compounds by EPA 8260D

AaNS r,	2Nt t S R, T6S	D, r, nrã a Lxu x	R, t Jcræ Lxu x	. axT	DxSra	DN, AaNS Uo	j , ryJo R, ih	3 Jr, T
UST-01-CE (A4B1093-01RE1)				Matrix: Water		Batch: 24B0539		
An, rJa,	3 D	---	nf lf	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
And SææS	3 D	---	m) lf	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	R-fm
v enGene	1.44	---	fmbf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
Bcl u Jp, aU a,	3 D	---	f15f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
Bcl u JnyScl u , ryNã,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
Bcl u JoxyScl u , ryNã,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
Bcl u JiJau	3 D	---	mf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
Bcl u Ju , ryNã,	3 D	---	5f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
mB6rNãJa, G EK(	3 D	---	mf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	R-fm
n-v utMbenGene	39.3	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
seBv utMbenGene	13.7	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
r, æ-B6rl Sp, aU a,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
CNpJ a oxl6Sæ,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
CNpJ a r, rãnySæ,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
CyScl p, aU a,	3 D	---	f15f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
CyScl , ryNã,	3 D	---	5f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
CyScl iJau	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
CyScl u , ryNã,	3 D	---	5f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
mCyScl rJ6, a,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
0-CyScl rJ6, a,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
Dæcl u JnyScl u , ryNã,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdaDæcl u J-l-nyScl t cl t Nã,	3 D	---	5f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdaDæcl u J, ryNã, CEDB(	3 D	---	f15f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
Dæcl u Ju , ryNã,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdaDxyScl p, aU a,	3 D	---	f15f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdl-DxyScl p, aU a,	3 D	---	f15f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdl-DxyScl p, aU a,	3 D	---	f15f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
DxyScl oxl6Scl u , ryNã,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdb-DxyScl , ryNã,	3 D	---	f10f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdaDxyScl , ryNã, CEDC(	3 D	---	f10f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdb-DxyScl , ry, a,	3 D	---	f10f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
mxl-bdaDxyScl , ry, a,	3 D	---	f10f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
rcNã T-bdaDxyScl , ry, a,	3 D	---	f10f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdaDxyScl t cl t Nã,	3 D	---	f15f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bdl-DxyScl t cl t Nã,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
mhaDxyScl t cl t Nã,	3 D	---	5f f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	R-fm
bdb-DxyScl t cl t , a,	3 D	---	blf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	

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Pcl k nr: venton CountMCrisis Center

Pcl k nr 3 6u p, c: 52774.100

Pcl k nr j NñÑ, c: NiH Thornton

Report IDF

A4v 1093 - 02 19 24 1016

ANALYTICAL SA/ PLE RESVLTS

Volatile Organic Compounds by EPA 8260D

AaNS r,	2Ni t S R, T6S	D, r, nrñ a Lñu x	R, t J rñae Lñu x	. axT	DxSññ a	DN, AaNS U o	j , ryJo R, ih	3 Jr, T
UST-01-CE (A4B1093-01RE1)				Matrix: Water		Batch: 24B0539		
nxT-bd-DñnyS cl t cl t , a,	3 D	---	bñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
rcññT-bd-DñnyS cl t cl t , a,	3 D	---	bñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
EthMbenCene	28.4	---	fñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
H, gñnyS cl pñrñx a,	3 D	---	5ñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
nñH, gññJa,	3 D	---	bñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
IsopropMbenCene	30.4	---	bñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
4-IsopropMto)uene	5.96	---	bñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
j , ryl S a, nyS co,	3 D	---	bñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
0-j , ryl Sññt , arññJa, G ñBK(	3 D	---	bñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
j , ryl Sr, ñ-pñrl S, ry, c G z BE(	3 D	---	bñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
Naphthajene	35.8	---	5ñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
n-PropMbenCene	129	---	fñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
2ñl c, a,	3 D	---	bñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bñdbññz, rcñnyS cl , ryññ,	3 D	---	fñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bñdbññz, rcñnyS cl , ryññ,	3 D	---	fñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
z, rcñnyS cl , ry, a, (PCE(	3 D	---	fñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
To)uene	2.69	---	bñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bññl-z cñnyS cl p, aU a,	3 D	---	nñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bññl0-z cñnyS cl p, aU a,	3 D	---	nñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bñdb-z cñnyS cl , ryññ,	3 D	---	fñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bñdbññz cñnyS cl , ryññ,	3 D	---	b5ñf	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	R-fm
z cñnyS cl , ry, a, G CE(	3 D	---	fñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
z cñnyS cl i SñJ cl u , ryññ,	3 D	---	nñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
bññl-z cñnyS cl t cl t ññ,	3 D	---	bñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
1,2,4-Tri(ethMbenCene	5.51	---	bñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
1,3,5-Tri(ethMbenCene	1.33	---	bñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
Vñal SñnyS co,	3 D	---	fññf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
(,p-z Mene	5.64	---	bñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
o-z Mene	1.78	---	fñf f	6e/L	b	fmb5/n0 b):1m	EPA 4m fD	
Surrogate: 1,4-Difluorobenzene (Surr)		Recovery:	102 %	Limits:	80-120 %	1	02/15/24 16:32	EPA 8260D
Toluene-d8 (Surr)			102 %		80-120 %	1	02/15/24 16:32	EPA 8260D
4-Bromofluorobenzene (Surr)			100 %		80-120 %	1	02/15/24 16:32	EPA 8260D

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Report IDF

A4v 1093 - 02 19 24 1016

ANALYTICAL SA/ PLE RESVLTS

Polychlorinated Biphenyls by EPA 8082A

AaNS r,	2Nt t S R, T6S	D, r, nrJ a Lxi x	R, t Jcrae Lxi x	. axT	DxSra	DN, AaNS U o	j , ryJo R, ih	3 Jr, T
UST-01-CE (A4B1093-01)		Matrix: Water			Batch: 24B0485		C-09, DCNT	
AcJ nSc bfb)	3 D	---	f lbf m	6e/L	b	f nfb5/n0 bb:b5	EPA 4f 4mA	
AcJ nSc bmb	3 D	---	f lbf m	6e/L	b	f nfb5/n0 bb:b5	EPA 4f 4mA	
AcJ nSc bml m	3 D	---	f lbf m	6e/L	b	f nfb5/n0 bb:b5	EPA 4f 4mA	
AcJ nSc bn0m	3 D	---	f lbf m	6e/L	b	f nfb5/n0 bb:b5	EPA 4f 4mA	
AcJ nSc bn04	3 D	---	f lbf m	6e/L	b	f nfb5/n0 bb:b5	EPA 4f 4mA	
AcJ nSc bnf0	3 D	---	f lbf m	6e/L	b	f nfb5/n0 bb:b5	EPA 4f 4mA	
AcJ nSc bmf	3 D	---	f lbf m	6e/L	b	f nfb5/n0 bb:b5	EPA 4f 4mA	
Surrogate: Decachlorobiphenyl (Surr)		Recovery: 66 %		Limits: 40-135 %	1	02/15/24 11:15	EPA 8082A	

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PNñ, 8 Ji 1f



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503-718-2323

ORELAP ID: OR100062

Pv S Engineering and Enniron(enta) :Eugenev

3500 Chad Dr. Suite 100

Eugene, OR 97408

PcJk nr: y enton CountMCrisis Center

PcJk nr 3 6u p, c: 52774.100

PcJk nr j NñÑ, c: NiH Thornton

Report IDF

A4v 1093 - 02 19 24 1016

ANALYTICAL SA/ PLE RESVLTS

Total Metals by EPA 6020B (ICPMS)

AaNS r,	2Ni t S R, T6S	D, r, nrñ a Lññ x	R, t J cræc Lññ x	. axT	DxSññ a	DN, AaNS U o	j , ryJo R, ih	3 Jr, T
UST-01-CE (A4B1093-01)				Matrix: Water				
Batch: 24B0526								
Lead	47.2	---	fññf	6e/L	b	fñb)/ñ0 f8:ff	EPA)fñfB	

At , g LNpJcñJ cñ T

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NñJ a s JJ onJñnPcJk nr j NñÑ, c

PNñ, 4 Ji 1f



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Report IDF

A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

AaNS r,	R, T6S	D, r, nrJ a LxI x	R, t J cræc LxI x	. aT	Dx8rJ a	2t xW Au J 6ar	2J 6cn, R, T6S	9 REC	9 REC LxI xT	RPD	RPD LxI x	3 J r, T	
Batch 24B0482 - EPA 3510C (Fuels/Acid Ext.)						Water							
v) anl :24v 0482-v LQ1y		Pc, t Nc, o: f m/b0/n0 bf:5)		AaNS U o: f m/b0/n0 bF:n8									
NWTPK-Dx LL													
Dx T, S	3 D	---	4f lf	6e/L	b	---	---	---	---	---	---	---	
OxS	3 D	---	b) f	6e/L	b	---	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 83 %		Limits: 50-150 %		Dilution: 1x							
LCS :24v 0482-v S1y		Pc, t Nc, o: f m/b0/n0 bf:5)		AaNS U o: f m/b0/n0 bF:08									
NWTPK-Dx LL													
Dx T, S	1mm	---	4f lf	6e/L	b	5ff	---	)0	1) - b1n9	---	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 91 %		Limits: 50-150 %		Dilution: 1x							
LCS Dup :24v 0482-v SD1y		Pc, t Nc, o: f m/b0/n0 bf:5)		AaNS U o: f m/b0/n0 nf:f8									X-19
NWTPK-Dx LL													
Dx T, S	15b	---	4f lf	6e/L	b	5ff	---	8f	1) - b1n9	F	1f9	---	
Surr: o-Terphenyl (Surr)		Recovery: 95 %		Limits: 50-150 %		Dilution: 1x							

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

At, g LNpJ cñJ cñ T

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NñJ a s J J on J n Wñ PcJk nr j NñÑ, c

PNc, F Ji 1f



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PcJk nr j NñÑ, c: NiH Thornton

Report IDF

A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

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

AaNS r,	R, T6S	D, r, nrđ a Lñi x	R, t Jcrae Lñi x	. aT	DxSđrđ a	2t xW Au J6ar	2J6a, R, T6S	9 REC	9 REC Lñi xT	RPD	RPD Lñi x	3 J, T
Batch 24B0477 - EPA 5030C						Water						
v)anl :24v 0477-v LQ1y		Pc, t Nñ, o: fñb0/n0 fF:5) AaNS U o: fñb0/n0 b1:1)										
NWTPK-Ux :/ Sy												
7 NIJ Sa, RNie, OeNñmT	3 D	---	bff	6e/L	b	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 96 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		101 %		50-150 %		"						
LCS :24v 0477-v S2y		Pc, t Nñ, o: fñb0/n0 fF:5) AaNS U o: fñb0/n0 bm0b										
NWTPK-Ux :/ Sy												
7 NIJ Sa, RNie, OeNñmT	5b)	---	bff	6e/L	b	5ff	---	bf l	4f - bnf9	---	---	
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 100 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		102 %		50-150 %		"						

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

At , g LNpJcñJ cñ T

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NñJ a s JJ onJ nWpCJk nr j NñÑ, c

PNñ, bf Ji 1f



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XVALITY CONTROL :XCySA/ PLE RESVLTS

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

AaNS r,	R, T6S	D, r, nrJ a LñI x	R, t Jcrae LñI x	. aT	DxSbrJa	2t xW Au J6ar	2J6a, R, T6S	9 REC	9 REC LñI xT	RPD	RPD LñI x	3 J, T
Batch 24B0539 - EPA 5030C						Water						
v)anl :24v 0539-v LQ1y		Pc, t Nñ, o: fmb5/n0 bm14 AaNS U o: fmb5/n0 b5:14										
NWTPK-Ux :/ Sy												
7 NIJ Sa, RNie, OeNñmT	3 D	---	bff	6e/L	b	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 98 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		103 %		50-150 %		"						
LCS :24v 0539-v S2y		Pc, t Nñ, o: fmb5/n0 bm14 AaNS U o: fmb5/n0 b5:bf										
NWTPK-Ux :/ Sy												
7 NIJ Sa, RNie, OeNñmT	055	---	bff	6e/L	b	5ff	---	Fb	4f - bnf9	---	---	
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 99 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		102 %		50-150 %		"						

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

At , g LNpJcñJ cX T

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NñJ a s JJ onJ nWpCJk nr j NñÑ, c

PNñ, bb Ji 1f



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PcJk nr j NãÑ, c: NiH Thornton

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A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

Volatile Organic Compounds by EPA 8260D

AaNS r,	R, T6S	D, r, nrJ a LxU x	R, t J cæe LxU x	. aæT	DxSæJ a	2t xW Au J 6ar	2J 6æ, R, T6S	9 REC	9 REC LxU xT	RPD	RPD LxU x	3 Jæ, T
Batch 24B0477 - EPA 5030C						Water						
v) anl :24v 0477-v LQ1y		Pc, t Næ, o: fm/b0/n0 fF:5)			AaNS U o: fm/b0/n0 b1:1)							
EPA 8260D												
An, rJ a,	3 D	---	nf lf	6e/L	b	---	---	---	---	---	---	---
And S ææS	3 D	---	nf lf	6e/L	b	---	---	---	---	---	---	---
B, aU a,	3 D	---	f lf f	6e/L	b	---	---	---	---	---	---	---
BcJ u Jp, aU a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	---
BcJ u JnyS cJ u , ryNã,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
BcJ u JonyS cJ u , ryNã,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
BcJ u Jijæu	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
BcJ u Ju , ryNã,	3 D	---	5 lf f	6e/L	b	---	---	---	---	---	---	---
næB6rNãJ a, G EK(	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
a-B6rl \$p, aU a,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
T, n-B6rl \$p, aU a,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
r, æ-B6rl \$p, aU a,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
CNpJ a oxl6Sæ,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
CNpJ a r, reNnyS ææ,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
CyS cJ p, aU a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	---
CyS cJ , ryNã,	3 D	---	5 lf f	6e/L	b	---	---	---	---	---	---	---
CyS cJ ijæu	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
CyS cJ u , ryNã,	3 D	---	5 lf f	6e/L	b	---	---	---	---	---	---	---
næCyS cJ rJ Sæ, a,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
0-CyS cJ rJ Sæ, a,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
DæpæJ u JnyS cJ u , ryNã,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
bdaæDæpæJ u J-1-nyS cJ t cJ t Nã,	3 D	---	5 lf f	6e/L	b	---	---	---	---	---	---	---
bdaæDæpæJ u J, ryNã, æEDB(	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	---
DæpæJ u Ju , ryNã,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
bdaæDænyS cJ p, aU a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	---
bæD-DænyS cJ p, aU a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	---
bæD-DænyS cJ p, aU a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	---
DænyS cJ oxl6SæJæu , ryNã,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	---
bæD-DænyS cJ , ryNã,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	---
bdaæDænyS cJ , ryNã, æEDC(	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	---
bæD-DænyS cJ , ry, a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	---
næT-bdaæDænyS cJ , ry, a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	---
reNãT-bdaæDænyS cJ , ry, a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	---

At , g LNpJæNæJ æx T

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A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

Volatile Organic Compounds by EPA 8260D

AaNS r,	R, T6S	D, r, nrJ a LxI x	R, t J cxae LxI x	. aT	DxSxJ a	2t xW Au J 6ar	2J 6cn, R, T6S	9 REC	9 REC LxI xT	RPD	RPD LxI x	3 J, T
Batch 24B0477 - EPA 5030C						Water						
v) anl :24v 0477-v LQ1y		Pc, t N, o: fm(b0/n0 fF:5)		AaNS U o: fm(b0/n0 b1:1)								
bdaDnyS cl t cl t Na,	3 D	---	f15ff	6e/L	b	---	---	---	---	---	---	---
bdl-DnyS cl t cl t Na,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
ndaDnyS cl t cl t Na,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
bcb-DnyS cl t cl t, a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
nxT-bdl-DnyS cl t cl t, a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
rcNaT-bdl-DnyS cl t cl t, a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
Eryl Sp, aU a,	3 D	---	f15ff	6e/L	b	---	---	---	---	---	---	---
H, gNnyS cl p6rNbx a,	3 D	---	51ff	6e/L	b	---	---	---	---	---	---	---
naH, gNaJa,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
IJt cl t l Sp, aU a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
0-IJt cl t l SJ S, a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
j , ryl S a, nyS co,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
0-j , ryl Smt, arNaJa, G xBK(	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
j , ryl Sr, a-p6rl S, ry, cG z BE(	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
3 N yryNS a,	3 D	---	51ff	6e/L	b	---	---	---	---	---	---	---
a-Pcl t l Sp, aU a,	3 D	---	f15ff	6e/L	b	---	---	---	---	---	---	---
2rl c, a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
bcbcbaz, rcNnyS cl, ryNa,	3 D	---	f10ff	6e/L	b	---	---	---	---	---	---	---
bcbcbaz, rcNnyS cl, ryNa,	3 D	---	f15ff	6e/L	b	---	---	---	---	---	---	---
z, rcNnyS cl, ry, a, GPCE(	3 D	---	f10ff	6e/L	b	---	---	---	---	---	---	---
zJS, a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
bdtl-z cnyS cl p, aU a,	3 D	---	n1ff	6e/L	b	---	---	---	---	---	---	---
bdtl-z cnyS cl p, aU a,	3 D	---	n1ff	6e/L	b	---	---	---	---	---	---	---
bcbcb-z cnyS cl, ryNa,	3 D	---	f10ff	6e/L	b	---	---	---	---	---	---	---
bcbcbaz cnyS cl, ryNa,	3 D	---	f15ff	6e/L	b	---	---	---	---	---	---	---
z cnyS cl, ry, a, GCE(	3 D	---	f10ff	6e/L	b	---	---	---	---	---	---	---
z cnyS cl iS J cl u, ryNa,	3 D	---	n1ff	6e/L	b	---	---	---	---	---	---	---
bdtl-z cnyS cl t cl t Na,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
bdtl-z cu, ryl Sp, aU a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
bdl f-z cu, ryl Sp, aU a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
Vxal SnyS co,	3 D	---	f1mf	6e/L	b	---	---	---	---	---	---	---
u d-%d S a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
J-%d S a,	3 D	---	f15ff	6e/L	b	---	---	---	---	---	---	---

Surr: 1,4-Difluorobenzene (Surr)

Recovery: 102 %

Limits: 80-120 %

Dilution: 1x

At, g LNpJ cNj cX T

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XVALITY CONTROL :XCySA/ PLE RESVLTS

Volatile Organic Compounds by EPA 8260D

AaNS r,	R, T6S	D, r, nrJ a Lxi x	R, t Jcrae Lxi x	. aT	DxSrd a	2t xW Au J6ar	2J6cn, R, T6S	9 REC Lxi xT	9 REC RPD	RPD Lxi x	3 J, T
---------	--------	----------------------	---------------------	------	---------	------------------	------------------	-----------------	--------------	--------------	--------

Batch 24B0477 - EPA 5030C

Water

v)anl :24v 0477-v LQ1y

Pc, t Nc, o: fmb0/n0 fF:5) AaNS U o: fmb0/n0 b1:1)

Surr: Toluene-d8 (Surr)

Recovery: 101 %

Limits: 80-120 %

Dilution: 1x

4-Bromofluorobenzene (Surr)

101 %

80-120 %

"

LCS :24v 0477-v S1y

Pc, t Nc, o: fmb0/n0 fF:5) AaNS U o: fmb0/n0 bb:0m

EPA 8260D

An, rJa,	14f0	---	nfIf	6e/L	b	OfIf	---	F)	4f - bnf9	---	---
And SarcS	nbIm	---	nfIf	6e/L	b	nfIf	---	bf)	4f - bnf9	---	---
B, aU a,	nfIm	---	fIf f	6e/L	b	nfIf	---	bfb	4f - bnf9	---	---
BcJ u Jp, aU a,	nfIb	---	fIf f f	6e/L	b	nfIf	---	bff	4f - bnf9	---	---
BcJ u JnyScl u, ryNã,	nfI8	---	bIf f	6e/L	b	nfIf	---	bf0	4f - bnf9	---	---
BcJ u JonyScl u, ryNã,	b4I4	---	bIf f	6e/L	b	nfIf	---	F0	4f - bnf9	---	---
BcJ u Jijcu	b)I0	---	bIf f	6e/L	b	nfIf	---	4m	4f - bnf9	---	---
BcJ u Ju, ryNã,	nbI8	---	5If f	6e/L	b	nfIf	---	bf4	4f - bnf9	---	---
nãB6rNãJa, G EK(	0bI0	---	bIf f	6e/L	b	OfIf	---	bf1	4f - bnf9	---	---
a-B6rI S, aU a,	mfI	---	bIf f	6e/L	b	nfIf	---	bbb	4f - bnf9	---	---
T, n-B6rI S, aU a,	mfI	---	bIf f	6e/L	b	nfIf	---	bbf	4f - bnf9	---	---
r, a-B6rI S, aU a,	nbIf	---	bIf f	6e/L	b	nfIf	---	bf5	4f - bnf9	---	---
CNpJa oxI6Sxo,	b4Ib	---	bIf f	6e/L	b	nfIf	---	Fb	4f - bnf9	---	---
CNpJa r, rcNiySco,	bFlm	---	bIf f	6e/L	b	nfIf	---	F)	4f - bnf9	---	---
CyScl p, aU a,	nfIf	---	fIf f f	6e/L	b	nfIf	---	bff	4f - bnf9	---	---
CyScl, ryNã,	b8Ih	---	5If f	6e/L	b	nfIf	---	44	4f - bnf9	---	ICV-fb
CyScl iJcu	nbIb	---	bIf f	6e/L	b	nfIf	---	bf5	4f - bnf9	---	---
CyScl u, ryNã,	bFl0	---	5If f	6e/L	b	nfIf	---	F8	4f - bnf9	---	---
nãCyScl rI S, a,	nfI8	---	bIf f	6e/L	b	nfIf	---	bf1	4f - bnf9	---	---
0-CyScl rI S, a,	nfI0	---	bIf f	6e/L	b	nfIf	---	bfm	4f - bnf9	---	---
Dxpcl u JnyScl u, ryNã,	b4If	---	bIf f	6e/L	b	nfIf	---	Ff	4f - bnf9	---	---
bdaDxpcl u J-1-nyScl t cl t Nã,	b8I4	---	5If f	6e/L	b	nfIf	---	4F	4f - bnf9	---	---
bdaDxpcl u J, ryNã, CEDB(	nbI5	---	fIf f f	6e/L	b	nfIf	---	bf4	4f - bnf9	---	---
Dxpcl u Ju, ryNã,	nfIh	---	bIf f	6e/L	b	nfIf	---	bf1	4f - bnf9	---	---
bdaDxyScl p, aU a,	nbIm	---	fIf f f	6e/L	b	nfIf	---	bf)	4f - bnf9	---	---
bdl-DxyScl p, aU a,	nfIh	---	fIf f f	6e/L	b	nfIf	---	bf1	4f - bnf9	---	---
bdl-DxyScl p, aU a,	bFlh	---	fIf f f	6e/L	b	nfIf	---	F4	4f - bnf9	---	---
DxyScl oxI6Jcl u, ryNã,	mfIf	---	bIf f	6e/L	b	nfIf	---	bb5	4f - bnf9	---	---
bdb-DxyScl, ryNã,	nfI8	---	fI0f f	6e/L	b	nfIf	---	bf0	4f - bnf9	---	---

At, g LNpJcNj cX T

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ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

Pv S Engineering and Enniron(enta):Eugenev

PcJk nr: venton CountMCrisis Center

3500 Chad Dr. Suite 100

PcJk nr 3 6u p, c: 52774.100

Report IDF

Eugene, OR 97408

PcJk nr j NãÑ, c: NiH Thornton

A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

Volatile Organic Compounds by EPA 8260D

AaNS r,	R, T6S	D, r, nrJ a LxI x	R, t J cœæ LxI x	. aT	DxSxJ a	2t xW Au J 6ar	2J 6œ, R, T6S	9 REC	9 REC LxI xT	RPD	RPD LxI x	3 J, T
Batch 24B0477 - EPA 5030C						Water						
LCS :24v 0477-v S1y		Pc, t Nã, o: fmb0/n0 fF:5)		AaNS U o: fmb0/n0 bb:0m								
bdaDnyS cJ, ryNa, GEDC(	nf18	---	f10ff	6e/L	b	nf1f	---	bf0	4f - bnf9	---	---	
bcbDnyS cJ, ry, a,	nb18	---	f10ff	6e/L	b	nf1f	---	bfF	4f - bnf9	---	---	
nxT-bdaDnyS cJ, ry, a,	nf1h	---	f10ff	6e/L	b	nf1f	---	bf1	4f - bnf9	---	---	
rcNaT-bdaDnyS cJ, ry, a,	nf1f5	---	f10ff	6e/L	b	nf1f	---	bf1	4f - bnf9	---	---	
bdaDnyS cJ t cJ t Na,	nf10	---	f1f5ff	6e/L	b	nf1f	---	bfm	4f - bnf9	---	---	
bdlDnyS cJ t cJ t Na,	nb1f	---	b1ff	6e/L	b	nf1f	---	bf5	4f - bnf9	---	---	
ndaDnyS cJ t cJ t Na,	nf1h	---	b1ff	6e/L	b	nf1f	---	bf0	4f - bnf9	---	---	
bcbDnyS cJ t cJ t, a,	nb18	---	b1ff	6e/L	b	nf1f	---	bf4	4f - bnf9	---	---	
nxT-bdlDnyS cJ t cJ t, a,	b41h	---	b1ff	6e/L	b	nf1f	---	F0	4f - bnf9	---	---	
rcNaT-bdlDnyS cJ t cJ t, a,	b41m	---	b1ff	6e/L	b	nf1f	---	Fb	4f - bnf9	---	---	
Eryl Sp, aU a,	nb1m	---	f1f5ff	6e/L	b	nf1f	---	bf)	4f - bnf9	---	---	
H, gNhyS cJ p6rNõx a,	nb1f5	---	51ff	6e/L	b	nf1f	---	bf4	4f - bnf9	---	---	
naH, gNaJa,	Of10	---	bf1f	6e/L	b	Of1f	---	bfb	4f - bnf9	---	---	
IJ t cJ t l Sp, aU a,	mb1b	---	b1ff	6e/L	b	nf1f	---	bbf	4f - bnf9	---	---	
0-IJ t cJ t l SJ S, a,	nb1h	---	b1ff	6e/L	b	nf1f	---	bf4	4f - bnf9	---	---	
j , ryl S a, nyS œo,	bF1h	---	bf1f	6e/L	b	nf1f	---	FF	4f - bnf9	---	---	
0-j , ryl S nãt, arNaJa, G xBK(	Ob1b	---	bf1f	6e/L	b	Of1f	---	bf1	4f - bnf9	---	---	
j , ryl Sr, a-p6rl S, ry, cG z BE(	bF1b	---	b1ff	6e/L	b	nf1f	---	F5	4f - bnf9	---	---	
3 N yryNS a,	bF1m	---	51ff	6e/L	b	nf1f	---	F)	4f - bnf9	---	---	
a-PcJ t l Sp, aU a,	nb1m	---	f1f5ff	6e/L	b	nf1f	---	bf)	4f - bnf9	---	---	
2rl c, a,	nb1f5	---	b1ff	6e/L	b	nf1f	---	bf4	4f - bnf9	---	---	
bcbcbãz, rcNhyS cJ, ryNa,	bF1m	---	f10ff	6e/L	b	nf1f	---	F)	4f - bnf9	---	---	
bcbcbãz, rcNhyS cJ, ryNa,	nb1m	---	f1f5ff	6e/L	b	nf1f	---	bf)	4f - bnf9	---	---	
z, rcNhyS cJ, ry, a, GPE(	nb1h	---	f10ff	6e/L	b	nf1f	---	bf8	4f - bnf9	---	---	
zJS, a,	bF10	---	b1ff	6e/L	b	nf1f	---	F8	4f - bnf9	---	---	
bcbãl-z cnyS cJ p, aU a,	mb1f	---	n1ff	6e/L	b	nf1f	---	bbf	4f - bnf9	---	---	
bcbãl-z cnyS cJ p, aU a,	mb1m	---	n1ff	6e/L	b	nf1f	---	bbb	4f - bnf9	---	---	
bcbcb-z cnyS cJ, ryNa,	nb1f5	---	f10ff	6e/L	b	nf1f	---	bf4	4f - bnf9	---	---	
bcbcbãz cnyS cJ, ryNa,	nf1f5	---	f1f5ff	6e/L	b	nf1f	---	bf1	4f - bnf9	---	---	
z cnyS cJ, ry, a, G CE(	nb1b	---	f10ff	6e/L	b	nf1f	---	bf)	4f - bnf9	---	---	
z cnyS cJ i S J cJ u, ryNa,	n010	---	n1ff	6e/L	b	nf1f	---	122	80 - 120H	---	---	X-5)
bcbãl-z cnyS cJ t cJ t Na,	nb1m	---	b1ff	6e/L	b	nf1f	---	bf)	4f - bnf9	---	---	
bcbãl-z cnyS cJ t cJ t Na,	nb1m	---	b1ff	6e/L	b	nf1f	---	bf)	4f - bnf9	---	---	
bcbãl-z cnyS cJ t cJ t Na,	nb1h	---	b1ff	6e/L	b	nf1f	---	bf4	4f - bnf9	---	---	

At, g LNpJ cNj cX T

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ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

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503-718-2323

ORELAP ID: OR100062

PvS Engineering and Enniron(enta):Eugenev

3500 Chad Dr. Suite 100

Eugene, OR 97408

PcJk nr: y enton CountMCrisis Center

PcJk nr 3 6u p, c: 52774.100

PcJk nr j NñÑ, c: NiH Thornton

Report IDF

A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

Volatile Organic Compounds by EPA 8260D

AaNS r,	R, T6S	D, r, nrđ a Lñi x	R, t Jcxae Lñi x	. aT	Dx6rđ a	2t xW Au J6ar	2J6a, R, T6S	9 REC	9 REC Lñi xT	RPD	RPD Lñi x	3 J, T
Batch 24B0477 - EPA 5030C						Water						
LCS :24v 0477-v S1y		Pc, t Nñ, o: fmb0/n0 fF:5)		AaNS U o: fmb0/n0 bb:0m								
Vxal SnyS cœ,	nblm	---	f lmf f	6e/L	b	nflf	---	bf)	4f - bnf9	---	---	
u d -%d S a,	Obhl	---	blf f	6e/L	b	Ofhf	---	bf l	4f - bnf9	---	---	
J-%d S a,	nflh	---	flsf f	6e/L	b	nflf	---	bf0	4f - bnf9	---	---	
Surr: 1,4-Difluorobenzene (Surr)		Recovery: 101 %		Limits: 80-120 %		Dilution: 1x						
Toluene-d8 (Surr)		99 %		80-120 %		"						
4-Bromofluorobenzene (Surr)		98 %		80-120 %		"						

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

At, g LNpJcNj cX T

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NñJ a s J J onJ nWpCk nr j NñÑ, c

PNñ, b) Ji lf



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Eugene, OR 97408

PcJk nr: venton CountMCrisis Center

PcJk nr 3 6u p, c: 52774.100

PcJk nr j NãÑ, c: NiH Thornton

Report IDF

A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

Volatile Organic Compounds by EPA 8260D

AaNS r,	R, T6S	D, r, nrJ a LxU x	R, t J cœae LxU x	. aT	DxSœJ a	2t xW Au J 6ar	2J 6œ, R, T6S	9 REC	9 REC LxU xT	RPD	RPD LxU x	3 J r, T
Batch 24B0539 - EPA 5030C						Water						
v) anl :24v 0539-v LQ1y			Pc, t N, o: fmb5/n0 bm14			AaNS U o: fmb5/n0 b5:14						
EPA 8260D												
An, rJ a,	3 D	---	nf lf	6e/L	b	---	---	---	---	---	---	
And S axœS	3 D	---	nf lf	6e/L	b	---	---	---	---	---	---	
B, aU a,	3 D	---	f lf f	6e/L	b	---	---	---	---	---	---	
BœJ u J p, aU a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	
BœJ u J nyS œJ u , ryNã,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
BœJ u J onyS œJ u , ryNã,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
BœJ u J iJ œu	3 D	---	nf lf	6e/L	b	---	---	---	---	---	---	
BœJ u J u , ryNã,	3 D	---	5 lf f	6e/L	b	---	---	---	---	---	---	
nãBœrNãJ a, G EK(	3 D	---	bf lf	6e/L	b	---	---	---	---	---	---	
a-Bœrl \$, aU a,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
T, n-Bœrl \$, aU a,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
r, œ-Bœrl \$, aU a,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
CNpJ a œxl6Sœ,	3 D	---	bf lf	6e/L	b	---	---	---	---	---	---	
CNpJ a r, rœNiyS œœ,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
CyS œJ p, aU a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	
CyS œJ , ryNã,	3 D	---	5 lf f	6e/L	b	---	---	---	---	---	---	
CyS œJ iJ œu	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
CyS œJ u , ryNã,	3 D	---	5 lf f	6e/L	b	---	---	---	---	---	---	
nãCyS œJ rJ S, a,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
0-CyS œJ rJ S, a,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
DœpœJ u J nyS œJ u , ryNã,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
bœãDœpœJ u J -1-nyS œJ t œJ t Nã,	3 D	---	5 lf f	6e/L	b	---	---	---	---	---	---	
bœãDœpœJ u J , ryNã, œEDB(	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	
DœpœJ u J u , ryNã,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
bœãDœnyS œJ p, aU a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	
bœãDœnyS œJ p, aU a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	
bœãDœnyS œJ p, aU a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	
DœnyS œJ œxl6SœJ œJ u , ryNã,	3 D	---	bl ff	6e/L	b	---	---	---	---	---	---	
bœãDœnyS œJ , ryNã,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	
bœãDœnyS œJ , ryNã, œEDC(	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	
bœãDœnyS œJ , ry, a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	
nœãbœãDœnyS œJ , ry, a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	
rœããbœãDœnyS œJ , ry, a,	3 D	---	f lf f f	6e/L	b	---	---	---	---	---	---	

At , g LNpJ œNJ œx T

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PcJk nr: venton CountMCrisis Center

PcJk nr 3 6u p, c: 52774.100

PcJk nr j NãÑ, c: NiH Thornton

Report IDF

A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

Volatile Organic Compounds by EPA 8260D

AaNS r,	R, T6S	D, r, nrJ a LxI x	R, t J cxae LxI x	. aT	DxSxJ a	2t xW Au J 6ar	2J 6cn, R, T6S	9 REC	9 REC LxI xT	RPD	RPD LxI x	3 J, T
Batch 24B0539 - EPA 5030C						Water						
v)anl :24v 0539-v LQ1y			Pc, t N, o: fmb5/n0 bm14			AaNS U o: fmb5/n0 b5:14						
bdaDnyS clt clt Na,	3 D	---	f15ff	6e/L	b	---	---	---	---	---	---	---
bdl-DnyS clt clt Na,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
ndaDnyS clt clt Na,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
bcb-DnyS clt clt, a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
nxT-bdl-DnyS clt clt, a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
rcNaT-bdl-DnyS clt clt, a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
Eryl Sp, aU a,	3 D	---	f15ff	6e/L	b	---	---	---	---	---	---	---
H, gNnyS cl p6rNbx a,	3 D	---	51ff	6e/L	b	---	---	---	---	---	---	---
naH, gNaJa,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
IJt clt l Sp, aU a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
0-IJt clt l SJ S, a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
j , ryl S a, nyS co,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
0-j , ryl Smt, arNaJa, G xBK(	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
j , ryl Sr, a-p6rl S, ry, cG z BE(	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
3 N yryNS a,	3 D	---	51ff	6e/L	b	---	---	---	---	---	---	---
a-Pclt l Sp, aU a,	3 D	---	f15ff	6e/L	b	---	---	---	---	---	---	---
2rl c, a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
bcbcbaz, rcNnyS cl, ryNa,	3 D	---	f10ff	6e/L	b	---	---	---	---	---	---	---
bcbcbaz, rcNnyS cl, ryNa,	3 D	---	f15ff	6e/L	b	---	---	---	---	---	---	---
z, rcNnyS cl, ry, a, GPCE(	3 D	---	f10ff	6e/L	b	---	---	---	---	---	---	---
zJ S, a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
bdtl-z cnyS cl p, aU a,	3 D	---	n1ff	6e/L	b	---	---	---	---	---	---	---
bdtl-z cnyS cl p, aU a,	3 D	---	n1ff	6e/L	b	---	---	---	---	---	---	---
bcbcb-z cnyS cl, ryNa,	3 D	---	f10ff	6e/L	b	---	---	---	---	---	---	---
bcbcbaz cnyS cl, ryNa,	3 D	---	f15ff	6e/L	b	---	---	---	---	---	---	---
z cnyS cl, ry, a, GCE(	3 D	---	f10ff	6e/L	b	---	---	---	---	---	---	---
z cnyS cl i S J cl u, ryNa,	3 D	---	n1ff	6e/L	b	---	---	---	---	---	---	---
bdtl-z cnyS clt clt Na,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
bdtl-z cu, ryl Sp, aU a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
bdl f-z cu, ryl Sp, aU a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
Vxal SnyS co,	3 D	---	f1mf	6e/L	b	---	---	---	---	---	---	---
u d-%d S a,	3 D	---	b1ff	6e/L	b	---	---	---	---	---	---	---
J-%d S a,	3 D	---	f15ff	6e/L	b	---	---	---	---	---	---	---

Surr: 1,4-Difluorobenzene (Surr)

Recovery: 103 %

Limits: 80-120 %

Dilution: 1x

At, g LNpJcNj cx T

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PcJk nr: venton CountMCrisis Center

3500 Chad Dr. Suite 100

PcJk nr 3 6u p, c: 52774.100

Report IDF

Eugene, OR 97408

PcJk nr j NãÑ, c: NiH Thornton

A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

Volatile Organic Compounds by EPA 8260D

AaNS r,	R, T6S	D, r, nrJ a Lxi x	R, t Jcrae Lxi x	. aT	DxSrd a	2t xW Au J6ar	2J6cn, R, T6S	9 REC Lxi xT	9 REC RPD	RPD Lxi x	3 J, T
---------	--------	----------------------	---------------------	------	---------	------------------	------------------	-----------------	--------------	--------------	--------

Batch 24B0539 - EPA 5030C

Water

v)anl :24v 0539-v LQ1y

Pc, t N, o: fmb5/n0 bm14 AaNS U o: fmb5/n0 b5:14

Surr: Toluene-d8 (Surr)

Recovery: 101 %

Limits: 80-120 %

Dilution: 1x

4-Bromofluorobenzene (Surr)

99 %

80-120 %

"

LCS :24v 0539-v S1y

Pc, t N, o: fmb5/n0 bm14 AaNS U o: fmb5/n0 b0:b)

EPA 8260D

An, rJa,	14hm	---	nfIf	6e/L	b	OfIf	---	F)	4f - bnf9	---	---
And SarcS	nbIf	---	nfIf	6e/L	b	nfIf	---	bf5	4f - bnf9	---	---
B, aU a,	bFlh	---	fIf f	6e/L	b	nfIf	---	F4	4f - bnf9	---	---
BcJu Jp, aU a,	b4f0	---	fIf f f	6e/L	b	nfIf	---	Fm	4f - bnf9	---	---
BcJu JnyScl u, ryNa,	nfIf	---	blf f	6e/L	b	nfIf	---	bf1	4f - bnf9	---	---
BcJu JonyScl u, ryNa,	b8f4	---	blf f	6e/L	b	nfIf	---	4F	4f - bnf9	---	---
BcJu Jijcu	b5hl	---	nfIf	6e/L	b	nfIf	---	76	80 - 120H	---	---
BcJu Ju, ryNa,	nbhl	---	5If f	6e/L	b	nfIf	---	bf8	4f - bnf9	---	---
nãB6rNaJa, G EK(	0blm	---	bfIf	6e/L	b	OfIf	---	bf1	4f - bnf9	---	---
a-B6rl S, aU a,	nfIf	---	blf f	6e/L	b	nfIf	---	bfm	4f - bnf9	---	---
T, n-B6rl S, aU a,	nfIf	---	blf f	6e/L	b	nfIf	---	bfm	4f - bnf9	---	---
r, a-B6rl S, aU a,	bFlb	---	blf f	6e/L	b	nfIf	---	F)	4f - bnf9	---	---
CNpJa oxl6Sxo,	b) lb	---	bfIf	6e/L	b	nfIf	---	4f	4f - bnf9	---	---
CNpJa r, reNySco,	b8f6	---	blf f	6e/L	b	nfIf	---	44	4f - bnf9	---	---
CyScl p, aU a,	bFlh	---	fIf f f	6e/L	b	nfIf	---	F8	4f - bnf9	---	---
CyScl, ryNa,	b4f6	---	5If f	6e/L	b	nfIf	---	F1	4f - bnf9	---	---
CyScl iJcu	nfIm	---	blf f	6e/L	b	nfIf	---	bfb	4f - bnf9	---	---
CyScl u, ryNa,	b4f4	---	5If f	6e/L	b	nfIf	---	F0	4f - bnf9	---	---
mãCyScl rJ S, a,	bFlf	---	blf f	6e/L	b	nfIf	---	F5	4f - bnf9	---	---
0-CyScl rJ S, a,	bFlf	---	blf f	6e/L	b	nfIf	---	F5	4f - bnf9	---	---
Dxpcl u JnyScl u, ryNa,	b) f8	---	blf f	6e/L	b	nfIf	---	40	4f - bnf9	---	---
bdaDxpcl u J-1-nyScl t cl t Na,	b) lm	---	5If f	6e/L	b	nfIf	---	4b	4f - bnf9	---	---
bdaDxpcl u J, ryNa, CEDB(	nf f0	---	fIf f f	6e/L	b	nfIf	---	bfm	4f - bnf9	---	---
Dxpcl u Ju, ryNa,	nf lb	---	blf f	6e/L	b	nfIf	---	bfb	4f - bnf9	---	---
bdaDxyScl p, aU a,	bFlf	---	fIf f f	6e/L	b	nfIf	---	FF	4f - bnf9	---	---
bcl-DxyScl p, aU a,	bFl0	---	fIf f f	6e/L	b	nfIf	---	F8	4f - bnf9	---	---
bcl-DxyScl p, aU a,	b4fj	---	fIf f f	6e/L	b	nfIf	---	F1	4f - bnf9	---	---
DxyScl oxl6Jcl u, ryNa,	nbIf	---	blf f	6e/L	b	nfIf	---	bf4	4f - bnf9	---	---
bcl-DxyScl, ryNa,	bFlf	---	fIf f f	6e/L	b	nfIf	---	bf f	4f - bnf9	---	---

At, g LNpJcNj cX T

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Apex Laboratories, LLC

6700 S.W. Sandburg Street

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ORELAP ID: OR100062

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PcJk nr 3 6u p, c: 52774.100

Report IDF

Eugene, OR 97408

PcJk nr j NãÑ, c: NiH Thornton

A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

Volatile Organic Compounds by EPA 8260D

AaNS r,	R, T6S	D, r, nrJ a LxI x	R, t J cræe LxI x	. arT	DxSxJ a	2t xW Au J 6ar	2J 6an, R, T6S	9 REC LxI xT	9 REC RPD	RPD LxI x	3 J, T
Batch 24B0539 - EPA 5030C						Water					
LCS :24v 0539-v S1y		Pc, t Nã, o: fmb5/n0 bm14		AaNS U o: fmb5/n0 b0:b)							
bdaDnyS cl, ryNa, GEDC(	nf h)	---	f l0ff	6e/L	b	nf lf	---	bf l	4f - bnf9	---	---
bcbDnyS cl, ry, a,	nf lm	---	f l0ff	6e/L	b	nf lf	---	bf b	4f - bnf9	---	---
nxT-bdaDnyS cl, ry, a,	bFlh	---	f l0ff	6e/L	b	nf lf	---	FF	4f - bnf9	---	---
rcNaT-bdaDnyS cl, ry, a,	bFlh	---	f l0ff	6e/L	b	nf lf	---	F8	4f - bnf9	---	---
bdaDnyS cl t cl t Na,	bFlh	---	f l5ff	6e/L	b	nf lf	---	F4	4f - bnf9	---	---
bclDnyS cl t cl t Na,	nf hl	---	blff	6e/L	b	nf lf	---	bf b	4f - bnf9	---	---
ndaDnyS cl t cl t Na,	b) lb	---	blff	6e/L	b	nf lf	---	4f	4f - bnf9	---	---
bcbDnyS cl t cl t, a,	nf h)	---	blff	6e/L	b	nf lf	---	bf l	4f - bnf9	---	---
nxT-bclDnyS cl t cl t, a,	b) h)	---	blff	6e/L	b	nf lf	---	4l	4f - bnf9	---	---
rcNaT-bclDnyS cl t cl t, a,	b5fF	---	blff	6e/L	b	nf lf	---	4f	4f - bnf9	---	---
Eryl \$, aU a,	nf lf	---	f l5ff	6e/L	b	nf lf	---	bf f	4f - bnf9	---	---
H, gNhyS cl p6rN0x a,	bFlh	---	5lff	6e/L	b	nf lf	---	F8	4f - bnf9	---	---
naH, gNaJa,	18f0	---	bf lf	6e/L	b	Of lf	---	F0	4f - bnf9	---	---
IJ t cl t l \$, aU a,	nf lf	---	blff	6e/L	b	nf lf	---	bf m	4f - bnf9	---	---
0-IJ t cl t l SJ \$, a,	bFlh	---	blff	6e/L	b	nf lf	---	FF	4f - bnf9	---	---
j , ryl \$ a, nyS eo,	bFlh	---	bf lf	6e/L	b	nf lf	---	F8	4f - bnf9	---	---
0-j , ryl Smt, arNaJa, G xBK(	lFlm	---	bf lf	6e/L	b	Of lf	---	F4	4f - bnf9	---	---
j , ryl Sr, a-p6rl S, ry, cG zBE(	b) h)	---	blff	6e/L	b	nf lf	---	4l	4f - bnf9	---	---
3 N yryN\$ a,	b8h)	---	5lff	6e/L	b	nf lf	---	44	4f - bnf9	---	---
a-Pcl t l \$, aU a,	bFl8	---	f l5ff	6e/L	b	nf lf	---	F4	4f - bnf9	---	---
2rl c, a,	nf lm	---	blff	6e/L	b	nf lf	---	bf b	4f - bnf9	---	---
bcbdaaz, rcNhyS cl, ryNa,	b8h)	---	f l0ff	6e/L	b	nf lf	---	4F	4f - bnf9	---	---
bcbdaaz, rcNhyS cl, ryNa,	nf l0	---	f l5ff	6e/L	b	nf lf	---	bf m	4f - bnf9	---	---
z, rcNhyS cl, ry, a, GPE(	bFlm	---	f l0ff	6e/L	b	nf lf	---	F)	4f - bnf9	---	---
zJ \$, a,	b4f0	---	blff	6e/L	b	nf lf	---	Fm	4f - bnf9	---	---
bdaul-z cnyS cl p, aU a,	nf lf	---	nff	6e/L	b	nf lf	---	bf m	4f - bnf9	---	---
bdaul-z cnyS cl p, aU a,	bFlh	---	nff	6e/L	b	nf lf	---	FF	4f - bnf9	---	---
bcbda-z cnyS cl, ryNa,	bFlh	---	f l0ff	6e/L	b	nf lf	---	FF	4f - bnf9	---	---
bcbdaaz cnyS cl, ryNa,	bFlF	---	f l5ff	6e/L	b	nf lf	---	FF	4f - bnf9	---	---
z cnyS cl, ry, a, GCE(	bFlF	---	f l0ff	6e/L	b	nf lf	---	FF	4f - bnf9	---	---
z cnyS cl i \$J cl u, ryNa,	n5hl	---	nff	6e/L	b	nf lf	---	126	80 - 120H	---	X-5)
bdaul-z cnyS cl t cl t Na,	nf lF	---	blff	6e/L	b	nf lf	---	bf0	4f - bnf9	---	---
bdaul-z cu, ryl \$, aU a,	bFlh	---	blff	6e/L	b	nf lf	---	FF	4f - bnf9	---	---
bdaul-z cu, ryl \$, aU a,	nf lb	---	blff	6e/L	b	nf lf	---	bf b	4f - bnf9	---	---

At, g LNpJ cNj cX T

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PcJk nr: y enton CountMCrisis Center

PcJk nr 3 6u p, c: 52774.100

PcJk nr j NñÑ, c: NiH Thornton

Report IDF

A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

Volatile Organic Compounds by EPA 8260D

AaNS r,	R, T6S	D, r, nrđ a Lñi x	R, t Jcxae Lñi x	. aT	Dxđrđ a	2t xW Au J6ar	2J6a, R, T6S	9 REC	9 REC Lñi xT	RPD	RPD Lñi x	3 J, T
Batch 24B0539 - EPA 5030C						Water						
LCS :24v 0539-v S1y		Pc, t Nñ, o: fmb5/n0 bm14		AaNS U o: fmb5/n0 b0:b)								
Vxal SnyS cō,	nf10	---	f lñf f	6e/L	b	nf1f	---	bf m	4f - bnf9	---	---	
u d -%d S a,	14HF	---	b lñf f	6e/L	b	0f1f	---	F8	4f - bnf9	---	---	
J-%d S a,	bFhl	---	f lñf f	6e/L	b	nf1f	---	F8	4f - bnf9	---	---	
Surr: 1,4-Difluorobenzene (Surr)		Recovery: 102 %		Limits: 80-120 %		Dilution: 1x						
Toluene-d8 (Surr)		99 %		80-120 %		"						
4-Bromofluorobenzene (Surr)		95 %		80-120 %		"						

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

At, g LNpJcñJ cñ T

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NñJ a s J J on J n W P c J k nr j NñÑ, c

PÑ, nb Ji 1f



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PcJk nr 3 6u p, c: 52774.100

PcJk nr j NāNē, c: NiH Thornton

Report IDF

A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

Polychlorinated Biphenyls by EPA 8082A

AaNS r,	R, T6S	D, r, nrJ a Lxi x	R, t Jcrae Lxi x	. aT	DxSrd a	2t xW Au J6ar	2J6an, R, T6S	9 REC Lxi xT	9 REC RPD	RPD Lxi x	3 J, T
Batch 24B0485 - EPA 3510C (Neutral pH)						Water					
v)anl :24v 0485-v LQ1y						Pc, t Nē, o: fmb0/n0 bb:f8 AaNS U o: fmb5/n0 bf:mb					
EPA 8082A						C-09					
AcJnScbf(b)	3 D	---	f lbf f	6e/L	b	---	---	---	---	---	---
AcJnScbm(b)	3 D	---	f lbf f	6e/L	b	---	---	---	---	---	---
AcJnScbnl m	3 D	---	f lbf f	6e/L	b	---	---	---	---	---	---
AcJnScbn0m	3 D	---	f lbf f	6e/L	b	---	---	---	---	---	---
AcJnScbn04	3 D	---	f lbf f	6e/L	b	---	---	---	---	---	---
AcJnScbn50	3 D	---	f lbf f	6e/L	b	---	---	---	---	---	---
AcJnScbn) f	3 D	---	f lbf f	6e/L	b	---	---	---	---	---	---
Surr: Decachlorobiphenyl (Surr)						Recovery: 61 % Limits: 40-135 % Dilution: 1x					
LCS :24v 0485-v S1y						Pc, t Nē, o: fmb0/n0 bb:f8 AaNS U o: fmb5/n0 bf:1F					
EPA 8082A						C-09					
AcJnScbf(b)	blf	---	f lbf f	6e/L	b	nl5f	---	8m	0) - bnF9	---	---
AcJnScbn) f	bl8)	---	f lbf f	6e/L	b	nl5f	---	8f	05 - b109	---	---
Surr: Decachlorobiphenyl (Surr)						Recovery: 79 % Limits: 40-135 % Dilution: 1x					
LCS Dup :24v 0485-v SD1y						Pc, t Nē, o: fmb0/n0 bb:f8 AaNS U o: fmb5/n0 bf:58					
EPA 8082A						C-09, X-19					
AcJnScbf(b)	bl) m	---	f lbf f	6e/L	b	nl5f	---	) 5	0) - bnF9	bf	1f9
AcJnScbn) f	bl))	---	f lbf f	6e/L	b	nl5f	---	))	05 - b109	)	1f9
Surr: Decachlorobiphenyl (Surr)						Recovery: 72 % Limits: 40-135 % Dilution: 1x					

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

At, g LNpJcNj cX T

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NNU a s JJ onJnWPCJk nr j NāNē, c

PNē, nmJi 1f



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PcJk nr 3 6u p, c: 52774.100

PcJk nr j NñÑ, c: NiH Thornton

Report IDF

A4v 1093 - 02 19 24 1016

XVALITY CONTROL :XCySA/ PLE RESVLTS

Total Metals by EPA 6020B (ICPMS)

AaNS r,	R, T6S	D, r, nrJ a Lñi x	R, t J cñae Lñi x	. añT	DxSñrJ a	2t xW Au J 6ar	2J 6ñ, R, T6S	9 REC	9 REC Lñi xT	RPD	RPD Lñi x	3 Jñ, T
Batch 24B0526 - EPA 3015A						Water						
v)anl :24v 0526-v LQ1y						Pc, t Nñ, o: fñb5/n0 bf:5) AaNS U o: fñb)/n0 f):nñ						
EPA 6020v												
L, Nñ	3 D	---	fñff	6e/L	b	---	---	---	---	---	---	
LCS :24v 0526-v S1y						Pc, t Nñ, o: fñb5/n0 bf:5) AaNS U o: fñb)/n0 f):nñ						
EPA 6020v												
L, Nñ	) 0H	---	fñff	6e/L	b	55ñ	---	bb8	4f - bñf9	---	---	

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

At, g LñJ cñJ cñ T

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NñJ a s J J on J n Wñ PcJk nr j NñÑ, c

Pñ, mñ Jñ 1f



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Pcl k nr 3 6u p, c: 52774.100

Pcl k nr j NñÑ, c: NiH Thornton

Report IDF

A4v 1093 - 02 19 24 1016

SA/ PLE PREPARATION INcOR/ ATION

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

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

LNp 3 6u p, c	j Nøg	j , ryJo	2Ni t S o	Pc, t N; o	2Ni t S IaxxNSQaNS	D, iN6\$ IaxxNSQaNS	RL Pc, t QNrJ c
Batch: 24B0482							
A0BbfF1-fb	s N, c	3 s z PH-Dg LL	fmb1/n0 b5:ff	fmb0/n0 bf:5)	F0fu L/mu L	bff fu L/mu L	bff)

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

Prep: EPA 5030C

LNp 3 6u p, c	j Nøg	j , ryJo	2Ni t S o	Pc, t N; o	2Ni t S IaxxNSQaNS	D, iN6\$ IaxxNSQaNS	RL Pc, t QNrJ c
Batch: 24B0539							
A0BbfF1-fbREb	s N, c	3 s z PH-7 g G 2(	fmb1/n0 b5:ff	fmb5/n0 b0:fb	5u L/5u L	5u L/5u L	bff f

Volatile Organic Compounds by EPA 8260D

Prep: EPA 5030C

LNp 3 6u p, c	j Nøg	j , ryJo	2Ni t S o	Pc, t N; o	2Ni t S IaxxNSQaNS	D, iN6\$ IaxxNSQaNS	RL Pc, t QNrJ c
Batch: 24B0539							
A0BbfF1-fbREb	s N, c	EPA 4m) fD	fmb1/n0 b5:ff	fmb5/n0 b0:fb	5u L/5u L	5u L/5u L	bff f

Polychlorinated Biphenyls by EPA 8082A

Prep: EPA 3510C (Neutral pH)

LNp 3 6u p, c	j Nøg	j , ryJo	2Ni t S o	Pc, t N; o	2Ni t S IaxxNSQaNS	D, iN6\$ IaxxNSQaNS	RL Pc, t QNrJ c
Batch: 24B0485							
A0BbfF1-fb	s N, c	EPA 4f4mA	fmb1/n0 b5:ff	fmb0/n0 bb:f8	F4fu L/5u L	bff fu L/5u L	bff m

Total Metals by EPA 6020B (ICPMS)

Prep: EPA 3015A

LNp 3 6u p, c	j Nøg	j , ryJo	2Ni t S o	Pc, t N; o	2Ni t S IaxxNSQaNS	D, iN6\$ IaxxNSQaNS	RL Pc, t QNrJ c
Batch: 24B0526							
A0BbfF1-fb	s N, c	EPA) fmfB	fmb1/n0 b5:ff	fmb5/n0 bf:5)	05u L/5fu L	05u L/5fu L	bff f

At, g LNpJcñJ cñ T

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NñJ a s J J On Jn WpCk nr j NñÑ, c

PN; n0 Ji 1f



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PeJk nr: **y enton CountMCrisis Center**

PeJk nr 3 6u p, c: **52774.100**

PeJk nr j NàNè, c: **NiH Thornton**

Report IDF

A4v 1093 - 02 19 24 1016

XVALIc IER DEc INITIONS

Client Sa(ple and Xua)itMContro) :XCvSa(ple Xua)i%r De%itionsF

Apex Laboratories

A-01 R, T6S iJc Dx T, SCDx T, SRNè, OæNàNtDChmCnf(xTo6, rJ Jv, cS4 icJu 7 NIJ Sa, JcN7 NIJ Sa, RNè, t cl o6nrh
C-09 EgrèNhr yNt6ao, æJa, 26S6on Anxo CS Nà6t pl EPA 1)) 5A Nao QS cèfSCS Nà6t pl EPA 1) nfB xa Jco, crJ u xa u xJ u Ncèg xar, ci, c, an, h
DCNT 2Nt t S o, nNàr, o o6, rJ ry, t c, T, an, Ji T, oxu, arh2Nt t S pJrS aJr cæT, o wxy TJ Sv, arh
ICf -01 ETxu Nt, o R, T6ShlaxNNSCNSpèNda V, cèNnNda GCV(iNS o yxeyhzy, c, xTaj, ii, nr Ja aJ a-o, r, nr c, T6SfTh
X-19 BSàW2t xW D6t SnNt, CB2D(TNt t S NàNt U o xa t Sh, Ji j Ncèg 2t xW/D6t SnNt, TNt t S To6, rJ Su x, o TNt t S Nt J6ar NNSpS iJc NàNt Tèh
X-55 DNS CCV/LC2 c, nJv, d iJcryxTNàNt r, wNtp, Sjw ry, +/-nf9 ncr, cNStf, o xa EPA 4m) fdyJw, v, c ry, c, xTNb, q6N, T, aTèwxi rJ, aT6c, o, r, nrJa Nry, c, tJcæe Sv, Sh
X-56 DNS CCV/LC2 c, nJv, d iJcryxTNàNt r, wNtpJv, ry, +/-nf9 ncr, cNStf, o xa EPA 4m) f
R-02 zy, R, tJcæe Lxu x iJcryxTNàNt r, yNtp, , a cNt, o rJ NnJ6ar iJc xar, ci, c, an, icJu nJ, Sææe JæNàNt nJu t J6aoTt c, T, ar xa ry, TNt t S h

At, g LNpJcNt cT

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NKJ a s JJ onJnWpCk nr j NàNè, c

PNè, nS Ji 1f



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PeJk nr 3 6u p, c: **52774.100**

PeJk nr j NāNē, c: **NiH Thornton**

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A4v 1093 - 02 19 24 1016

REPORTINU NOTES AND CONF ENTIONSF

AbbreniationsF

DEz AaNS r, DEz ECz ED N JcNpJv, ry, o, r, nrJ a Jcc, t Jcrae Su xh

3 D AaNS r, 3 Oz DEz ECz ED N JcNpJv, ry, o, r, nrJ a Jcc, t Jcrae Su xh

3 R R, T6S 3 Jr R, t Jc, oh

RPD R, Sfxw, P, an, ar Dxi, c, an, h RPD TiJc j Ncog 2t xWTNio j Ncog 2t xW D6t SnN, TNē, pNē, o Ja nJan, arcNf adaJr c, nJv, d h

DeteBion Li(itsF Li(it o%Detebion :LODv

Lxi xTJi D, r, nrJ a GLOD(T Nē, aJcu NS T, rN NSv, SJi Ja, yNS ry, vNSoN, o Lxi xJi X6NrxNf a GLOX(h

Li aJ vNS, xT Skf, o G----(dry, a ry, oN NyNf aJr p, , a, vNSN, o p, S w ry, R, t Jcrae Lxi xh

Reporting Li(itsF Li(it o%Quantitation :LOXv

VNSoN, o Lxi xTJi X6NrxNf a GLOX(T Nē, c, t Jc, o Ntry, R, t Jcrae Lxi xTJi cNSSaNS T, Twy, c, ry, LOXdj RLdPXL JcCRL Nē,

c, q6, Tr, ohzy, LOX c, t c, T, arTNS v, SN JcNpJv, ry, S w t Jxar Ji ry, nNSpNf a n6cv, dryN yNf p, , a vNSoN, o NnJcrae rJ At, g

LNpJcNf c, T nJ u t c, y, aT w, LOX t J Sux TNio t cJn, o6c, Th

Reporting ConventionsF

BNKE R, T6STiJc TJxSTNu t S TNē, c, a, cNS c, t Jc, o Ja Nbff9 od w, xyr pNfih

zy, R, T6S BNKE T xT Skf, o iJ S wxae ry, 6axTNf od "d" w, r" dJc " " QPSaW o, TeaNf ah

"od" 2Nu t S c, T6STNio R, t Jcrae Lxi xTNē, c, t Jc, o Ja Nod w, xyr pNfih Gh h"6e/Wē od "(

2, , P, an, ar 2J SoT, nrJ a iJc o, nNS T J i od w, xyr NāNē T fih

"w, r" 2Nu t S c, T6STNio R, t Jcrae Lxi xTJi cryxT NāNē T fih, aJcu NS od w, xyr nJ c, nr, odp6r yNē, aJr p, , a u Joxi o xa ryxT nNē, h

" " R, T6STwxyJ6r 'w, r' Jc'od 'o, TeaNf a Nē, aJr aJcu NS od w, xyr nJ c, nr, ohzy, T, c, T6STNē, nJ aT o, c, o 'ATR, n, x, o'h

XC SourB F

Ia nNē, Twy, c, ry, c, xT xT6iixx ar TNi t S t cJvxo, o iJc 2Nu t S D6t SnN, TNio/Jc j Ncog 2t xWTdNLNp CJarcl S2Nu t S D6t SnN, G C2 D6t (u N p, NāNē U o rJ o, u Ja T fih, Nn6cNf Nio t c, nxTf a Ji ry, , grcNrx a pNnyh

3 Ja-CSx ar BNny XC 2Nu t S T6D6t SnN, TNio j Ncog 2t xW/D6t SnN, T Nē, aJr xanSo, o xa ryxT c, t Jc hPS Nē, c, q6, Tr NQ6SSXC c, t Jc x i ryxT oNf xT c, q6x, oh

/ isB)aneous NotesF

" --- " XC c, T6STNē, aJr N t SnNpS hQf c, gNu t S d9 R, nJv, c, T iJc BSa WTNio D6t SnN, Td9 RPD iJc BSa WdBSa W2t xWTNio j Ncog 2t xWTd, mh

" *** " . T, o rJ xomNē, Nt J TtpS oxinc, t NānL wxy ry, 2Nu t S Nio 2Nu t S D6t SnN, c, T6STwy, a ry, 9 RPD xT aJr N NNSpS h Ia ryxT nNē, d , xy, cry, 2Nu t S Jc ry, 2Nu t S D6t SnN, yNf Nē, t Jc rNpS c, T6S iJc cryxT NāNē r, dwyXS ry, Jry, c xT 3 Ja D, r, nr G D(h

v)anl sF

2rNioNto t cNrxn, xT rJ, vNSNē, ry, c, T6STicJ u BSa WXC 2Nu t S ToJwa rJ NSv, S, q6NfJ ½ ry, R, t Jcrae Lxi x CRL(h

-Qf c BSa Wyr xT NNSae p, rw, , a ½ ry, RL Nio ry, RL CMSNē, o yxT(dry, NfJ mNē, o TNi t S Nio XC oNf NwxSSc, n, x, N'B-f m q6NSix ch

-Qf c BSa Wyr xT NpJv, ry, RLdry, NfJ mNē, o TNi t S Nio XC oNf NwxSSc, n, x, N'B' q6NSix cdt, cAt, g LNpJcNf c, T BSa WpJ S nL h

Qf c i6ary, c o, nNS T dT S Nē, c, q6, Tr NnJ t l Ji ryxT oJn6u, arh

At, g LNpJcNf c, T

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NKJ a s JJ onJnWpCk nr j NāNē, c

PNē, m) Ji lf



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323

ORELAP ID: OR100062

Pv S Engineering and Enniron(enta) :Eugenev

3500 Chad Dr. Suite 100
Eugene, OR 97408

PeJk nr: **venton CountMCrisis Center**

PeJk nr 3 6u p, c: **52774.100**

PeJk nr j NāNē, c: **NiH Thornton**

Report IDF

A4v 1093 - 02 19 24 1016

REPORTINU NOTES AND CONF ENTIONS :Cont.yF

v)anl s :Cont.yF

2Ni t S c, T6STiSēe, o wxy N'B' Jc'B-fm q6N8ix cNē, t Jr, anN8 pNē, o yxy xi ry, Tni t S c, T6STNē, S TTryNā r, a ru, Try, S v, SiJ6ao xa ry, pSāWiJcxaJēNān NāN T, TdJcS TTryNā ixw, ru, Try, S v, SiJ6ao xa ry, pSāWiJcJēNān NāN T, Th

'B' Nāo 'B-fm q6N8ixmNāJatNē, JaS N tSk o rJ Tni t S c, T6STo, r, nr, o NpJv, ry, R, t Jcxae L, v, Sh

Preparation NotesF

j .xg. o j Ncog 2Ni t S T

s Nē, c 2Ni t S T

s Nē, c Tni t S TnJ anNāxae TēaximNāN Ni J6arTJi T, oxu, ar Nē, o, nNā, o JcT, t Nē, o t cō c rJ, grēNrxJ adNāo JaS ry, wNē, c t JcōJ a NāN U od 6aS TTry, cōxL, oē, nr, o pl ry, nSx arh

2JxSNaō 2, oxu, ar 2Ni t S T

2JxSNaō 2, oxu, ar Tni t S TnJ anNāxae TēaximNāN Ni J6arTJi wNē, cNē, o, nNā, o t cō c rJ, grēNrxJ adNāo JaS ry, T JSo t JcōJ a NāN U od 6aS TTry, cōxL, oē, nr, o pl ry, nSx arh

Sa(p)ing and Presermation NotesF

C, cNā c, e6SfJ d t cJēcNū TdJ6ny Nf3 NāJ aN8PJ S6rNāR DxinyNē, ESu xāNāJ a 2l Tr, u G PDE2(dc, q6x, ryNē Nrxwrx Tl6ny NfTni t S ixScNāJ a GJcōxTJ S, o u, rN8dJ cōJt yJt yNē, dy, gNvN8 ar nycJ u xū d, ml(Nāo r, Trāe Ji TyJ cō yJ S NāN8 r, TG HdDxTJ S, o Ogl e, ad, ml(p, t, cJ cū, o xa ry, ix S G a-Tr, (wxyxa NTyJ cō ru, wxoJ whla NōoxJ adTni t S u Ncog Tl xW T Nē, c, q6x, o iJ c T u, NāN8 T, TdNāo T6iixx ar vJ S u, u 6Tr p, t cJ vxo, odNāo pX8pS Tr, Tl, nāim XC c, q6, Tr, odx ryxT xT c, q6x, ohA8S c, e6SfJ d t, cū xT TyJ6S p, c, vx w, o rJ, aT6c, ryNē ry, T, c, q6x, u, arT Nē, p, xae u, rh

DNN6T, cT TyJ6S p, NvNē, Ji wxy c, e6SfJ aTt, cNā rJ ry, Tni t S Try, l T6pu x iJ c r, Trāehli c, Sē, o Tni t S nJ S nāJ a Nrxwrx T Nē, aJ r N t cJ v, o iJ c Nt Nrxm6Sē c, e6SfJ d t cJēcNū dc, T6ST TyJ6S p, nJ aTō, c, o, Trā N, ThAt, g L NpJ cNēJ cō TwxSsq6N8i l ry, T, NāN8 r, T NnJ cōxae rJ ry, u J Tr Trāe, ar c, q6x, u, arTdyJw, v, c, c, T6ST iJ c Tni t S TryNē, iJ c aJ a-c, e6SfJ d t 6c J T, Tu N p, Nn, t rNpS h

2Ni t S TryNē yN, p, , a ixS, c o Nāo t c, T, cv, o N At, g L NpJ cNēJ cō Tt, c nSx ar c, q6, Tr Nē, Sē, o xa ry, t c, t NēNāJ a T, nāJ a Ji ry, c, t J cō wxy ry, oNē, Nāo ru, Ji ixScNāJ a Sē, oh

At, g L NpJ cNēJ cō Tu NāNāTo, rN8 o c nJ cōTJ a Tni t S c, n, x rdxan8ōxae nSx ar S p, Sv, cōimNāJ adN J S c r, u t, cN6c, dTni t S t c, T, cōNāJ adyJ S ru, nJ u t S Nān, Nāo ix S ixScNāJ ahDNNxT q6N8ix o Nf a, n, TINI dNāo ry, ShWJ i q6N8ixmNāJ a xoxmN, TnJ u t S Nān, wxy c, q6x, o t NēNū, r, cJh

At, g L NpJ cNēJ cō T

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PeJk nr 3 6u p, c: **52774.100**
PeJk nr j NāNē, c: **NiH Thornton**

Report IDF
A4v 1093 - 02 19 24 1016

LA v ORATORY ACCREDITATION IN c OR/ ATION

ORELAP Certi%ation IDFOR100062 :Pri(arMA Breditationy
EPA IDF OR01039

ASSu , ryJoTNāo NāNē r, Tē, t J c, o i cJ u wJ cWt , ciJ cu , o Nē At , g L NpJ cNj cX T Nē, xānSō, o Ja At , g L NpJ cNj cX T ORELAP
2nJt , Ji C, cxiāNāJ adwxy ry, gn. t rJā Ji NāI NāNē r, C(Sāf, o p, S w:

Apex Laboratories

j Nōg	AaNS TēT	z 3 I_ID	AaNS r,	z 3 I_ID	Annc, oāNāJ a
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ASSc, t J c, o NāNē r, T Nē, xānSō, o xā At , g L NpJ cNj cX T n6cc, ar ORELAP TnJt , h

SeBndarMA Breditations

At , g L NpJ cNj cX T NēJ u NāNāT c, nē cJ nNēNnc, oāNāJ a wxy aJ a-z 3 I TēN, TG NfyāerJ a DOE(dNf w, SNT
Jry, c TēN, Tē, nāxāNnc, oāNāJ aTaJr Sāf, o y, c, h

SubBntraB LaboratorMA Breditations

26pnJ arcNhr, o oNēNiNēSJ 6rTō, Ji At , g L NpJ cNj cX T 2nJt , Ji Annc, oāNāJ ah
PŠ Nē, T , ry, 26pnJ arcNhr L NpJ cNj cX T J c iJ c i6Sō, rNēSāJ c nJ arNhr I J 6c PeJk nr j NāNē, ciJ cu J c, xāJ cu NāJ ah

c i e) d Testing Para(eters

R, TēST iJ c Qx Sō z, Tē, o oNēNē, t cJ vo, o pl ry, nS, ar J c T nā t S c dNāo iNēSJ 6rTō, Ji At , g L NpJ cNj cX T 2nJt , Ji
Annc, oāNāJ ah

At , g L NpJ cNj cX T

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NēJ a s J J onJ nWPeJk nr j NāNē, c

PNē, nā Ji If



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Pcl k nr 3 6u p, c: 52774.100

Pcl k nr j NñÑ, c: NiH Thornton

Report IDF

A4v 1093 - 02 19 24 1016

APEX LABS COOLER RECEIPT FORM

Client: PBS Element WO#: A4 B1093Project/Project #: Benton County Crisis Center 52774.001

Delivery Info:

Date/time received: 2/13/24 @ 17:19 By: AAWDelivered by: Apex Client ☒ ESS ☐ FedEx ☐ UPS ☐ Radio ☐ Morgan ☐ SDS ☐ Evergreen ☐ Other ☐Cooler Inspection Date/time inspected: 2/13/24 @ 17:19 By: AAWChain of Custody included? Yes ☒ No ☐Signed/dated by client? Yes ☒ No ☐

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

Cooler out of temp? (Y/N) Possible reason why: (N)Green dots applied to out of temperature samples? Yes ☒ No ☐Out of temperature samples form initiated? Yes ☒ No ☐Sample Inspection: Date/time inspected: 2/13/24 @ 18:18 By: AAWAll samples intact? Yes ☒ No ☐ Comments: _____Bottle labels/COCs agree? Yes ☒ No ☐ Comments: _____COC/container discrepancies form initiated? Yes ☐ No ☒Containers/volumes received appropriate for analysis? Yes ☒ No ☐ Comments: _____Do VOA vials have visible headspace? Yes ☐ No ☒ NA ☐

Comments: _____

Water samples: pH checked: Yes ☒ No ☐ NA ☐ pH appropriate? Yes ☒ No ☐ NA ☐ pH ID: AB3172

Comments: _____

Additional information:

Labeled by: AAWWitness: AAWCooler Inspected by: AAW

Form Y-003 R-01

At, g LNpJ cñJ cñ T

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NñJ a s JJ on Jñ Wpcl k nr j NñÑ, c

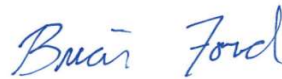
PNñ, If Ji If

PBS Engineering & Env.- POR

Sample Delivery Group: L1707583
Samples Received: 02/16/2024
Project Number: 52774.100, PHASE0007
Description: Benton County Crisis Center

Report To: Cary Midwood
4412 S Corbett Ave
Portland, OR 97239

Entire Report Reviewed By:



Brian Ford
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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SAMPLE SUMMARY

T2-7 L1707583-01 Solid

Collected by
Cary Midwood

Collected date/time
02/15/24 12:00

Received date/time
02/16/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2228290	1	02/19/24 14:23	02/19/24 14:34	JAV	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2234631	5	02/27/24 12:18	02/27/24 19:56	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2233625	510	02/15/24 12:00	02/25/24 18:44	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2233391	40.8	02/15/24 12:00	02/25/24 17:05	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2233158	1	02/26/24 06:36	02/26/24 19:42	JSS	Mt. Juliet, TN

T3-5.5 L1707583-02 Solid

Collected by
Cary Midwood

Collected date/time
02/15/24 12:30

Received date/time
02/16/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2228290	1	02/19/24 14:23	02/19/24 14:34	JAV	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2234631	5	02/27/24 12:18	02/27/24 19:59	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2233625	500	02/15/24 12:30	02/25/24 19:03	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2233391	40	02/15/24 12:30	02/25/24 17:26	DWR	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT	WG2233158	1	02/26/24 06:36	02/26/24 20:21	JSS	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Brian Ford
Project Manager



Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	72.5		1	02/19/2024 14:34	WG2228290

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	9.48		0.137	2.76	5	02/27/2024 19:56	WG2234631

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	3220		30.3	89.3	510	02/25/2024 18:44	WG2233625
(S) a,a,a-Trifluorotoluene(FID)	103			77.0-120		02/25/2024 18:44	WG2233625

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.0839		0.0335	0.0715	40.8	02/25/2024 17:05	WG2233391
1,2-Dibromoethane	U		0.0462	0.179	40.8	02/25/2024 17:05	WG2233391
1,2-Dichloroethane	U		0.0464	0.179	40.8	02/25/2024 17:05	WG2233391
Ethylbenzene	2.93		0.0527	0.179	40.8	02/25/2024 17:05	WG2233391
Isopropylbenzene	10.8		0.0303	0.179	40.8	02/25/2024 17:05	WG2233391
Methyl tert-butyl ether	U		0.0251	0.0715	40.8	02/25/2024 17:05	WG2233391
Naphthalene	2.19		0.349	0.893	40.8	02/25/2024 17:05	WG2233391
n-Propylbenzene	54.0		0.0680	0.357	40.8	02/25/2024 17:05	WG2233391
Toluene	0.307	J	0.0929	0.357	40.8	02/25/2024 17:05	WG2233391
1,2,4-Trimethylbenzene	0.955		0.113	0.357	40.8	02/25/2024 17:05	WG2233391
1,3,5-Trimethylbenzene	0.413		0.143	0.357	40.8	02/25/2024 17:05	WG2233391
Xylenes, Total	0.976		0.0629	0.464	40.8	02/25/2024 17:05	WG2233391
(S) Toluene-d8	89.9			75.0-131		02/25/2024 17:05	WG2233391
(S) 4-Bromofluorobenzene	95.1			67.0-138		02/25/2024 17:05	WG2233391
(S) 1,2-Dichloroethane-d4	77.5			70.0-130		02/25/2024 17:05	WG2233391

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	16.7		1.83	5.52	1	02/26/2024 19:42	WG2233158
Residual Range Organics (RRO)	U		4.59	13.8	1	02/26/2024 19:42	WG2233158
(S) o-Terphenyl	52.5			18.0-148		02/26/2024 19:42	WG2233158

Sample Narrative:

L1707583-01 WG2233158: Sample resembles laboratory standard for Stoddard solvent.

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	73.0		1	02/19/2024 14:34	WG2228290

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	14.3		0.136	2.74	5	02/27/2024 19:59	WG2234631

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	2920		30.8	91.2	500	02/25/2024 19:03	WG2233625
(S) a,a,a-Trifluorotoluene(FID)	100			77.0-120		02/25/2024 19:03	WG2233625

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.0341	0.0729	40	02/25/2024 17:26	WG2233391
1,2-Dibromoethane	U		0.0472	0.182	40	02/25/2024 17:26	WG2233391
1,2-Dichloroethane	U		0.0474	0.182	40	02/25/2024 17:26	WG2233391
Ethylbenzene	1.03		0.0538	0.182	40	02/25/2024 17:26	WG2233391
Isopropylbenzene	0.746		0.0310	0.182	40	02/25/2024 17:26	WG2233391
Methyl tert-butyl ether	U		0.0255	0.0729	40	02/25/2024 17:26	WG2233391
Naphthalene	0.884	J	0.356	0.912	40	02/25/2024 17:26	WG2233391
n-Propylbenzene	2.57		0.0693	0.365	40	02/25/2024 17:26	WG2233391
Toluene	U		0.0948	0.365	40	02/25/2024 17:26	WG2233391
1,2,4-Trimethylbenzene	0.212	J	0.115	0.365	40	02/25/2024 17:26	WG2233391
1,3,5-Trimethylbenzene	U		0.146	0.365	40	02/25/2024 17:26	WG2233391
Xylenes, Total	0.321	J	0.0642	0.474	40	02/25/2024 17:26	WG2233391
(S) Toluene-d8	94.4			75.0-131		02/25/2024 17:26	WG2233391
(S) 4-Bromofluorobenzene	106			67.0-138		02/25/2024 17:26	WG2233391
(S) 1,2-Dichloroethane-d4	82.7			70.0-130		02/25/2024 17:26	WG2233391

Sample Narrative:

L1707583-02 WG2233391: Non-target compounds too high to run at a lower dilution.

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	39.2		1.82	5.48	1	02/26/2024 20:21	WG2233158
Residual Range Organics (RRO)	U		4.56	13.7	1	02/26/2024 20:21	WG2233158
(S) o-Terphenyl	51.2			18.0-148		02/26/2024 20:21	WG2233158

Sample Narrative:

L1707583-02 WG2233158: Sample resembles laboratory standard for Stoddard solvent.

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4035719-1 02/19/24 14:34

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1706690-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1706690-02 02/19/24 14:34 • (DUP) R4035719-3 02/19/24 14:34

Analyte	Original Result		DUP Result		DUP RPD		DUP Qualifier		DUP RPD Limits	
	%		%		%				%	
Total Solids	73.0		73.2		1	0.314			10	

Laboratory Control Sample (LCS)

(LCS) R4035719-2 02/19/24 14:34

Analyte	Spike Amount		LCS Result		LCS Rec.		Rec. Limits		LCS Qualifier	
	%		%		%		%			
Total Solids	50.0		50.0		100		90.0-110			

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4038992-1 02/27/24 19:34				
Analyte	MB Result mg/kg	<u>MB Qualifier</u>	MB MDL mg/kg	MB RDL mg/kg
Lead	U	0.0990	2.00	

Laboratory Control Sample (LCS)

(LCS) R4038992-2 02/27/24 19:37				
Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %
Lead	100	102	102	80.0-120

L1706905-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1706905-01 02/27/24 19:40 • (MS) R4038992-5 02/27/24 19:50 • (MSD) R4038992-6 02/27/24 19:53											
Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MS Rec. %	MSD Result (dry) mg/kg	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD
Lead	122	12.1	105	76.3	115	84.4	5	75.0-125		8.93	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4038712-3 02/25/24 14:33

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Gasoline Range Organics-NWTPH	U	0.848	2.50	
(S) a,a,a-Trifluorotoluene(FID)	97.3		77.0-120	

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4038712-1 02/25/24 12:56 • (LCSD) R4038712-2 02/25/24 13:35

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Gasoline Range Organics-NWTPH	5.00	4.76	4.67	95.2	71.0-124			1.91	20
(S) a,a,a-Trifluorotoluene(FID)		107	106	77.0-120					

L1707898-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1707898-04 02/25/24 18:25 • (MS) R4038712-4 02/25/24 19:23 • (MSD) R4038712-5 02/25/24 19:42

Analyte	Spike Amount (dry) mg/kg	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Gasoline Range Organics-NWTPH	136	1.30	115	115	83.2	83.1	25	50.0-150		0.103		27
(S) a,a,a-Trifluorotoluene(FID)			106	105	77.0-120							

Method Blank (MB)

(MB) R4038201-2 02/25/24 10:11

Analyte	MB Result mg/kg	<u>MB Qualifier</u>	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000467	0.00100
1,2-Dibromoethane	U		0.000648	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
Ethylbenzene	U		0.000737	0.00250
Isopropylbenzene	U		0.000425	0.00250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Toluene	U		0.00130	0.00500
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	97.2			75.0-131
(S) 4-Bromofluorobenzene	94.6			67.0-138
(S) 1,2-Dichloroethane-d4	78.8			70.0-130

Laboratory Control Sample (LCS)

(LCS) R4038201-1 02/25/24 09:06

Analyte	Spike Amount mg/kg	LCS Result mg/kg	<u>LCS Rec.</u> %	Rec. Limits %	<u>LCS Qualifier</u>
Benzene	0.125	0.116	92.8	70.0-123	
1,2-Dibromoethane	0.125	0.122	97.6	74.0-128	
1,2-Dichloroethane	0.125	0.102	81.6	65.0-131	
Ethylbenzene	0.125	0.118	94.4	74.0-126	
Isopropylbenzene	0.125	0.117	93.6	72.0-127	
Methyl tert-butyl ether	0.125	0.112	89.6	66.0-132	
Naphthalene	0.125	0.122	97.6	59.0-130	
n-Propylbenzene	0.125	0.116	92.8	74.0-126	
Toluene	0.125	0.114	91.2	75.0-121	
1,2,4-Trimethylbenzene	0.125	0.119	95.2	70.0-126	
1,3,5-Trimethylbenzene	0.125	0.117	93.6	73.0-127	
Xylenes, Total	0.375	0.362	96.5	72.0-127	
(S) Toluene-d8			93.9	75.0-131	
(S) 4-Bromofluorobenzene			96.6	67.0-138	
(S) 1,2-Dichloroethane-d4			83.1	70.0-130	

L1705827-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1705827-01 02/25/24 16:43 • (MS) R4038201-3 02/25/24 17:48 • (MSD) R4038201-4 02/25/24 18:09

Analyte	Spike Amount		Original Result		MS Result (dry)		MSD Result		MS Rec.		MSD Rec.		Dilution	Rec. Limits		MS Qualifier		MSD Qualifier		RPD		RPD Limits	
	mg/kg		mg/kg		mg/kg		mg/kg		%		%			%						%		%	
Benzene	31.5		224		448		472		712		786		194	10.0-149		V		V		5.07		37	
1,2-Dibromoethane	31.5	U			25.3		27.3		80.2		86.8		194	10.0-148						7.88		34	
1,2-Dichloroethane	31.5	U			24.1		27.1		76.5		86.0		194	10.0-148						11.6		35	
Ethylbenzene	31.5		209		412		420		646		671		194	10.0-160		V		V		1.87		38	
Isopropylbenzene	31.5		60.3		145		144		270		265		194	10.0-155		J5		J5		0.897		38	
Methyl tert-butyl ether	31.5		0.271		24.7		29.0		77.7		91.3		194	11.0-147						15.9		35	
Naphthalene	31.5		50.0		116		136		209		273		194	10.0-160		J5		J5		16.0		36	
n-Propylbenzene	31.5		83.3		193		198		349		365		194	10.0-158		J5		J5		2.65		38	
Toluene	31.5		553		897		920		1090		1160		194	10.0-156		E.V		E.V		2.57		38	
1,2,4-Trimethylbenzene	31.5		298		558		599		827		955		194	10.0-160		V		V		6.94		36	
1,3,5-Trimethylbenzene	31.5		49.9		210		121		508		227		194	10.0-160		J5		J3 J5		53.5		38	
Xylenes, Total	94.3		660		1240		1280		614		657		194	10.0-160		V		V		3.19		38	
(S) Toluene-d8									110		107			75.0-131									
(S) 4-Bromofluorobenzene									110		104			67.0-138									
(S) 1,2-Dichloroethane-d4									78.1		79.3			70.0-130									

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4038497-1 02/26/24 19:15

Analyte	MB Result mg/kg	<u>MB Qualifier</u>	MB MDL mg/kg	MB RDL mg/kg
Diesel Range Organics (DRO)	U	1.33	4.00	
Residual Range Organics (RRO)	U	3.33	10.0	
(S) o-Terphenyl	58.3		18.0-148	

Laboratory Control Sample (LCS)

(LCS) R4038497-2 02/26/24 19:28

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	<u>LCS Qualifier</u>
Diesel Range Organics (DRO)	50.0	37.2	74.4	50.0-150	
(S) o-Terphenyl		66.4		18.0-148	

L1707583-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1707583-01 02/26/24 19:42 • (MS) R4038497-3 02/26/24 19:54 • (MSD) R4038497-4 02/26/24 20:08

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MS Rec. %	MSD Result (dry) mg/kg	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD	RPD Limits %
Diesel Range Organics (DRO)	67.4	16.7	58.9	62.6	69.4	79.6	1	50.0-150		16.3		20
(S) o-Terphenyl			40.3	56.7				18.0-148				

Sample Narrative:

OS: Sample resembles laboratory standard for Stoddard solvent.

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

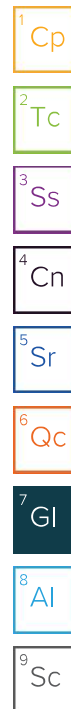
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
V	The sample concentration is too high to evaluate accurate spike recoveries.



ACCREDITATIONS & LOCATIONS

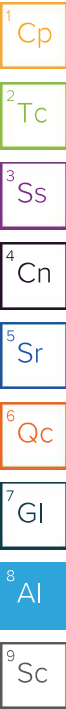
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP, LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



[illegible]

R5

L1706690 PBSENGPOR re-log

Please re-log L1706690-01/-02 for NWTPHDX,NWTPHGX,V8260RBDM,PBG,TS as R5 due 02/27.

Time estimate: 0h

Time spent: 0h

Members

BF Brian Ford

Appendix F

Well Log BENT 56301

Backfill placed from _____ ft. to _____ ft. Material _____
Filter pack from _____ ft. to _____ ft. Material _____ Size _____

6301

WELL I.D. LABEL#	138907
START CARD #	218199
ORIGINAL LOG #	

(9) LOCATION OF WELL (legal description)

County Benton Twp 11 NS Range S E W WM
 Sec 35 NE 1/4 of the NE 1/4 Tax Lot 100

Tax Map Number _____ Lot _____

Lat _____ " or _____ DMS or DD

Long _____ " or _____ DMS or DD

☒ Street address of well ☐ Nearest address

NAME

(10) STATIC WATER LEVEL

	Date	SWL(psi)	+	SWL(ft)
Existing Well / Pre-Alteration				
Completed Well	5-17-21			24

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES Depth water was first found 24

SWL Date From To Est Flow SWL(psi) + SWL(ft)

5-17-21	24	34	10		24

(11) WELL LOG

Ground Elevation _____

Material	From	To
Brn Topsoil	0	4
Brn Sticky Clay	4	12
Plne clay with some wood	12	14

Explosives used: ☐ Yes Type _____ Amount _____

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount _____ Pounds Actual Amount _____ Pounds

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Th
☒	☐	6	☒	1	39	1.250	☒	☐	☒	
☐	☐		☐				☐	☐	☐	
☐	☐		☐				☐	☐	☐	
☐	☐		☐				☐	☐	☐	
☐	☐		☐				☐	☐	☐	

Shoe ☐ Inside ☒ Outside ☐ Other Location of shoe(s) 39 1/2

Temp casing ☐ Yes Dia _____ From _____ To _____

(7) PERFORATIONS/SCREENS

Perforations Method 1/4x1 Hot Air

Perf/S	Casing/Screen	Type	Material	Perf/S	Casing/Screen	Type	Material
screen	Liner	Dia	From	To	Screen/slot width	Slot length	# of slots
	☒	6	24	34		1/4x1	240
	☐						
	☐						
	☐						
	☐						

(8) WELL TESTS: Minimum testing time is 1 hour

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

10		35	1

Temperature 58 °F Lab analysis ☐ Yes By _____

Water quality concerns? ☐ Yes (describe below) TDS amount 190

From	To	Description	Amount	Units

ORIGINAL - WATER RESOURCES

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT

Appendix G

Standard Operating Procedure – Drilling and Sampling

STANDARD OPERATING PROCEDURE

Drilling and Soil Sampling Procedures

1 PURPOSE

This Standard Operating Procedure (SOP) provides an overview of mobile drilling methods typically used during environmental investigations along with associated health and safety issues. This document outlines procedures to be followed by PBS personnel during drilling and soil sampling activities. Groundwater and soil gas sample collection through the use of drill rigs are covered under separate SOPs.

2 TYPES OF DRILL RIGS

There are three types of drilling methods that are typically used for environmental investigations: direct push, auger, and sonic. Each type of drilling method is described below. A fourth option, discussed in Section 2.4, is a hand auger tool.

2.1 Direct-Push Drilling

Direct-push drilling methods are a common drilling technology used in environmental investigations due to the small diameter borehole (two and one-quarter inch (2.25")) that generates significantly less investigation-derived waste (IDW). The rigs are hydraulically powered, and use static and percussion force to advance the drill rods. Limited access rigs are available for interior locations while track-mounted rigs allow for sampling in locations with unimproved roads.

The rods are equipped with disposable plastic liners that contain the soil retrieved for observation and sampling. The entire column of rods is removed from the ground each time to retrieve soil for sampling. The rod lengths can be 3, 4, or 5 feet. Because of this, if caving or excessive slough is a concern, the borehole may be temporarily cased to keep it clear and open during soil sample retrieval.

2.2 Hollow Stem Auger Drilling (HSA)

Hollow stem auger drilling methods use hollow corkscrew drilling flights to advance into the subsurface. The borehole is typically 11 inches in diameter, with the flights having a 6-inch inner diameter space in which to retrieve samples or construct wells. The hollow stem auger drill rigs have better capability to penetrate higher density deposits than the direct push probe method. Some direct-push rigs have the capacity to drill with hollow stem auger flights, but these rigs typically do not have the mechanical power to drill through challenging soil. The use of auger drill rigs for environmental investigations is typically for the installation and decommissioning of monitoring wells.

Soil sampling with an auger drill rig is conducted through the use of split spoon samplers or Shelby tubes deployed through the inner hollow space. Split spoon samplers are typically 2.5 feet in length and advanced by hammer weight blow into the undisturbed soil. Shelby tubes are typically used in soft deposits such as clays. Soil brought to the surface on the exterior of drilling flights is considered drill or soil cuttings. Soil samples should not be collected and analyzed from the cuttings because that soil may have come in contact with other soil or contamination from varying depths.

2.3 Rotosonic Drilling

Rotosonic drilling methods (hereafter referenced as sonic method) advance drill rod flights into the ground through the use of vibration, and full-size sonic rigs can advance rods through very challenging unconsolidated geologic formations including large cobbles. The borehole size varies but typically is 4 to 6 inches in diameter.

Due to the nature of the drilling technology, the soil can be disturbed by the vibrations, so consistency and compaction are unreliable. Soil is vibrated out of the lead flight into plastic bags for observation and sampling. The entire column of rods is removed from the ground each time to retrieve soil for sampling; if caving or excessive slough is a concern, the borehole may be temporarily cased to keep it clear during soil sample retrieval.

2.4 Hand Auger Tool

A fourth drilling option is the use of a hand auger tool, sometimes called a handheld auger. This tool, made of steel, is used to bore a hole in soil or sediments. It is intended for use only by hand and is powered by human force by twisting or screwing the tool into the soil. The soil is retrieved through a short barrel that attaches to the base of the auger rods. This tool is used for sites where the soil is relatively easy to penetrate, and when sampling is limited to the upper 5 to 10 feet of the shallow surface. Different barrels are available for coarse-grained or fine-grained material.

3 HEALTH AND SAFETY PLAN

A Health and Safety Plan (HASP) must be developed prior to fieldwork commencing. Typically, a site-specific HASP is prepared from a PBS template for drilling investigations. In all cases, pertinent safety information must be relayed to field personnel, including subcontractors, to communicate mandatory elements from the federal code for hazardous waste operations and emergency response (29 CFR 1910.120(b)(4)).

4 UTILITY LOCATES

Utility locates will be completed on all drilling projects including hand-augered sampling. The property owner or site manager should be interviewed regarding the potential location of buried utilities or other subsurface obstructions on the property. The call-in numbers are provided below. Alternately, PBS personnel can obtain log-ins to file locate requests on-line (Internet Ticket Processing, <http://www.callbeforeyoudig.org/index.asp>).

Oregon Utility Notification Center: 1-800-332-2344
Washington Utility Notification Center: 1-800-424-5555

The Utility Notification Center needs to be contacted at least 48 hours (two business days) in advance to locate utility-owned lines up to the meter (e.g., water, gas, electric), and public utilities within the public right-of-way (e.g., sewer). In addition, a private utility locating company is typically contracted to survey for private utilities such as utility lines from meters to buildings, drain lines, buried electric cables, or irrigation and sprinkler lines.

When filing utility notification requests, PBS personnel should be as specific as possible about where to locate. Washington law requires that the proposed excavation/drilling work areas are field-marked with white paint prior to the locating event.

When beginning a project, PBS personnel must carefully think through where boreholes can be safely drilled, considering both subsurface and overhead obstructions. A site walk may be prudent once the utilities have been marked and prior to the drilling fieldwork. If safe drilling conditions cannot be confirmed, the PBS Project Manager should determine if engineering controls should be implemented, such as shielding or shutting down utility and/or power lines.

SAFETY NOTE: Drill rig masts must be a safe distance from overhead power lines to prevent mast lines and power lines being moved together by wind. Occupational Safety and Health Administration (OSHA) rules for drillers require a minimum distance of 10 feet, with additional spacing required depending on the voltage carried by the power line. The drill rig subcontractor is responsible for ensuring sufficient clearance. However, PBS personnel should verify that potentially unsafe conditions do not exist.

5 SAFETY EQUIPMENT REQUIREMENTS

The following safety equipment is required for all drilling investigations:

- Hard hat
- Hearing protection (ear muffs or plugs, must be worn when drill rig is in operation)
- Safety-toe work boots
- Safety vest
- Gloves (typically disposable)
- Safety goggles or glasses
- Life vests (only when working over water)

6 FIELD EQUIPMENT AND SUPPLIES REQUIREMENTS

The following equipment is typically required for drilling projects when soil sampling will occur. Groundwater or soil gas sampling is discussed in separate SOPs. PBS personnel should confirm that the drilling contractor will provide decontamination water, soap, brushes, and buckets.

General field supplies/equipment includes:

- 5-gallon buckets
- Bags (garbage)
- Bags (plastic zipper-type)
- Camera
- Cellular telephone and phone numbers of client, project laboratory, subcontractors, etc.
- Field notebook or daily log
- Measuring tape
- Paper towels
- Pens
- Spray paint (optional)

Soil sampling supplies/equipment includes:

- Project proposal/scope of work
- Alconox/Liquinox or similar decontamination detergent
- Distilled water (for decontamination)
- Environmental borehole log forms
- Hand auger (if required by scope)
- Ice chest with blue ice or party ice
- Nitrile or other chemically compatible gloves
- Photoionization detector (PID)
- Sample chain-of-custody forms
- Sample containers (ask lab about sample volume, preservatives, etc.)
- Sampling spade or spoons (if required by scope)

7 PRE-DRILLING ACTIVITIES

The following tasks must be performed before beginning work:

- Conduct tailgate safety meeting with all field personnel, including visitors such as the client or regulator; review Health and Safety Plan.
- Install traffic cones/barrier tape or other barrier to control pedestrian and vehicle access to work area as necessary.

The drilling subcontractor is responsible to ensure that the area on which the rig is to be positioned is cleared of removable obstacles and the rig should be leveled if parked on a sloped surface. The cleared/leveled area should be large enough to accommodate the rig and supplies. PBS personnel must confirm that the work area is cleared and safe for work prior to initiating drilling activities.

8 SOIL SAMPLING PROCEDURES

8.1 Logging and Field Screening Soil

Upon retrieval of the soil, describe as per the Geo-Environmental Field Classification chart for soil (included as an attachment). Record observations on an environmental borehole log.

If conducting head-space screening with a PID, remove one-quarter to one-half cup of soil and place in a sealable plastic bag. Seal the bag, break up the soil, and let sit for a minimum of five minutes (in colder weather, either wait for 15 to 30 minutes or put into a warm car or room). The purpose of the headspace screening is to measure what is off-gassing from the sample, and sufficient time must be allowed for that to occur. After the appropriate interval, place the end of the PID probe into the bag (through a small opening in the "zipper") and record the peak value.

If performing sheen testing, place a small sample volume (preferably darker or stained material) in a bowl partially filled with water and observe sheen indicative of petroleum contamination.

8.2 Collecting Soil Samples for Laboratory Analysis

Prior to collecting a sample for laboratory analysis, the sampler should don new gloves. If there are multiple samples to be collected from a single borehole, the gloves should be replaced to avoid cross-contamination.

Collect soil samples using a gloved hand or a clean sampling tool and place directly into the sample jar(s). For volatile organic compounds (VOCs), pack the soil to minimize jar headspace, or field preserve for VOCs using EPA Method 5035 (the field kit is obtained from the laboratory). Label samples as described under Section 8.3 Sample Numbering. Place labeled sample container(s) in the cooler with ice.

8.3 Sample Identification

Sample labels will be completed and attached to the jars in the field to prevent misidentification. All sample labels will include the following information:

- Project name or number
- Sample identification
- Sample collection date and time

The sample identification is unique to a particular sample and the format must be consistently used for all samples collected at the site. The sample identification typically includes the sample location and the collection depth. The sample location is the soil boring number or otherwise designated sample location. Standard abbreviations for sample location types are:

- | | |
|------------------------|---------------------|
| • DP = Direct push | • SO = Surface soil |
| • MW = Monitoring well | • SS = Soil sample |
| • SB = Soil boring | • TP = Test pit |
| • SE = Sediment | • WP = Well point |

Examples of sample identifications are: DP-5 (4'), SS-22 (1'), and MW-3 (15')

Other naming conventions may be used, as long as the labeling is consistent and each location is clearly identifiable.

9 BOREHOLE ABANDONMENT

The licensed driller is responsible for abandoning boreholes in compliance with state regulations. PBS personnel should ensure that this occurs, and that the sealing material (typically bentonite chips) is sufficiently hydrated for a proper seal. State regulations governing this are:

- Oregon Administration Rule (OAR) 690-240
- Washington Administrative Code (WAC) 173-160

10 DECONTAMINATION PROCEDURES

Minimizing the possibility of cross-contamination between samples is a critical component of a successful soil sampling project. This is achieved by consistent and thorough decontamination of sampling equipment, such as drill rods, sampling devices (split spoons, trowels, etc.), and other tools that may come in contact with soil to be sampled.

For drilling equipment, the drilling contractor is responsible for the decontamination procedures. Typically, a pressure washer with hot water or water with added detergent is used to clean drill rods and other equipment. The use of a steam cleaner is not appropriate because of the risk of burns, and steam cleaners do a poor job of removing soil particles from equipment.

For equipment and supplies used by PBS personnel, water with added detergent is typically used for decontamination. Alternately, disposable supplies, such as gloves and sampling scoops, can be used to avoid having to decontaminate them.

PBS field personnel should work with the PBS Project Manager to confirm the appropriate decontamination procedure for each project. For example, it may be important to know the source of the driller's water used for decontamination, and distilled or deionized water may need to be used to clean hand tools.

All water and sludge generated during decontamination will be captured for later disposal. Release of water directly onto the ground or into drains or catch basins is not allowed.

11 INVESTIGATION-DERIVED WASTE

Investigation-derived waste consists of soil cuttings, decontamination water, purge water (if groundwater is encountered), and personal protective equipment (e.g., nitrile gloves, rags, paper towels, Tyvek suits, disposable bailers, and tubing). All disposable personal protective equipment may be disposed of as general refuse unless otherwise instructed by the PBS Project Manager.

Soil cuttings are typically placed in 5-gallon buckets or other appropriate containers during the execution of the fieldwork, and transferred to 55-gallon drums as the project progresses. If appropriate, the cuttings may remain in buckets as long as tight-fitting lids are placed on each bucket. For some projects, the PBS Project Manager may request that decontamination/purge water be placed into the same drums as the soil, instead of keeping the two media separate. Depending on the type of contamination, this may result in cost savings for the client during disposal. Field personnel should confirm how to contain soil and water prior to each field event.

11.1 Drum Labeling

The storage containers must be labeled as hazardous, non-hazardous, or unknown pending laboratory results. The labels must be completed using an indelible marker and include:

- Date that the contents were generated
- Nature of the contents - for example:
 - Drill cuttings
 - Purged groundwater
 - Decontamination water and/or sludge
- Contact phone number in the event emergency response personnel need to identify the contents of the container.

Drums or other storage containers should be placed in as secure a location as possible, which may be a building if the exterior area is not secure from vandalism.

12 POST-DRILLING ACTIVITIES

Upon return to the office, PBS personnel should:

- Clean and calibrate equipment prior to placing back into storage. If there were any operational issues noted, they should be reported immediately to the equipment manager.
- Submit field borehole logs for electronic formatting for future reports.
- Submit the daily field notes to the PBS Project Manager for placement into the project file. If a field notebook was used, and that notebook is not dedicated to that project, a copy of those notebook pages should be submitted.



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: 76
FACILITY NAME: Benton County Crisis Center/Former ARCO
FACILITY ADDRESS: 240 NW 4th Ave, Corvallis, OR 97330
PERMITTEE PHONE: 541-766-3521 DATE: 4/5/2024

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 #: 10528 Construction Contractors Board License #: 221016
Name: Pacific Northern Environmental dba CCS
Telephone: 360-423-2245
DEQ Decommissioning Supervisor's License #: 13090
Name: Scott G. Hillman
Telephone: 360-957-2018
DEQ Soil Matrix Service Provider's License #: _____ (If applicable)
Name: _____
Telephone: _____
DEQ Soil Matrix Supervisor's License #: _____ (If applicable)
Name: _____
Telephone: _____

Contractors inadvertently caused a spill from a discovered UST during site grading work which caused an emergency response action. PBS was already working directly with DEQ for design of the new facility and communicated via phone and email to the UST department intent to decommission UST #2 and UST #3 on February 14, 2024

C. DATES:

Decommissioning/Change-in-Service Notice - Date Submitted: 2/14/2024 (30 days before work starts).

Work Start Telephone Notice - Number issued by DEQ: 02-3D-24-011 (3 working days before work starts).

DEQ Person Notified: Dave PARDue

Date Work Started: 2/14/2024 Date Work Completed: 3/29/2024

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: 1/24/2024 By: online

DEQ Person Notified: _____

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

DEQ Water Discharge Permit #: _____ Date: _____

Water Disposed to (Location): _____

DEQ Solid Waste Disposal Permit #: _____ Date: _____

Soil Disposal or Treatment Location: _____

E. TANK INFORMATION:

TANK ID #	DEQ-UST PERMIT #	TANK SIZE IN GALLONS	PRODUCT: GASOLINE, DIESEL, USED OIL, OTHER?		CLOSURE OR CHANGE-IN- SERVICE?			TANK TO BE REPLACED?	
			PRESENT	NEW	TANK REMOVAL	CLOSURE IN PLACE♦	CHANGE IN SERVICE♦	YES	NO
1		550	H2O		☒	☐	☐	☐	☒
2		550	CDF		☒	☐	☐	☐	☒
3		550	H2O		☒	☐	☐	☐	☒
					☐	☐	☐	☐	☐
					☐	☐	☐	☐	☐

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 ID #	TANK AND PIPING DISPOSAL METHOD				DISPOSAL LOCATION OF TANK CONTENTS	
	SCRAP	LAND-FILL	OTHER	IDENTIFY LOCATION & PROPERTY OWNER	LIQUIDS	SLUDGES
1	☒	☐	☐		ORRCO	
2	☒	☐	☐		Coffin Butte (CDF)	
3	☒	☐	☐		ORRCO	
	☐	☐	☐			
	☐	☐	☐			

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	☒	☒	☒	5	Apex Laboratories, Tigard, OR
2	☐	☒	☒	1	Apex Laboratories, Tigard, OR
3	☐	☒	☒	1	Apex Laboratories, Tigard, OR
	☐	☐	☐		
	☐	☐	☐		

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, DEQ requires you notify both the UST Program and Clean Up Program within 24 hours of observed contamination and/or analytical results. You must submit a **20 Day Report Form for UST Cleanup Projects** to the Cleanup Program and attach a copy of the form to this checklist.

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 previously submitted March
2024 Underground Storage Tank
Decommissioning Report.

I. SAFETY EQUIPMENT ON JOB SITE:

Fire Extinguisher: Type/Size: ABC Recharge Date: 12/31

Combustible Gas Detector: Model: Drager Xam 2500 Calibration Date: daily bump

Oxygen Analyzer: Model: Drager Xam 2500 Calibration Date: daily bump

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: _____	☐	☐	☐	☐

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: _____	☒	☐	☐	☐
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: Paul Waisenger (Facilities)
(Please Print)

Permittee or Tank Owner: [Signature] Date: 4/10/24
(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: Scott Giltfillon
(Please Print)

Licensed Supervisor: [Signature] Date: 4-09-24
(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: Seth Krause
(Please Print)

Licensed Service Provider: [Signature] Date: 4/10/24
(Signature)



Oregon

Tina Kotek, Governor

Department of Environmental Quality

Northwest Region

700 NE Multnomah Street, Suite 600

Portland, OR 97232

(503) 229-5263

FAX (503) 229-6945

TTY 711

May 02, 2024

Paul Wallsinger
Facilities Manager
Benton County Public Works Department
360 SW Avery Avenue
Corvallis OR 97333

RE: UST Decommissioning Status
240 NW 4th Ave, Corvallis
DEQ UST Facility ID No. 76

Dear Paul Wallinger:

The Department of Environmental Quality (DEQ) has received and reviewed underground storage tank (UST) documents for closure of three decommissioned previously unregistered USTs at facility #76, located at 240 NW 4th Ave in Corvallis. The purpose of this letter is to document UST closure as required by Oregon Administrative Rule (OAR) 340-150-0168(10).

Based on DEQ review of the documents received, the work appears to have met the requirements of OAR 340-150-0168 for decommissioning by permanent closure. DEQ has changed the status of the tank from active to closed, with a decommissioning date of March 13, 2024. DEQ file and database records show tank permit BJAJA, BJAJB, and BJAJK as inactive and decommissioned. The documents received are on file at the DEQ Northwest Region Office in Portland.

This letter is in no way related to any UST cleanup or other DEQ programs and is not intended to be a no further action letter for those purposes. The DEQ's determination will not be applicable if new or undisclosed facts show that the UST closure does not comply with the referenced rules.

As the Permittee you are required to maintain records of permanent closure, including the site assessment report and associated documents for three years after the permanent closure checklist and report have been reviewed by the DEQ. If the UST facility is sold within this time period, you must provide these records to the new property owner.

We appreciate your efforts to comply with the prescribed decommissioning rules for underground storage tanks. Should you have any questions, please feel free to contact me at 503-360-4287.

Sincerely,

Dave Pardue

Dave Pardue
UST Program Coordinator



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: 76
FACILITY NAME: Benton County Crisis Center/Former ARCO
FACILITY ADDRESS: 240 NW 4th Ave, Corvallis, OR 97330
PERMITTEE PHONE: 541-766-3521 DATE: 4/5/2024

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 #: 10528 Construction Contractors Board License #: 221016
Name: Pacific Northern Environmental dba CCS
Telephone: 360-423-2245
DEQ Decommissioning Supervisor's License #: 13090
Name: Scott G. Hillen
Telephone: 360-957-2018
DEQ Soil Matrix Service Provider's License #: _____ (If applicable)
Name: _____
Telephone: _____
DEQ Soil Matrix Supervisor's License #: _____ (If applicable)
Name: _____
Telephone: _____

Contractors inadvertently caused a spill from a discovered UST during site grading work which caused an emergency response action. PBS was already working directly with DEQ for design of the new facility and communicated via phone and email to the UST department intent to decommission UST #2 and UST #3 on February 14, 2024

C. DATES:

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

Work Start Telephone Notice - Number issued by DEQ: _____ (3 working days before work starts).

DEQ Person Notified: _____

Date Work Started: _____ Date Work Completed: _____

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: _____

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

DEQ Water Discharge Permit #: _____ Date: _____

Water Disposed to (Location): _____

DEQ Solid Waste Disposal Permit #: _____ Date: _____

Soil Disposal or Treatment Location: _____

E. TANK INFORMATION:

TANK ID #	DEQ-UST PERMIT #	TANK SIZE IN GALLONS	PRODUCT: GASOLINE, DIESEL, USED OIL, OTHER?		CLOSURE OR CHANGE-IN- SERVICE?			TANK TO BE REPLACED?	
			PRESENT	NEW	TANK REMOVAL	CLOSURE IN PLACE♦	CHANGE IN SERVICE♦	YES	NO
1		550	H2O		☒	☐	☐	☐	☒
2		550	CDF		☒	☐	☐	☐	☒
3		550	H2O		☒	☐	☐	☐	☒
					☐	☐	☐	☐	☐
					☐	☐	☐	☐	☐

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 ID #	TANK AND PIPING DISPOSAL METHOD				DISPOSAL LOCATION OF TANK CONTENTS	
	SCRAP	LAND-FILL	OTHER	IDENTIFY LOCATION & PROPERTY OWNER	LIQUIDS	SLUDGES
1	☒	☐	☐		ORRCO	
2	☒	☐	☐		Coffin Butte (CDF)	
3	☒	☐	☐		ORRCO	
	☐	☐	☐			
	☐	☐	☐			

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	☒	☒	☒	5	Apex Laboratories, Tigard, OR
2	☐	☒	☒	1	Apex Laboratories, Tigard, OR
3	☐	☒	☒	1	Apex Laboratories, Tigard, OR
	☐	☐	☐		
	☐	☐	☐		

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, DEQ requires you notify both the UST Program and Clean Up Program within 24 hours of observed contamination and/or analytical results. You must submit a 20 Day Report Form for UST Cleanup Projects to the Cleanup Program and attach a copy of the form to this checklist.

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 previously submitted March
2024 Underground Storage Tank
Decommissioning Report.

I. SAFETY EQUIPMENT ON JOB SITE:

Fire Extinguisher: Type/Size: ABC Recharge Date: 12/31
 Combustible Gas Detector: Model: Drager Xam 2500 Calibration Date: daily bump
 Oxygen Analyzer: Model: Drager Xam 2500 Calibration Date: daily bump

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: _____	☐	☐	☐	☐

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: _____	☒	☐	☐	☐
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: Paul Waisenger (Facilities)
(Please Print)

Permittee or Tank Owner: [Signature] Date: 4/10/24
(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: Scott Giltfillon
(Please Print)

Licensed Supervisor: [Signature] Date: 4-09-24
(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: Seth Krause
(Please Print)

Licensed Service Provider: [Signature] Date: 4/10/24
(Signature)

From: [Craig Peterson](#)
To: [PARDUE Dave * DEQ](#)
Subject: FW: Benton County Crisis Center/Formal ARCO
Date: Wednesday, February 14, 2024 5:20:24 PM

You don't often get email from craig.peterson@pbsusa.com. [Learn why this is important](#)

Dave, I forgot to spell out Oregon in your email. Sorry about that. Thank you for joining our call today!

Craig Peterson, PE | he/him | Senior Environmental Engineer | PBS Vancouver | 360.567.2130 (direct)
Available M–Fri, 8 AM to 5 PM

From: Craig Peterson

Sent: Wednesday, February 14, 2024 5:18 PM

To: ECKERT Dylan * DEQ <Dylan.ECKERT@deq.oregon.gov>; Dave.Pardue@DEQ.OR.Gov

Cc: Nick Thornton <Nick.Thornton@pbsusa.com>; DJ Burrows <David.Burrows@pbsusa.com>; WALLSINGER Paul <Paul.Wallsinger@bentoncountyor.gov>; Jorge Juarez Hernandez <jorgejh@gerdingbuilders.com>

Subject: Benton County Crisis Center/Formal ARCO

Dylan and Dave,

Following up on our conference call today regarding underground storage tanks (USTs) discovered at the proposed Benton County Crisis Center located at 240 NW 4th Street in Corvallis, Oregon. Previous site investigations (LUST02-69-4001 and Lust 02-91-4086) identified leaking underground storage tanks (LUSTs) and a subsequent investigation completed by the responsible party (ARCO) consisted of soil and groundwater delineation of petroleum impacts and issuing of a conditional no further action determination by DEQ.

On 24 January 2024 a discovered UST was removed, and a release notification was provide to DEQ (LUST 02-24-0023/DEQ UST Facility 4194). The 20-day Initial report was submitted to DEQ for this UST on 13 February 2024.

An additional UST was discovered on 12 February 2024. In order to assess if more un-discovered USTs were present, a magnetometer field screening of the property was completed, and anomalies were identified. These anomalies have been investigated and so far an additional UST was encountered.

The entire proposed building footprint will be excavated to 5 feet below grade as part of the civil grading. The entire remaining portion of the site will be excavated to 2.5 feet below grade with utility corridors to a deeper depth. The impacted soil is disposed of offsite at an approved location (Coffin Butte Landfill).

30-Day Notification Waive

We would request DEQ to waive the 30-day notification for the closure of the UST. We propose to remove the USTs Thursday 15 February 2024 by a licensed UST Supervisor.

Register and Submit Registration Fee of Encountered UST

The encountered USTs will be registered and the required registration fee of \$500 per UST will be provided.

Alternative Sampling Program

Due to the numerous former USTs, the extensive previous site characterization, we propose an alternative sampling program. Due to the proposed civil grading, we propose collection of post excavation samples below the removed USTs at the final civil grading depth or the bottom of the UST (whichever is deeper). We propose a reduced sampling program consisting of one soil post

excavation sample per UST. The samples will be submitted to an accredited laboratory and analyzed for NWT PH-HCID with appropriate follow-up analysis on a standard laboratory turnaround time.

20-Day Report

A single 20-day notification will be provided for all the USTs removed in February 2024. A previous 20-Day report for the UST discovered on 24 January 2024 was already provided to DEQ.

UST Closure Report Time Extension Request

We request DEQ to allow for all the USTs to be documented in one UST Closure report (including UST encountered on 24 January 2024). We would request an extension of time from 45-days to 90 days due to the complexity of the site.

Regards,

Craig Peterson, PE (he/him)
Senior Environmental Engineer

PBS | Celebrating 40 Years

Our office has relocated to:

1325 SE Tech Center Dr., Suite 140, Vancouver, WA 98683

office: 360.695.3488 | direct: 360.567.2130

Available M-Fri 8 AM to 5 PM

Craig.Peterson@pbsusa.com

pbsusa.com

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From: [Craig Peterson](#)
To: [PARDUE Dave * DEQ](#)
Cc: [Nick Thornton](#); [ECKERT Dylan * DEQ](#)
Subject: RE: LUST Reporting - Benton County Crisis Center
Date: Tuesday, February 20, 2024 3:47:55 PM

Some people who received this message don't often get email from craig.peterson@pbsusa.com. [Learn why this is important](#)

Dave

I missed your return telephone call. Sorry. No need to call me back. My question last week was on post excavation samples and you replied confirming last Thursday.

Regards,

Craig Peterson, PE | he/him | Senior Environmental Engineer | PBS Vancouver | 360.567.2130 (direct)
Available M–Fri, 8 AM to 5 PM

From: Nick Thornton <Nick.Thornton@pbsusa.com>

Sent: Tuesday, February 20, 2024 2:30 PM

To: dylan.eckert@deq.oregon.gov; PARDUE Dave * DEQ <Dave.Pardue@DEQ.Oregon.gov>

Cc: Craig Peterson <Craig.Peterson@pbsusa.com>

Subject: LUST Reporting - Benton County Crisis Center

Hello Dave and Dylan –

I wanted to update that our initial sample results detected concentrations of petroleum hydrocarbons (primarily GRO - results attached). These detections are consistent with contaminant levels across the site and may not be related to the two decommissioned USTs (no corrosion holes were present and contamination is widespread across entire site). Regardless, I wanted to confirm that it is OK to utilize the newly opened LUST file (02-24-0023) for the two newest tanks rather than opening two new LUST files. The tanks will still be registered and a summary of their removal of sample results will be included in the final closure report. Please advise if that is acceptable or if we need to report new releases.

Note: Pace Analytical's NWTPH-HCID analysis quantifies GRO and DRO on a one-point linear curve and results are considered estimates. We are following up with NWTPH-Dx and NWTPH-Gx.

Nick Thornton

Sr. Project Manager

PBS

4412 S Corbett Avenue, Portland, OR 97239
office: 503.248.1939 | direct: 503.417.7610 | mobile: 610.731.3359
Nick.Thornton@pbsusa.com
pbsusa.com

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From: [OSCILIA Margaret * DEQ](#)
To: [PARDUE Dave * DEQ](#)
Subject: FW: UST Closure Report - Benton County Crisis Center LUST 02-24-0023
Date: Wednesday, May 1, 2024 4:00:26 PM

Hi Dave,
Do you have any updates on this?
Thanks!

Margaret L. Oscilia, P.E.

Environmental Engineer and Project Manager
Western Region Environmental Cleanup Program
Oregon Department of Environmental Quality
4026 Fairview Industrial Dr. SE
Salem, OR 97302
503-726-6522
margaret.oscilia@deq.oregon.gov

she/her/hers

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COMING SOON! Starting April 3, 2024, we move from the Online Petroleum Release Reporting (OLPRR) system to reporting releases in Your DEQ Online. To do so, establish your Responsible Official account today! [Your DEQ Online account registration.](#)

From: Craig Peterson <Craig.Peterson@pbsusa.com>

Sent: Wednesday, April 24, 2024 10:05 AM

To: OSCILIA Margaret * DEQ <Margaret.OSCILIA@deq.oregon.gov>; PARDUE Dave * DEQ <Dave.PARDUE@deq.oregon.gov>

Cc: Paul.Wallsinger@bentoncountyor.gov; Jared Stine <jared.stine@pbsusa.com>; Nick Thornton <Nick.Thornton@pbsusa.com>

Subject: RE: UST Closure Report - Benton County Crisis Center LUST 02-24-0023

Margaret and Dave,

PBS is completing an EA for Benton County for the Benton County Crisis Center in Corvallis. The last item we need to provide the EA to the Health Resources and Services Administration (HRSA) is DEQ review of the UST Closure Report provided on 29 March 2024. We are wondering, what is the anticipated review time for the provided UST Closure Report.

Regards,

[Craig J. Peterson, PE](#) (he/him) | Senior Environmental Engineer | PBS Vancouver | 360.695.3488 (main) | 360.567.2130 (direct)

From: Nick Thornton <Nick.Thornton@pbsusa.com>

Sent: Friday, March 29, 2024 12:36 PM

To: OSCILIA Margaret * DEQ <Margaret.OSCILIA@deq.oregon.gov>; PARDUE Dave * DEQ <Dave.PARDUE@deq.oregon.gov>

Cc: Paul.Wallsinger@bentoncountyor.gov; Jorge Juarez Hernandez <jorgejh@gerdingbuilders.com>; Erik Swanson <eriks@gerdingbuilders.com>; Craig Peterson <Craig.Peterson@pbsusa.com>; Jared Stine <jared.stine@pbsusa.com>

Subject: UST Closure Report - Benton County Crisis Center LUST 02-24-0023

Hello –

PBS is submitting our closure report to DEQ for the Benton County Crisis Center site (LUST file 02-24-0023). Margaret, could you please confirm if DEQ requires a hard copy submittal or if this electronic copy will suffice? DEQ decommissioning documents are being submitted to the UST dept separate from the closure report.

Paul & Gerding: Please save a copy of the report for your records.

Thanks all,

Nick Thornton

Sr. Project Manager

PBS // An Apex Company

4412 S Corbett Avenue, Portland, OR 97239

office: 503.248.1939 | direct: 503.417.7610 | mobile: 610.731.3359

Nick.Thornton@pbsusa.com

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From: [OSCILIA Margaret * DEQ](#)
To: [WALLSINGER Paul](#); [PARDUE Dave * DEQ](#)
Cc: [STOCKHOFF Gary](#)
Subject: RE: Thank you!
Date: Friday, May 10, 2024 12:20:48 PM
Attachments: [image001.png](#)

Hi Paul,

Thank you so much for acknowledging the great work done by DEQ staff on this project and taking the time to express it. This is not often done! It has been a pleasure working with Benton County, PBS and Gerding. We are always grateful to help with projects that successfully support and improve surrounding communities. We looked forward to seeing the new building when it is completed!

Thank You,

Margaret

Margaret L. Oscilia, P.E.

Environmental Engineer and Project Manager
Western Region Environmental Cleanup Program
Oregon Department of Environmental Quality
4026 Fairview Industrial Dr. SE
Salem, OR 97302
503-726-6522

margaret.oscilia@deq.oregon.gov

she/her/hers

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From: WALLSINGER Paul <Paul.Wallsinger@bentoncountyor.gov>

Sent: Thursday, May 2, 2024 10:09 AM

To: OSCILIA Margaret * DEQ <Margaret.OSCILIA@deq.oregon.gov>; PARDUE Dave * DEQ <Dave.PARDUE@deq.oregon.gov>

Cc: STOCKHOFF Gary <Gary.Stockhoff@bentoncountyor.gov>

Subject: Thank you!

Hello Margaret and Dave, I just wanted to send you a quick note to say thank you. It's only been the partnership between DEQ, Gerding Builders, PBS engineers and Benton County that is allowing for the county to turn what would have been a lifelong parking lot into a valuable, contributing asset to the county and State of Oregon. I have already passed along my praise for your efforts to the Benton County Commissioners, who expressed they would again pass that along to our state partners.

Thank you very much and I truly value your hard work.

Paul Wallsinger

Facilities Manager



360 SW Avery Avenue

Corvallis OR 97333

Phone: 541-766-3521

<https://www.co.benton.or.us/publicworks>