

UST Decommissioning and Cleanup Report

Pacific Pride Cardlock Facility
75719 Rock Crest Street
Rainier, Oregon 97048
ACC Project Number: 10028-020.00
ODEQ LUST ID: 05-25-0029

Prepared for:
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March 12, 2025

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1.0 INTRODUCTION

Wilcox & Flegel (W&F) contracted Anderson Environmental Contracting (AEC) to decommission a cardlock fueling site consisting of three underground storage tanks (USTs) and related fueling equipment by removal at 75719 Rock Crest Street in Rainier, Oregon (Site). W&F subcontracted HydroCon to oversee decommissioning, remedial excavation, sampling, and reporting requirements.

The scope of work that is documented in this report includes UST system decommissioning documentation, site assessment sampling, remedial excavation oversight, confirmation sampling, discussion of laboratory results, and a recommendation for further site characterization using Oregon Department of Environmental Quality (ODEQ) rules and guidelines¹².

1.1 Site Location and Description

The Site is located at 75719 Rock Crest Street in Rainier, Oregon (Figure 1), and the Columbia County Assessor identifies the Site as tax lot #7N2W17BB01200 (or 01200). The Site is bounded to the north by a stormwater ditch and the Columbia River Highway (US Hwy 30), to the east by Rock Crest Street, to the south by Washington Way, and to the west by a commercial property. The Site and properties in the vicinity of the Site are zoned general commercial (C-2) and are located within the city limits of Rainier, Oregon.

The Site was previously developed with an approximately 590 ft² outbuilding and a Pacific Pride-branded cardlock fueling station providing gasoline and diesel products via cardlock dispensers which were constructed in 1968 according to the Columbia County Assessor. The Site was completed with a large asphalt-concrete paved lot. Site features are shown on Figure 2.

Three USTs were located at the Site, located in a subsurface UST pit covered with a concrete slab at the surface, and located immediately south of the Site building, fueling canopy, and dispensers. The previously present USTs were:

- One 12,000-gallon UST containing unleaded gasoline fuel;
- One 12,000-gallon UST containing diesel fuel; and
- One 4,000-gallon UST containing diesel fuel.

The closest residential property is located approximately 150 feet to the south across Washington Way in an upgradient position relative to the Site. The nearest surface water body is the Rinearson Slough located approximately 230 feet north-northwest of the Site across the Columbia River Highway. The Columbia River is located approximately 0.39 miles to the north of the Site.

¹ *Underground Storage Tank Cleanup Manual, Oregon DEQ, originally published December 2000, revised May 2009*

² *Risk-Based Decision Making for the Remediation of Contaminated Sites, Oregon DEQ, published September 22, 2003, updated 2017*

The Site is currently being redeveloped with a new UST fueling system and convenience store, as of March 2025, following the demolition of the Site building and the decommissioning and cleanup of the previous UST fueling system.

2.0 SITE BACKGROUND

According to information available for review on Columbia County's Assessor website and the DEQ LUST database, the Site was constructed in 1968 and was permitted to operate USTs under ODEQ UST Facility Identification No. 6109 (current permit 5-6109-2021-OPER). No spills or releases from the Site were documented on the LUST database. Applicable regulatory background documents are summarized below, and applicable documents are attached in **Appendix A**.

3.0 DECOMMISSIONING AND REMEDIAL EXCAVATION SAMPLING

A discussion of the field work performed at the Site is provided below.

3.1 Pre-Field Activities

3.1.1 Permits

The following permits and notifications were completed prior to the commencement of field activities and submitted to ODEQ:

- 30-day Notice of Intent to Decommission UST (ODEQ)
- Certificate to Decommission (ODEQ)

Copies of the permits are attached in **Appendix A**.

3.1.2 Health and Safety Plan

ACC prepared a site-specific health and safety plan (HASP) to govern health and safety protocols used during field activities at the Site. Work was performed using Occupational Safety and Health Administration (OSHA) Level D work attire consisting of hard hats, safety glasses, protective gloves, high visibility safety vest, and protective boots.

3.1.3 Underground Utility Locates

Prior to the commencement of subsurface activities, a public utility notification was requested through the Oregon One Call service by W&F's decommissioning subcontractor, AEC.

3.2 UST Decommissioning

From January 13 through January 17, 2025, AEC demolished the fuel canopy and removed other ancillary fuel dispensing equipment. The contents of the USTs were gauged and it was determined the USTs contained residual fuels and sludges. The contents of the USTs and associated product lines were removed via vacuum truck. AEC cleaned the interior of the USTs by triple rinsing with a power washer. The vacuum truck was utilized to remove the rinse water from the UST. The residual fuels and rinse water were transported to ORRCO in Portland, Oregon for recycling. Approximately 200 gallons of product sludge and 800 gallons of rinsate were removed from the USTs. Disposal receipts for the product and rinsate are included in **Appendix B**.

On February 17, 2025, the USTs were inerted by ventilation and air monitoring. After vapor levels in the USTs were determined to be at safe levels, the USTs were removed from the excavation. A licensed UST Decommissioning Supervisor from AEC was present to oversee the safe decommissioning of the USTs, and ACC was present to observe and document decommissioning activities and collect compliance samples in accordance with ODEQ rules.

The USTs were single wall steel construction, were observed to be in generally good condition, and no significant corrosion was observed. One hole was observed near the top of the 12,000-gallon diesel UST, but it did not appear to be a source of subsurface petroleum contamination. The USTs were removed from the Site and scrapped at GT Metals and Salvage in Longview, Washington. The UST disposal receipts are included in **Appendix B**. Photographic documentation of site decommissioning activities is included in **Appendix C**.

After the removal of the USTs, potential petroleum-contaminated soil was observed under the eastern end of the 12,000-gallon gasoline (northernmost) UST. Based on the observed good condition of the 12,000-gallon gasoline UST and the immediate presence of petroleum-impacted soil and groundwater under the eastern end of the gasoline UST under the location of the fill port, the presumed source of the release was overfill or spills from the gasoline UST. A release was reported to DEQ on January 23, 2025 upon receipt of analytical results. ODEQ assigned the release as LUST 05-25-0029.

Groundwater was not initially present beneath the USTs, but was observed on a return visit to the Site on February 3, 2025 in the former UST pit.

3.3 Dispensers and Product Lines Decommissioning

On January 20, 2025, AEC removed four dispenser sumps and approximately 40 feet of product piping from the former UST system. ACC oversaw the removal of the equipment and was present to collect compliance soil samples consistent with ODEQ rules.

3.4 Field Screening

Field screening methods were used to evaluate the potential presence of hydrocarbons in soil for laboratory analysis. Field screening consisted of volatile organic vapor measurements using a photoionization detector (PID), sheen testing, visual observations (staining, etc.), and olfactory observations. The PID was calibrated before use at the site to a test gas standard consisting of 100 ppmv isobutylene. A portion of each soil sample was placed in a sealable plastic baggie. The tip of the PID was inserted into the plastic bag in the airspace above the soil sample and the PID measurement was recorded on the field notes. Sheen testing consisted of placing a small portion of soil in clean water and observing the water for the presence of hydrocarbon sheen.

3.5 Site Decommissioning Sampling

3.5.1 Soil Sampling

A total of fifteen compliance soil samples were collected from beneath the USTs, product lines, and fuel dispensers:

- Three soil samples (UST1-W-12, UST1-C-12, UST1-E-12) were collected at a depth of approximately 12 feet bgs under the center and ends of the 12,000-gallon gasoline UST.
- Three soil samples (UST2-W-12, UST2-C-12, UST2-E-12) were collected from a depth of approximately 12 feet bgs under the center and ends of the 12,000-gallon UST.
- Two soil samples (UST3-W-10, UST3-E-10) were collected from a depth of approximately 11 feet bgs under the ends of the 4,000-gallon UST.
- Three soil samples (P01-3 through P03-3) were collected under product lines between the USTs and dispensers.
- Four soil samples (D01-3, D02-3, D03-2.5, D04-2.5) were collected under sumps for the former fuel dispensers.

The selected soil samples were collected directly from the backhoe bucket or with clean hand tools and placed into labeled laboratory prepared jars and sealed with Teflon-lined lids. A new pair of disposable nitrile gloves was used to collect each sample. Soil samples were collected utilizing 5035A field preservation (a preservation method utilized to limit the volatilization of VOCs) and all samples were immediately placed in an ice filled cooler along with chain-of-custody documentation for shipment to Apex Laboratories in Tigard, Oregon. The locations of previous USTs, piping, fuel dispensers, and locations of compliance soil samples are indicated on Figure 2.

3.5.2 Groundwater Sampling

Groundwater was not initially observed in the UST pit following removal of the USTs on January 17, 2025 but was present during a site visit on February 3, 2025. ACC collected a sample of the groundwater (UST-EX-W) present in the UST pit using a clean, disposable bailer. The groundwater

was placed into laboratory supplied containers and delivered with chain-of-custody documentation to Apex Laboratories for analysis.

3.6 Laboratory Analysis

The compliance samples collected from beneath the USTs, product piping and fuel dispensers were analyzed for one or more of the following set of parameters:

- Diesel Range Petroleum Hydrocarbons (DRPH) and Oil Range Petroleum Hydrocarbons (ORPH) by Northwest Method NWTPH-Dx
- Gasoline Range Petroleum Hydrocarbons (GRPH) by Northwest Method NWPTH-Gx
- Risk-Based Volatile Organic Compounds (RBDM VOCs) by EPA Method 8260 (UST1-E-12, UST-EX-W only)
- Polyaromatic Hydrocarbons (PAHs) by EPA Method 8270E SIM (D04-2.5 only)
- Soil samples utilized EPA Method 5035A for the preservation of volatiles.

3.7 Analytical Results

The soil and groundwater analytical results are compared to ODEQ Risk-Based Concentrations (RBCs) for current and future potential receptors (occupational, construction, and excavation worker). Soil and groundwater analytical results are tabulated in Tables 1 and 2, respectively. Laboratory analytical reports are attached in **Appendix D**.

3.7.1 Soil Analytical Results

GRPH was detected at a concentration of 2,160 mg/kg in sample UST1-E-12, collected under the eastern end of the 12,000-gallon gasoline UST. The detected concentration is below applicable RBC concentrations. GRPH was not detected above laboratory method reporting limits (MRLs) in the remaining soil samples.

DRPH was detected at concentrations above the laboratory MRLs in four soil samples. Soil sample D03-2.5, collected under the northeast fuel dispenser, had a detected concentration of 8,780 mg/kg, which exceeds RBC_{ss} for construction worker receptors. The remaining detected DRPH concentrations were below applicable RBCs. DRPH was not detected above laboratory MRLs in the remaining soil samples.

ORPH and BTEX+N were not detected above laboratory MRLs in any other analyzed soil samples.

Minor concentrations of PAHs were detected in soil sample D04-2.5. The detected concentrations of 1-methylnaphthalene, 2-methylnaphthalene, phenanthrene, and pyrene were well below applicable RBCs.

3.7.2 Groundwater Analytical Results

GRPH was detected at a concentration of 440 µg/L and DPRH was detected at a concentration of 286 µg/L. Both detected concentrations are below applicable RBCs.

Benzene, toluene, ethylbenzene, total xylenes were detected at concentrations of 10.8 µg/L, 30.8 µg/L, 4.18 µg/L, and 25.4 µg/L, respectively. 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene were also detected at concentrations of 2.57 µg/L and 9.94 µg/L, respectively. The detected concentrations are below applicable RBCs.

4.0 REMEDIAL EXCAVATION AND SOIL SAMPLING

On February 3, 2025, ACC directed AEC during the excavation of contaminated soils in an effort to remove soil containing concentrations of DRPH in excess of applicable RBCs present under the former location of the northeast fuel dispenser, represented by sample located D03-2.5.

The excavated soil exhibited indications of petroleum contamination including a light petroleum odor, sheen, and moderate response to the PID. No staining was observed. The soil was interpreted to be imported fill sand. Native brown sandy silt soil was encountered at a depth of approximately 9 feet bgs. At the conclusion of the remedial excavation, no indications of petroleum contamination were observed in soil from the sidewalls or floor of the pit. Groundwater was not encountered within the remedial excavation pit.

A total of 57.56 tons of contaminated soil was removed. Soil was excavated to a depth of approximately 9 feet bgs. The soil was loaded directly into truck and trailers and transported to Hillsboro Landfill in Hillsboro, Oregon. Receipts for soil disposal are included in **Appendix B**. Approximate extents of the remedial excavation are shown on **Figure 2**, and photos are included in **Appendix C**.

4.1 Confirmation Sampling

HydroCon collected five soil samples from the sidewalls and bottom of the remedial excavation. Samples were collected in accordance with the procedure described in Section 3.5.1. The sidewall samples were collected at a depth of 7 feet bgs, and a floor sample was collected from the excavation at a depth of approximately 9 feet bgs. Sample locations are shown on Figure 2.

4.2 Laboratory Analysis

The confirmation soil samples collected from the extents of the remedial excavation were analyzed for one or more of the following set of parameters:

- DRPH and ORPH by Northwest Method NWTPH-Dx

- GRPH by Northwest Method NWPTH-Gx
- RBDM VOCs by EPA Method 8260 (ACC04-PF-9 only)
- PAHs by EPA Method 8270E SIM (ACC04-PF-9 only)
- Soil samples utilized EPA Method 5035A for the preservation of volatiles.

4.3 Remedial Excavation Analytical Results

DRPH was detected at concentrations above laboratory MRLs from the north sidewall (129 mg/kg), south sidewall (52.9 mg/kg), and floor 537 (mg/kg). ORPH was detected at concentrations above laboratory MRLs from the west sidewall (75.5 mg/kg) and floor (364 mg/kg). These detected concentrations are below applicable RBCs.

GRPH was detected at concentrations above laboratory MRLs from the west sidewall (36.1 mg/kg) and floor (18.8 mg/kg). The detected concentrations are below applicable RBCs.

RBDM VOCs were not detected above laboratory MRLs in floor sample ACC04-PF-9. Several PAH compounds were detected in sample ACC04-PF-9, however the detected concentrations are well below applicable RBCs.

5.0 DISCUSSION AND RECOMMENDATIONS

During the decommissioning of a registered UST system at the Site, soil and groundwater impacts from petroleum were discovered in soil and groundwater samples collected at required sampling locations under the USTs and fuel dispensers.

Primarily gasoline petroleum contamination was detected under the eastern end of the 12,000-gallon gasoline UST. Groundwater was also collected from the UST pit in this location, and groundwater impacts were also confirmed. The UST appeared to be in good condition, and a possible source of the petroleum impacts is from historical overfills or spills.

Diesel impacts in soil were detected beneath both the northeast and southeast dispensers. Soil concentrations at the northeast dispenser exceeded RBC_{ss} for construction workers, but the concentrations at the southeast dispenser did not exceed applicable RBCs. A remedial excavation successfully removed the impacted soil below the northeast fuel dispenser to a depth of nine feet bgs.

Remaining soil and groundwater concentrations at the Site do not exceed potentially applicable RBCs. However, in accordance with ODEQ rules, additional site characterization is required in order to fully define the lateral and vertical extents of soil and groundwater impacts at the Site.

6.0 QUALIFICATIONS

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

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

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

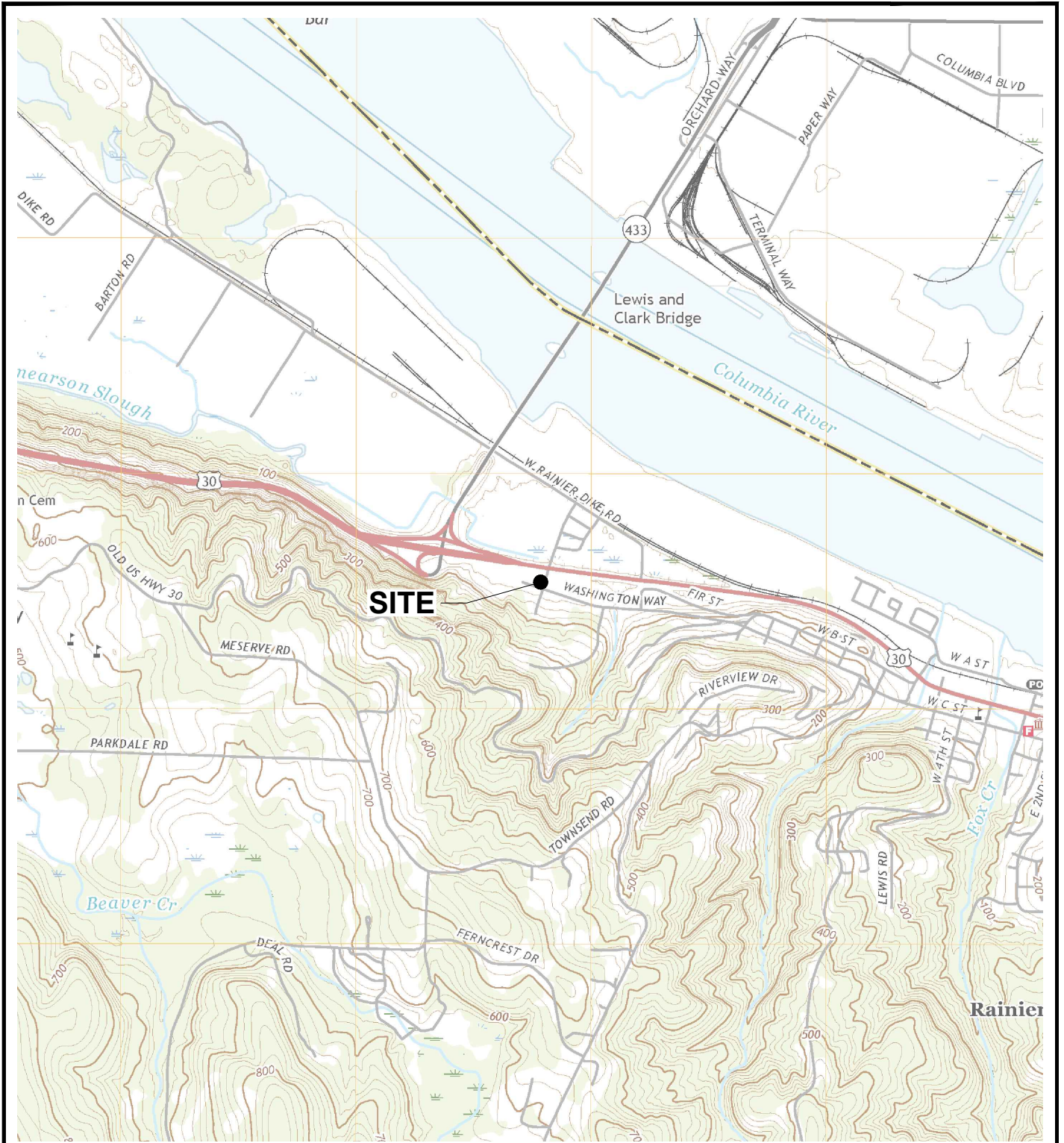
The conclusions presented in this report are, in part, based upon subsurface sampling performed at selected locations and depths. There may be conditions between borings or samples that differ significantly from those presented in this report and which cannot be predicted by this study.

Signature:

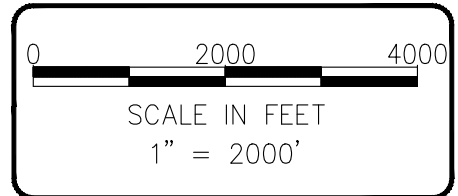
Report Prepared By:



Chris Daschel, RG
Project Geologist



NOTE(S):
 USGS, RAINIER QUADRANGLE
 OREGON-COLUMBIA CO, WASHINGTON-COWLITZ CO.
 7.5 MINUTE SERIES (TOPOGRAPHIC)



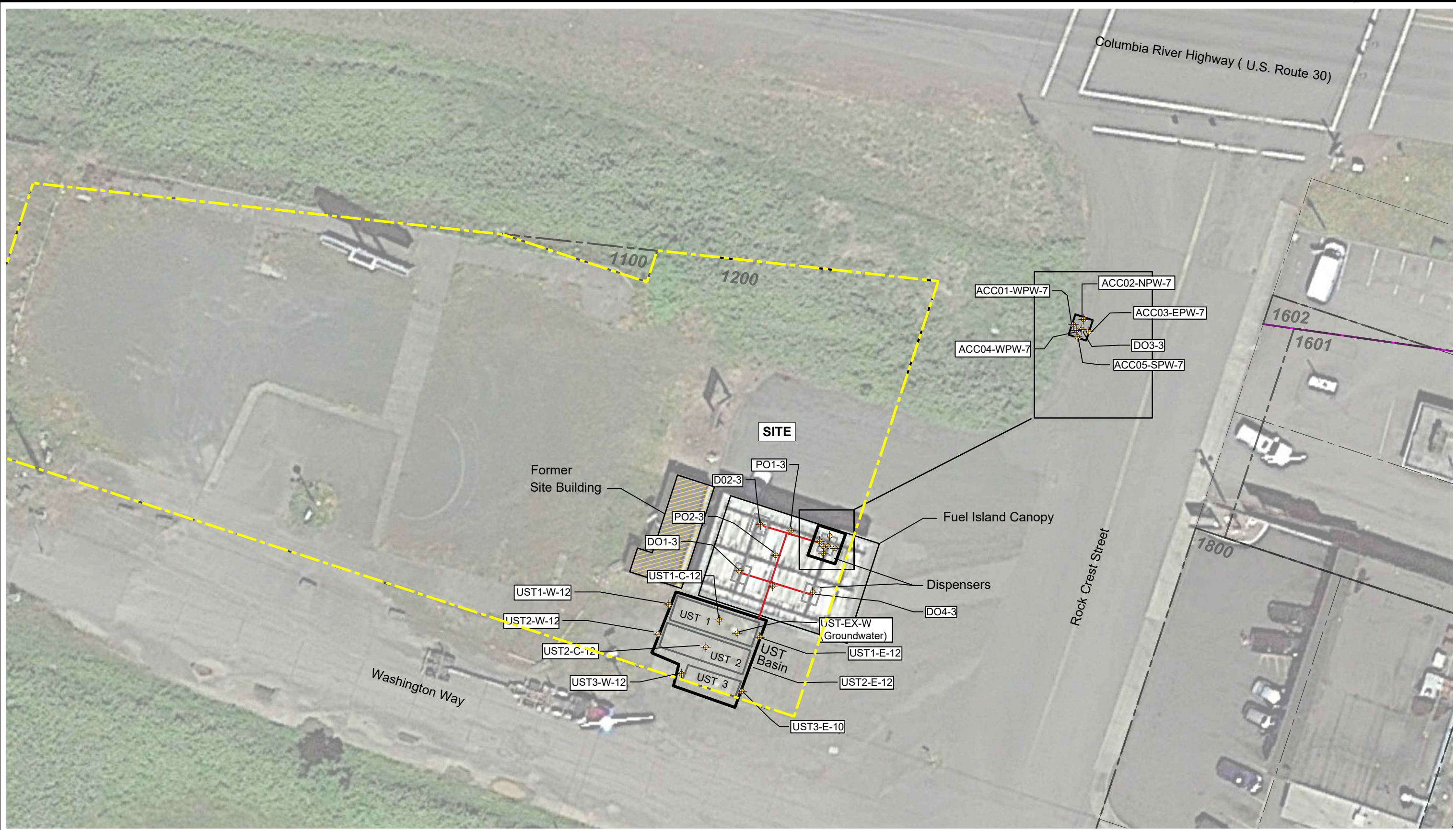
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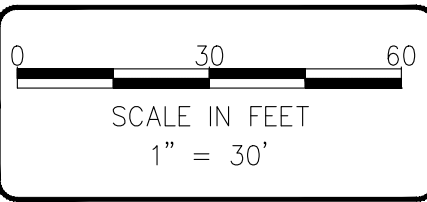
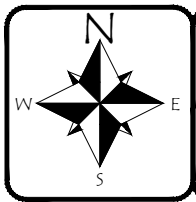
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DATE: 2-21-25
 DWN: SS
 CHK: JT
 APPROVED: CD
 PRJ. MGR: CD
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FIGURE 1
 SITE LOCATION MAP
 PACIFIC PRIDE CARDLOCK
 75719 ROCK CREST STREET
 RAINIER, OREGON



- Legend**
- ✦ Sample Location and Designation
 - - - Subject Site Property Boundary (Approximate)
 - Product Piping



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FIGURE 2
SITE SAMPLING LOCATIONS AND RESULTS
 PACIFIC PRIDE CARDLOCK
 75719 ROCK CREST STREET
 RAINIER, OREGON

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Table 1

Soil Analytical Results Pacific Pride Cardlock 75719 Rock Crest Street, Rainier, OR 97048

Sample Identification	Sample Date	Sample Depth (feet bgs)	Sample Type	Soil Analytical Results in mg/kg																				
				GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylenes, Total	Naphthalene	Acenaphthylene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Flouranthene	Indeno(1,2,3-cd)pyrene	2-Methylnaphthalene	2-Methylnaphthalene	Phenanthrene	Pyrene	Remaining RBDM VOCs + PAHs
UST Decommissioning Compliance Samples																								
UST1-W-12	1/17/2025	12	UST Compliance	<7.05	<23.4	<46.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
UST1-C-12	1/17/2025	12	UST Compliance	<6.75	<24.3	<48.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
UST1-E-12	1/17/2025	12	UST Compliance	2,160	241	<46.4	<0.636	<3.18	<1.59	<4.77	<6.36	-	-	-	-	-	-	-	-	-	-	-	ND	
UST2-W-12	1/17/2025	12	UST Compliance	<7.28	<24.7	<49.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
UST2-C-12	1/17/2025	12	UST Compliance	<7.32	<24.7	<49.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
UST2-E-12	1/17/2025	12	UST Compliance	<6.34	<22.8	<45.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
UST3-W-10	1/17/2025	10	UST Compliance	<5.94	<23.4	<46.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
UST3-E-10	1/17/2025	10	UST Compliance	<6.99	<24.0	<47.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
D01-3	1/17/2025	3	SW Dispenser	<6.09	<18.9	<37.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
D02-3	1/20/2025	3	NW Dispenser	<5.82	38.7	<37.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
D03-2.5	1/20/2025	2.5	NE Dispenser	<5.82	8,780	<757	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
D04-2.5	1/17/2025	2.5	SE Dispenser	<6.28	1,780	<194	-	-	-	<0.0293	<0.0293	<0.0293	<0.0293	<0.0293	<0.0293	<0.0293	<0.0293	0.0544	0.0861	0.0517	0.118	ND		
P01-3	1/20/2025	3	Product Piping	<5.66	<18.2	<36.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
P02-3	1/20/2025	3	Product Piping	<6.30	<18.5	<37.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
P03-3	1/20/2025	3	Product Piping	<7.01	<18.2	<36.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Remedial Excavation Soil Samples																								
ACC01-WPW-7	2/3/2025	7	West Sidewall	36.1	<23.7	75.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ACC02-NPW-7	2/3/2025	7	North Sidewall	<6.39	129	<38.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ACC03-EPW-7	2/3/2025	7	East Sidewall	<7.46	<20.7	<41.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ACC04-PF-9	2/3/2025	9	Floor	18.8	537	304	<0.0143	<0.0713	<0.0357	<0.107	<0.143	0.0155	0.0322	0.0500	0.0541	0.0180	0.0474	0.0917	0.0369	<0.0126	<0.0126	0.0655	0.0988	
ACC05-SPW-7	2/3/2025	7	South Sidewall	<6.51	52.9	<41.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Applicable DEQ Risk-Based Concentrations¹																								
Volatilization to Outdoor Air (RBC₅₀)																								
Occupational				69,000	>Max	>Max	50	>Csat	160	>Csat	83	>Max	>Csat	-	-	-	-	-	-	-	-	-	>Max	-
Soil Ingestion, Dermal Contact, and Inhalation (RBC₅₀)																								
Occupational Worker				20,000	14,000	36,000	37	88,000	150	25,000	23	70,000	21	2.1	21	2,100	2,100	30,000	21	-	-	-	23,000	-
Construction Worker				9,700	4,600	11,000	380	28,000	1,700	20,000	580	21,000	170	17	170	17,000	17,000	10,000	170	-	-	-	7,500	-
Excavation Worker				>Max	>Max	>Max	11,000	770,000	49,000	560,000	16,000	590,000	4,800	490	4,900	490,000	490,000	280,000	4,900	-	-	-	210,000	-

NOTES:
 bgs = below ground surface
 Chemical analyses performed by APEX Labs of Tigard, Oregon.
 Gasoline-Range Total Petroleum Hydrocarbons (GRPH) analyzed by Northwest Method NWTPH-Gx.
 Diesel-Range & Oil-Range Total Petroleum Hydrocarbons (DRPH) analyzed by Northwest Method NWTPH-Dx.
 BTEX + Naphthalene analyzed by EPA Method 8260D.
¹Oregon Department of Environmental Quality (DEQ). Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites (June 2023 update)
 mg/kg = milligrams per kilogram (parts per million)
 Bold indicates analyte detection.
 *"<6.09" indicates the analyte was not detected above the laboratory reporting limit.
 >Csat = this soil RBC exceeds the limit of three-phase equilibrium partitioning.
 >Max = this constituent RBC for this pathway is calculated as greater than 1,000,000 mg/kg. Therefore, this substance is deemed to not pose risks in this scenario.
 Shaded indicates sample location removed via remedial excavation
 ND = Not detected above laboratory method reporting limits (MRLs)



Table 2
Groundwater Analytical Results
Pacific Pride Cardlock
75719 Rock Crest Street, Rainier, OR 97048

Sample ID	Sample Date	Groundwater Analytical Results in µg/L											
		Fuels			Volatile Organic Compounds (VOCs)								
		GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylenes, Total	Naphthalene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Remaining RBDM VOCs	
UST Pit Water													
UST-EX-W	2/3/25	440	286	<158	10.8	30.8	4.18	25.4	<5.00	2.57	9.94	ND	
Applicable DEQ Risk-Based Concentrations¹													
Vapor Intrusion into Buildings (RBC_{wi})													
Commercial	*Chronic*	520	1,700	1,500	12	150,000	31	3,300	50	2,400	1,700	---	
	Acute	---	---	---	650	160,000	420,000	200,000	83,000	---	---	---	
Volatilization to Outdoor Air (RBC_{wo})													
Occupational		>S	>S	>S	14,000	>S	43,000	>S	16,000	---	---	---	
Groundwater in Excavation (RBC_{we})													
Cons. & Exc. Worker		14,000	>S	>S	1,800	220,000	4,500	23,000	500	6,300	7,500	---	

NOTES:

Chemical analyses performed by APEX Labs of Tigard, Oregon.

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

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

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

RBDM Compunds analyzed by EPA Method 8260D

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

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

Bold indicates analyte detection above MRL.

RED denotes concentration exceeds applicable RBC

"<100" indicates the analyte was not detected above the laboratory reporting limit.

>S = this groundwater RBC exceeds the solubility limit.

(---) No value exists for this Screening value

ND = Not detected above method laboratory reporting limits (MRLs)

APPENDIX A
PERMITS / ODEQ DOCUMENTS



**OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND STORAGE TANK PROGRAM**

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

1. FACILITY (Location of Tanks) (Please Print) Name: _____ Address: _____ _____ Phone: _____ DEQ General Permit Operating Certificate Number: _____ Work To Be Performed By: _____ License # _____ (Permittee, Tank Owner, Property Owner or Licensed Service Provider) (Service Provider) Phone: _____ Mobile Phone: _____	2. PERMITTEE (Please Print) Name: _____ Address: _____ _____ Phone: _____
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------

**THIS FORM MUST BE SUBMITTED BY UST PERMITTEE 30 DAYS BEFORE START OF WORK
YOU MUST CONTACT YOUR LOCAL DEQ REGIONAL OFFICE 3-DAYS BEFORE STARTING ANY
DECOMMISSIONING WORK. (Phone numbers are listed on Page 2)**

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

Date decommissioning is scheduled to begin: _____

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

- * If decommissioned tank(s) are to be replaced by new underground storage tanks you must submit a *General Permit Registration Form to Install and Operate USTs* for the new tanks **30 days** before installing them.
- ♦ Submit a soil sampling plan to the DEQ regional office and receive plan approval prior to starting work if (1) tank is to be decommissioned in-place, (2) tank contents are changed to an unregulated substance or (3) tank contains a regulated substance other than petroleum.

Permittee: _____ <p align="center"><i>(Please Print)</i></p>	
Permittee: _____ <p align="center"><i>(Signature)</i></p>	Date: _____

THIS NOTICE AND THE 3-DAY TELEPHONE NOTICE ARE REQUIRED prior to starting decommissioning work on a regulated underground storage tank (UST). Decommissioning work includes but is not limited to excavation and removal of the tank and its appurtenances, removal of underground piping (product, vent and vapor recovery piping), soil sampling, and groundwater sampling. (Decommissioning USTs or completing a change-in-service must be done in accordance with the conditions and requirements of OAR 340-150-0166, the general permit to decommission USTs).

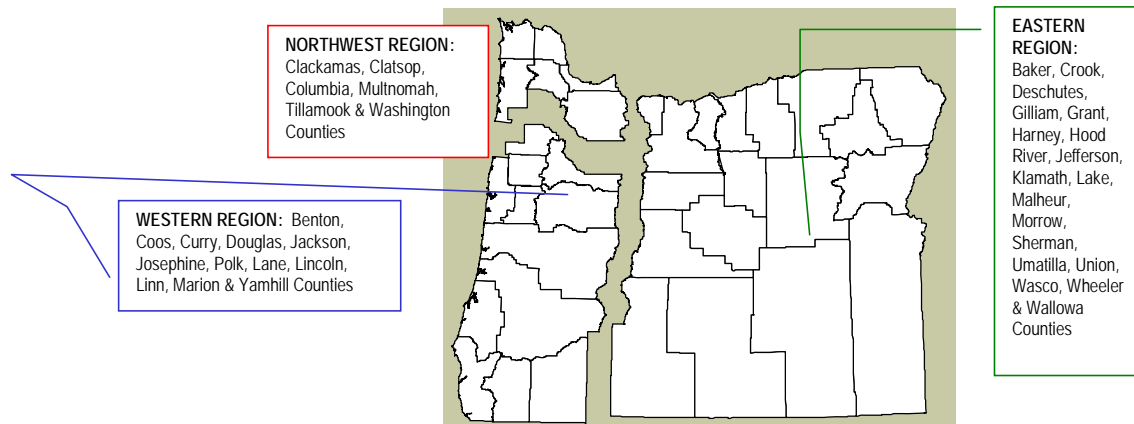
THIS NOTICE IS NOT REQUIRED for decommissioning unregulated tanks. To determine whether an underground tank is regulated please refer to OAR 340-150-0008 for UST's that are excluded or deferred from regulation, and OAR 340-150-0010 (82) for the definition of a UST, or contact DEQ. (Examples are heating oil, and most residential or farm motor fuel tanks under 1100 gallons.)

ALL PAST DUE UST GENERAL PERMIT ANNUAL COMPLIANCE FEES MUST BE PAID before this decommissioning notice will be accepted by DEQ.

MAKE SURE THIS FORM IS COMPLETE WITH ALL ATTACHMENTS as a notice that is incomplete will not be accepted.

RETURN COMPLETED AND SIGNED FORM TO THE DEQ REGIONAL OFFICE FOR YOUR AREA (Addresses are listed below).

**3-DAY NOTICE: Contact your local DEQ Regional Office 3-days before starting work.
(Phone numbers are listed below).**



<p>EASTERN REGION / BEND 475 NE BELLEVUE, SUITE 110 BEND, OR 97701 Phone: 541-388-6146 Fax: 541-388-8283</p>	<p>WESTERN REGION / COOS BAY 381 N SECOND STREET COOS BAY 97420 Phone: 541-269-2721 Fax: 541-269-7984</p>	<p>WESTERN REGION / MEDFORD 221 STEWART AVE., SUITE 201 MEDFORD, OR 97501 Phone: 541-776-6010 Fax: 541-776-6262</p>
<p>NORTHWEST REGION 700 NE MULTNOMAH ST. PORTLAND, OR 97232 Phone: 503-229-5263 Fax: 503-229-6945</p>	<p>WESTERN REGION / EUGENE 165 EAST 7TH AVE., SUITE 100 EUGENE, OR 97401 Phone: 541-686-7838 Fax: 541-686-7551</p>	

**For information or assistance with this form call (503) 229-6652 or the UST HELPLINE:
1-800-742-7878 (Toll Free in Oregon).**

Program information, registration forms, administrative rules and other publications can also be found on our Homepage at:

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



State of Oregon
Department of
Environmental
Quality

Department of Environmental Quality
700 NE Multnomah St, Suite 600,
Portland, OR 97232
(503)229-6652

UNDERGROUND STORAGE TANK PROGRAM GENERAL PERMIT REGISTRATION CERTIFICATE TO DECOMMISSION

For Facility # 6109

ISSUED TO:

Wilson Oil, Inc.
Zabrinna Coleman
PO Box 69
Longview, Washington
98632

TANK OWNER:

Zabrinna Coleman

PERMITTEE:

Wilson Oil, Inc.

DECOMMISSION CERTIFICATE NUMBER

5-6109-DECOM

FACILITY NAME AND LOCATION

RAINIER PACIFIC PRIDE
75719 ROCK CREST ST
RAINIER Oregon
97048

REGULATION TYPE: Decommission

TANK PERMIT:

TANK ID NO:

TANK SIZE:

TANK CONTENTS:

Issued in accordance with the provisions of compliance laws ORS Chapter 466.706 to 466.835, 466.994 and 466.995 and associated compliance rules OAR 340-150-0001 to -0620 and 340-151-0001 to -0025. Issued in accordance with the provisions of cleanup laws ORS 465.200 to 465.455 and 465.900 and associated cleanup rules OAR 340-1220205 to -0360.

The Oregon Department of Environmental Quality issues this decommission certificate with the understanding that the permittee will decommission underground storage tanks in accordance with the conditions and requirements of the general permit to decommission pursuant to OAR 340-150-0168. This decommission certificate remains valid until such time as DEQ terminates the permits for the above tanks. Certificates may be suspended or revoked for failure by the permittee to comply with the conditions and requirements of the general permit to decommission or applicable statutes or rules. .

ISSUE DATE : 2025-01-21

Mark Drouin

Underground Storage Tanks Compliance Program Manager

Regulated Substance Delivery Not Authorized



Facility Summary Report - UST

Oregon Department of Environmental Quality
700 NE Multnomah Street, Suite 600 Portland, Oregon 97232-4100

3/6/2025
10:21:47 AM

General Information										
Facility ID (YDO)	DEQ DB ID	Facility Name	Phone Number	Current OPER CERT NO	Issued Date	Address	City, State, ZIP	County	Region	LUST Facility
83113	(6109)	RAINIER PACIFIC PRIDE		5-6109-INST	01/29/2025	75719 ROCK CREST ST	RAINIER, OR 97048	Columbia	Northwest	YES
Last TCR	Training Exempt	Training Date								
09/14/2021	N	01/27/2010								

Financial Responsibility Mechanism			
Financial Responsibility	FR in compliance	Begin Date	End Date
Pollution Liability Insurance	N	02/01/2024	02/01/2025
Pollution Liability Insurance	N	04/25/2023	02/01/2024
Pollution Liability Insurance	N	04/25/2023	02/01/2024
Pollution Liability Insurance	N	04/25/2022	04/25/2023
Pollution Liability Insurance	N	04/25/2021	04/25/2022
Pollution Liability Insurance	N	04/25/2020	04/25/2021
Pollution Liability Insurance	N	04/25/2019	04/25/2020
Pollution Liability Insurance	N	04/25/2018	04/25/2019
Pollution Liability Insurance	N	04/25/2017	04/25/2018
Pollution Liability Insurance	N	04/25/2016	04/25/2017
Pollution Liability Insurance	N	04/25/2015	04/25/2016
Pollution Liability Insurance	N	04/25/2014	04/25/2015
Pollution Liability Insurance	N	04/25/2013	04/25/2014
Pollution Liability Insurance	N	04/25/2012	04/25/2013
Pollution Liability Insurance	N	04/25/2011	04/25/2012
Pollution Liability Insurance	N	04/25/2010	04/25/2011
Pollution Liability Insurance	N	04/25/2009	04/25/2010
Pollution Liability Insurance	N	04/25/2008	04/25/2009
Pollution Liability Insurance	N	04/25/2007	04/25/2008

Oregon Department of Environmental Quality 700 NE Multnomah Street, Suite 600 Portland, Oregon 97232-4100							
Tank ID	Permit #	Tank Status	Age	Gallons	Tank Content	EGen	Material
1	BKDGG	Operation		12000	Gasoline	N	Cathodically Protected Steel
1A	83113_O	Installation	0	10000	Diesel	N	Fiberglass Reinforced Plastic
2C	83113_K	Installation	0	6000	Gasoline	N	Fiberglass Reinforced Plastic
2A	83113_M	Installation	0	6000	Other	N	Fiberglass Reinforced Plastic
2B	83113_L	Installation	0	14000	Diesel	N	Fiberglass Reinforced Plastic
1B	83113_N	Installation	0	16000	Gasoline	N	Fiberglass Reinforced Plastic
3	BKDGJ	Operation		4000	Diesel	N	Cathodically Protected Steel
2	BKDGH	Operation		12000	Diesel	N	Cathodically Protected Steel

Facility Contact					
Owner Type	Contact	Organization	Address	City, St, ZIP	Phone
Permittee	Zabrina Coleman	Wilson Oil dba Wilcox + Flegel	75719 Rock Crest St	Rainier, Oregon 97048-2403	800-438-9656
Property Owner	Zabrina Coleman	Wilson Oil dba Wilcox + Flegel	75719 Rock Crest St	Rainier, Oregon 97048-2403	800-438-9656
Tank Owner	Zabrina Coleman	Wilson Oil dba Wilcox + Flegel	75719 Rock Crest St	Rainier, Oregon 97048-2403	800-438-9656

LUST Information		
LUST Log Number	Final Invoice Date	Date Closed
05-25-0029		

Compliance Payment			
Invoice Number	Status	Tank Fee	Fee Rcvd Amount
LQUST2501493	PENDING	1014.00	0.0000

Tank Construction Detail of Active Tanks															
Tank Code	Certificate	Est Gallons	Installation Date	Lining Date	Cathodic Date	Tank Manufacture	Pipe Manufacture	Spill Device Type	Overfill Device Type	Tank Construction	Substance	Tank Release Detection	Pipe Material	Pipe Type	Pipe Release Detection
1	Operation	12000				Unknown				Single Wall	Gasoline	Automatic tank gauging release detection method			Line Tightness Testing
3	Operation	4000				Unknown				Single Wall	Diesel	Automatic tank gauging release detection method			Line Tightness Testing
2	Operation	12000				Unknown				Single Wall	Diesel	Automatic tank gauging release detection method			Line Tightness Testing



Submittal Receipt

Department of Environmental Quality, State of Oregon

700 NE Multnomah Street, Suite 600 Portland, OR 97232-4100

Date Created: 1/23/2025

Submittal Summary

Submittal ID: **19482**

Facility (project site): **RAINIER PACIFIC PRIDE**

Submittal: **LUST - Report Release from Regulated, Unregulated, or HOT UST System**

Submitted By: **Zabrinna Coleman**

Email: zcoleman@wilcoxandflegel.com

Submitted Date: **2025-01-23 11:28:55**

Submittal Form Info

Submittal Name: **LUST - Report Release from Regulated, Unregulated, or HOT UST System**

Submission Method: **Online**

Action Type: **New**

Payment Information

There is no payment due at this time.

Certification

Statement: **I, as the Responsible Officer or delegated by the Accounting Officer, declare that the information provided in this application or attached to the application is, to the best of my knowledge, in all respects factually true and correct. I am aware that the supply of false or misleading information in the application form is a criminal offence.**

Question:

Question's Answer: *********

PIN Number: *********

IP Address: **152.44.144.178**

Responsible Official: **Zabrinna Coleman**



LUST – Report Release from Regulated, Unregulated, or HOT UST System

RID 19482

Submitted Date 1/23/2025

Tank Type

Regulated Underground Storage Tank

Incident Information

Date Submitted

2025-01-23

Date Discovered

2025-01-21

Name

Wilson Oil Inc.

Facility ID

293769

Physical Location

75719 ROCK CREST ST, RAINIER, OR 97048 (46.0948,-122.964)

[Create new project](#)

Township

Range

Section

Size(acres)

0

County

Tax Lot(s)

Tax Lot(s)

Mail Contacts

Responsible Party

Zabrina Coleman

Wilson Oil dba Wilcox + Flegel

Environmental Specialist

zcoleman@wilcoxandflegel.com

800-438-9656

360-880-4907

 75719 Rock Crest St, Rainier, OR 97048-2403

Invoice Contact

Same as above permittee

Mikah Clancy

 **Wilson Oil dba Wilcox + Flegel**

 **Accounts Payable Supervisor**

 **apteam@wilcoxandflegel.com**

 **800-438-9656x4255**

 **PO Box 69, Longview, WA 98632**

Other Contact (Optional)

Contact Type

Consultant

Chris Daschel

 **ACC Environmental Consultants, Inc.**

 **Project Manager**

 **cdaschel@accenv.com**

 **360-569-1765**

 **503-891-4128**

 **3925 NE 72nd Ave, Suite 103, Vancouver, WA 98661**

Site Assessment

Discovery

Decommissioning

Cause

Unknown

Source

Dispenser

Confirmation

Contractor

Contaminants

Heating Oil Diesel Motor Fuel Other Pet. Dist. Unleaded Gasoline

- Waste Oil Chemical Leaded Gasoline Lubricant
 MTBE Miscellaneous Gasoline Solvent Unknown

Impacted Media

- Drinking Water Groundwater Surface Water Soil
 Vapors Free Product

Comments

While decommissioning the site contamination was found beneath the east end of the UST closest to the canopy and the dispensers.

APPENDIX B
DISPOSAL RECEIPTS

Customer Copy # 1



GT Metals & Salvage
2001 38th Ave., Longview, WA

Ticket# 141443

\$256.00

Gross	Tare	Net	Price	Total
Unprepared Iron				
18,140	14,840	3,300	\$155.00 ton	\$255.75
<i>4000 diesel tank offroad</i>				
Subtotal				\$255.75
Rounding Amount				\$0.25
Total				\$256.00

Ticket# 141443

Paid On: 01/22/2025 03:13 PM . Paid by: Kandy Hill

To: Anderson Environmental

, kelso, WA 98626

Address

Driver Name ID/License

Started by: Kandy Hill

Paid: \$256.00 (Cash)

DISCLAIMER:

Ownership: I hereby state that I am the lawful owner of the material described heron, that I have a right to sell same, that all State redemption material listed is in fact valid State redemption material and that for payment received in full, hereby acknowledged, I sell and convey title of same to GT Metals & Salvage.

X

Clare Kelso
signature

Thank You For Recycling With Us Today!
Reduce. Re-use. Recycle.

Powered by: ScrapRight.com

Customer Copy # 1

GT METALS & SALVAGE
(360) 423-9327

GT Metals & Salvage
2001 38th Ave., Longview, WA

Ticket# 141871

Gross	Tare	Net	Price	Total
Unprepared Iron				
10,020	0			
Unprepared Iron				
10,160	0			
Unprepared Iron				
25,600	17,860			

Subtotal
Rounding Amount

Total

Ticket# 141871

To: Anderson Enviromental
, kelso, WA 98626

Address

Driver Name ID/License

Started by: Kandy Hill

Paid:

DISCLAIMER:

Ownership: I hereby state that I am the lawful owner of the material described heron, that I have a right to sell same, that all State redemption material listed is in fact valid State redemption material and that for payment received in full,

hereby acknowledged, I sell and convey title of same to GT Metals & Salvage.

X

signature

Thank You For Recycling With Us Today!
Reduce. Re-use. Recycle.

Powered by: ScrapRight.com



Oil Re-Refining Company, Inc.

RECEIVED

By Susan Vaughn at 2:40 pm, Jan 27, 2025

Invoice

Date	Invoice #
1/20/2025	471104

Bill To
Anderson Environmental Contracting, LLC 705 Colorado St Kelso, WA 98626-5506

Ship To
Job#24-4120

Resell Expires	12/31/2017
----------------	------------

Option	P.O. Number	Terms	Due Date	Ship Date	Bill of Lading	Account #
Email - see notes		30 Days Net	2/19/2025	1/17/2025	R1250117010	9315

Item Code	Description	U/M	Quantity	Price Each	Amount
Truck Wash Out	Truck Wash Out	Ea	1		
XRF Analysis T...	XRF Analysis Testing In House	Ea	1		
Wastewater (oil ...	For recycling, Flash Point > 200 F. pH: HCDT/CDT test:	Gal	800		
Oily Solids (gall...	For recycling, Flash Point > 200 F. CDT test:	Gal	200		

ComputerEase Invoice Entry Data					
Job Number:	24-4120	Approved By:	SG		
GL Code:	\$130.40	Voucher Number:	100293		
Cost Code:	D	Entered By:	Susan Vaughn	Date Entered:	01/28/25

			Total
--	--	--	--------------

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

Payments/Credits
Balance Due
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.



INVOICE

Customer ID:

3-87009-85005

Customer Name:

ANDERSON ENVIRONMENTAL

Service Period:

02/01/25-02/28/25

Invoice Date:

03/01/2025

Invoice Number:

0115169-1515-1

How to Contact Us

Visit wmsolutions.com
Log in to manage disposal records and tonnage reports. To pay a bill or explore other online tools, visit wm.com/MyWM. Have a question? Fill out the Contact Us Form at WMSolutions.com or contact Customer Service.



Customer Service:
(800) 963-4776

Your Payment is Due

If full payment of the invoiced amount is not received within your contractual terms, you may be charged a monthly late charge of 2.5% of the unpaid amount, with a minimum monthly charge of \$5, or such late charge allowed under applicable law, regulation or contract.

Your Total Due

Previous Balance	+	Payments	+	Adjustments	+	Current Invoice Charges	=	Total Account Balance Due
		0.00		0.00				

DETAILS OF SERVICE

Details for Service Location: Anderson Environmental, 705 Colorado Street, Kelso WA 98626-5506
Customer ID: 3-87009-85005

Description	Date	Ticket	Quantity	Unit of Measure	Rate	Amount
Vehicle#: 24-PUP PO#:24-4120 Cont. Soil - Petroleum, PMT is RGC Energy/Administrative Fee Profile # 144323OR Generator WILCOX & FLEGEL 75719 ROCKCREST ST RAINIER Manifest#: 75719 Ticket Total	02/03/25	1746020	27.82 1.00	TON PCT		
Vehicle#: 9-PUP	02/03/25	1746040				

✂ ----- Please detach and send the lower portion with payment ----- (no cash or staples) -----

WM
 HILLSBORO LANDFILL INC.
 HILLSBORO LANDFILL
 PO BOX 3020
 MONROE, WI 53566-8320
 (800) 963-4776
 TSCWESTERN@WM.COM

Invoice Date	Invoice Number	Customer ID (Include with your payment)
03/01/2025	0115169-1515-1	3-87009-85005
Payment Terms	Total Due	Amount
Total Due by 03/31/2025		

1515000038700985005001151690000109205600001101256 3

11574L06

ANDERSON ENVIRONMENTAL
705 COLORADO STREET
KELSO WA 98626-5506

Remit To: **WM CORPORATE SERVICES, INC.**
AS PAYMENT AGENT
PO BOX 541065
LOS ANGELES, CA 90054-1065

DETAILS OF SERVICE - continued

Details for Service Location: Anderson Environmental, 705 Colorado Street, Kelso WA 98626-5506 **Customer ID:** 3-87009-85005

Description	Date	Ticket	Quantity	Unit of Measure	Rate	Amount
PO#:24-4120 Cont. Soil - Petroleum, PMT is RGC Energy/Administrative Fee Profile # 144323OR Generator WILCOX & FLEGEL 75719 ROCKCREST ST RAINIER Manifest#: 00123 Ticket Total			29.74 1.00	TON PCT		

GREENER WAYS TO PAY

Please choose one of these payment options:



AutoPay
Set up recurring payments with us at wm.com/myaccount



Online
Use wm.com for quick and easy payments



By Phone
Pay 24/7 by calling (866) 964-2729

You Spoke. We Listened.



Your invoice is getting a new look. Scan the QR code to explore the simplified design coming in early 2025.

New Payment Platform

Here are more details about our enhanced online bill-pay system. Powered by Paymentus, the platform will provide more options and flexibility when managing and paying your bills.



Expanded payment options.

Pay with PayPal, Apple Pay, or Google Pay; via secure direct debit from a bank account; or by credit or debit card.

Anytime, anywhere payments.

Same great 24/7 availability so you can make payments when convenient or set it and forget it with AutoPay.

Complete Hub for account activity.

Continue to view and manage your bills directly from **My WM** (wm.com/mywm).

If your service is suspended for non-payment, you may be charged a Resume charge to restart your service. For each returned check, a charge will be assessed on your next invoice equal to the maximum amount permitted by applicable state law.

<input type="checkbox"/> Check Here to Change Contact Info		<input type="checkbox"/> Check Here to Sign Up for Automatic Payment Enrollment	
List your new billing information below. For a change of service address, please contact WM.		If I enroll in Automatic Payment services, I authorize WM to pay my invoice by electronically deducting money from my bank account. I can cancel authorization by notifying WM at wm.com or by calling the customer service number listed on my invoice. Your enrollment could take 1-2 billing cycles for Automatic Payments to take effect. Continue to submit payment until page one of your invoice reflects that your payment will be deducted.	
Address 1		Email	
Address 2			
City		Date	
State			
Zip		Bank Account Holder Signature	
Email			
Date Valid			

NOTICE: By sending your check, you are authorizing the Company to use information on your check to make a one-time electronic debit to your account at the financial institution indicated on your check. The electronic debit will be for the amount of your check and may occur as soon as the same day we receive your check.

In order for us to service your account or to collect any amounts you may owe (for non-marketing or solicitation purposes), we may contact you by telephone at any telephone number that you provided in connection with your account, including wireless telephone numbers, which could result in charges to you. Methods of contact may include text messages and using pre-recorded/artificial voice messages and/or use of an automatic dialing device, as applicable. We may also contact you by email or other methods as provided in our contract.

Please send all bankruptcy correspondence to RMCbankruptcy@wm.com or PO Box 43290 Phoenix, AZ 85080. Using the email option will expedite your request. (this language is in compliance with 11 USC 342(c)(2) of the Bankruptcy Code)

APPENDIX C
SITE PHOTOGRAPHS

UST Decommissioning, Site Assessment, Remedial Excavation

75719 Rock Crest Street ■ Rainier, OR

Project No. 10028-020.00 ■ Photo Dates: January-February 2025



Photo #1 Three USTs, looking southeast to northwest



Photo #2 Removing residual product/sludge from USTs prior to cleaning and ventilation



Photo #3 Ventilation of USTs



Photo #4 Dispenser locations after dispenser removal, prior to sump removal from ground



Photo #5 Removing USTs from pit



Photo #6 Staging USTs on-site prior to recycling. USTs appear in good condition

UST Decommissioning, Site Assessment, Remedial Excavation

75719 Rock Crest Street ■ Rainier, OR

Project No. 10028-020.00 ■ Photo Dates: January-February 2025

A·C·C
ENVIRONMENTAL
CONSULTANTS

An Employee Owned Company



Photo #7 Sampling under product lines



Photo #8 Sampling under dispenser sump following removal



Photo #9 Remedial Excavation at northeast dispenser location



Photo #10 Groundwater in former UST pit on February 3, 2025

APPENDIX D
LABORATORY REPORTS AND CHAIN-OF-CUSTODY
DOCUMENTATION



ANALYTICAL REPORT

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

Thursday, January 23, 2025

Chris Daschel
ACC Environmental Consultants, Inc.
3925 NE 72nd Ave. Suite 103
Vancouver, WA 98661

RE: A5A1315 - Rainier Pac Pride - 10028-020.00

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 A5A1315, which was received by the laboratory on 1/17/2025 at 5:23:00PM.

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

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

Cooler Receipt Information		
<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	1.3	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.



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Cameron O'Brien, Project Manager



ANALYTICAL REPORT

Apex Laboratories, LLC

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

ACC Environmental Consultants, Inc. 3925 NE 72nd Ave. Suite 103 Vancouver, WA 98661	Project: Rainier Pac Pride Project Number: 10028-020.00 Project Manager: Chris Daschel	Report ID: A5A1315 - 01 23 25 1603
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ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
UST1-W-12	A5A1315-01	Soil	01/17/25 13:25	01/17/25 17:23
UST1-C-12	A5A1315-02	Soil	01/17/25 13:40	01/17/25 17:23
UST1-E-12	A5A1315-03	Soil	01/17/25 13:43	01/17/25 17:23
UST2-W-12	A5A1315-04	Soil	01/17/25 13:10	01/17/25 17:23
UST2-C-12	A5A1315-05	Soil	01/17/25 13:55	01/17/25 17:23
UST2-E-12	A5A1315-06	Soil	01/17/25 14:05	01/17/25 17:23
UST3-W-10	A5A1315-07	Soil	01/17/25 14:20	01/17/25 17:23
UST3-E-10	A5A1315-08	Soil	01/17/25 14:15	01/17/25 17:23
D01-3	A5A1315-09	Soil	01/17/25 14:55	01/17/25 17:23
D04-2.5	A5A1315-10	Soil	01/17/25 15:10	01/17/25 17:23

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--------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------

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
UST1-W-12 (A5A1315-01)				Matrix: Soil		Batch: 25A0638		CONT
Diesel	ND	---	23.4	mg/kg dry	1	01/20/25 23:43	NWTPH-Dx	
Oil	ND	---	46.9	mg/kg dry	1	01/20/25 23:43	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 82 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/20/25 23:43</i>	<i>NWTPH-Dx</i>	
UST1-C-12 (A5A1315-02)				Matrix: Soil		Batch: 25A0638		
Diesel	ND	---	24.3	mg/kg dry	1	01/21/25 01:25	NWTPH-Dx	
Oil	ND	---	48.6	mg/kg dry	1	01/21/25 01:25	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 91 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/21/25 01:25</i>	<i>NWTPH-Dx</i>	
UST1-E-12 (A5A1315-03)				Matrix: Soil		Batch: 25A0638		CONT
Diesel	241	---	23.2	mg/kg dry	1	01/21/25 01:45	NWTPH-Dx	F-18
Oil	ND	---	46.4	mg/kg dry	1	01/21/25 01:45	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 90 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/21/25 01:45</i>	<i>NWTPH-Dx</i>	
UST2-W-12 (A5A1315-04)				Matrix: Soil		Batch: 25A0638		CONT
Diesel	ND	---	24.7	mg/kg dry	1	01/21/25 02:05	NWTPH-Dx	
Oil	ND	---	49.4	mg/kg dry	1	01/21/25 02:05	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 87 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/21/25 02:05</i>	<i>NWTPH-Dx</i>	
UST2-C-12 (A5A1315-05)				Matrix: Soil		Batch: 25A0638		
Diesel	ND	---	24.7	mg/kg dry	1	01/21/25 02:25	NWTPH-Dx	
Oil	ND	---	49.4	mg/kg dry	1	01/21/25 02:25	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 84 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/21/25 02:25</i>	<i>NWTPH-Dx</i>	
UST2-E-12 (A5A1315-06)				Matrix: Soil		Batch: 25A0638		CONT
Diesel	ND	---	22.8	mg/kg dry	1	01/21/25 02:46	NWTPH-Dx	
Oil	ND	---	45.6	mg/kg dry	1	01/21/25 02:46	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 77 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/21/25 02:46</i>	<i>NWTPH-Dx</i>	
UST3-W-10 (A5A1315-07)				Matrix: Soil		Batch: 25A0638		CONT
Diesel	ND	---	23.4	mg/kg dry	1	01/21/25 03:06	NWTPH-Dx	
Oil	ND	---	46.8	mg/kg dry	1	01/21/25 03:06	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 89 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/21/25 03:06</i>	<i>NWTPH-Dx</i>	

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ORELAP ID: OR100062

ACC Environmental Consultants, Inc. 3925 NE 72nd Ave. Suite 103 Vancouver, WA 98661	Project: Rainier Pac Pride Project Number: 10028-020.00 Project Manager: Chris Daschel	Report ID: A5A1315 - 01 23 25 1603
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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
UST3-E-10 (A5A1315-08)				Matrix: Soil		Batch: 25A0638		CONT
Diesel	ND	---	24.0	mg/kg dry	1	01/21/25 03:26	NWTPH-Dx	
Oil	ND	---	47.9	mg/kg dry	1	01/21/25 03:26	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 90 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/21/25 03:26</i>	<i>NWTPH-Dx</i>	
D01-3 (A5A1315-09)				Matrix: Soil		Batch: 25A0638		CONT
Diesel	ND	---	18.9	mg/kg dry	1	01/21/25 03:46	NWTPH-Dx	
Oil	ND	---	37.8	mg/kg dry	1	01/21/25 03:46	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 93 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/21/25 03:46</i>	<i>NWTPH-Dx</i>	
D04-2.5 (A5A1315-10)				Matrix: Soil		Batch: 25A0638		CONT
Diesel	1780	---	97.1	mg/kg dry	5	01/21/25 04:07	NWTPH-Dx	F-11
Oil	ND	---	194	mg/kg dry	5	01/21/25 04:07	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 95 %</i>	<i>Limits: 50-150 %</i>	<i>5</i>	<i>01/21/25 04:07</i>	<i>NWTPH-Dx</i>	<i>S-05</i>

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Cameron O'Brien, Project Manager



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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
UST1-W-12 (A5A1315-01)				Matrix: Soil		Batch: 25A0643		
Gasoline Range Organics	ND	---	7.05	mg/kg dry	50	01/20/25 16:22	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 105 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/20/25 16:22</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>95 %</i>	<i>50-150 %</i>	<i>1</i>	<i>01/20/25 16:22</i>	<i>NWTPH-Gx (MS)</i>	
UST1-C-12 (A5A1315-02)				Matrix: Soil		Batch: 25A0643		
Gasoline Range Organics	ND	---	6.75	mg/kg dry	50	01/20/25 16:50	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 107 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/20/25 16:50</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>96 %</i>	<i>50-150 %</i>	<i>1</i>	<i>01/20/25 16:50</i>	<i>NWTPH-Gx (MS)</i>	
UST1-E-12 (A5A1315-03)				Matrix: Soil		Batch: 25A0643		
Gasoline Range Organics	2160	---	318	mg/kg dry	2000	01/20/25 21:23	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 100 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/20/25 21:23</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>92 %</i>	<i>50-150 %</i>	<i>1</i>	<i>01/20/25 21:23</i>	<i>NWTPH-Gx (MS)</i>	
UST2-W-12 (A5A1315-04)				Matrix: Soil		Batch: 25A0643		
Gasoline Range Organics	ND	---	7.28	mg/kg dry	50	01/20/25 17:17	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 101 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/20/25 17:17</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>97 %</i>	<i>50-150 %</i>	<i>1</i>	<i>01/20/25 17:17</i>	<i>NWTPH-Gx (MS)</i>	
UST2-C-12 (A5A1315-05)				Matrix: Soil		Batch: 25A0643		
Gasoline Range Organics	ND	---	7.32	mg/kg dry	50	01/20/25 17:44	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 100 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/20/25 17:44</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>97 %</i>	<i>50-150 %</i>	<i>1</i>	<i>01/20/25 17:44</i>	<i>NWTPH-Gx (MS)</i>	
UST2-E-12 (A5A1315-06)				Matrix: Soil		Batch: 25A0643		
Gasoline Range Organics	ND	---	6.34	mg/kg dry	50	01/20/25 18:11	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 106 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/20/25 18:11</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>98 %</i>	<i>50-150 %</i>	<i>1</i>	<i>01/20/25 18:11</i>	<i>NWTPH-Gx (MS)</i>	
UST3-W-10 (A5A1315-07)				Matrix: Soil		Batch: 25A0643		
Gasoline Range Organics	ND	---	5.94	mg/kg dry	50	01/20/25 18:39	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 103 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/20/25 18:39</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>99 %</i>	<i>50-150 %</i>	<i>1</i>	<i>01/20/25 18:39</i>	<i>NWTPH-Gx (MS)</i>	

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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
UST3-E-10 (A5A1315-08)				Matrix: Soil		Batch: 25A0643		
Gasoline Range Organics	ND	---	6.99	mg/kg dry	50	01/20/25 19:06	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 104 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/20/25 19:06</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>99 %</i>	<i>50-150 %</i>	<i>1</i>	<i>01/20/25 19:06</i>	<i>NWTPH-Gx (MS)</i>	
D01-3 (A5A1315-09)				Matrix: Soil		Batch: 25A0643		
Gasoline Range Organics	ND	---	6.09	mg/kg dry	50	01/20/25 19:33	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 101 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/20/25 19:33</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>100 %</i>	<i>50-150 %</i>	<i>1</i>	<i>01/20/25 19:33</i>	<i>NWTPH-Gx (MS)</i>	
D04-2.5 (A5A1315-10)				Matrix: Soil		Batch: 25A0643		
Gasoline Range Organics	ND	---	6.28	mg/kg dry	50	01/20/25 20:01	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 103 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/20/25 20:01</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>101 %</i>	<i>50-150 %</i>	<i>1</i>	<i>01/20/25 20:01</i>	<i>NWTPH-Gx (MS)</i>	

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ANALYTICAL SAMPLE RESULTS

Selected Volatile Organic Compounds by EPA 5035A/8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
UST1-E-12 (A5A1315-03)				Matrix: Soil		Batch: 25A0643		
Benzene	ND	---	0.636	mg/kg dry	2000	01/20/25 21:23	5035A/8260D	
Toluene	ND	---	3.18	mg/kg dry	2000	01/20/25 21:23	5035A/8260D	
Ethylbenzene	ND	---	1.59	mg/kg dry	2000	01/20/25 21:23	5035A/8260D	
Xylenes, total	ND	---	4.77	mg/kg dry	2000	01/20/25 21:23	5035A/8260D	
Methyl tert-butyl ether (MTBE)	ND	---	3.18	mg/kg dry	2000	01/20/25 21:23	5035A/8260D	
Naphthalene	ND	---	6.36	mg/kg dry	2000	01/20/25 21:23	5035A/8260D	
1,2-Dibromoethane (EDB)	ND	---	3.18	mg/kg dry	2000	01/20/25 21:23	5035A/8260D	
1,2-Dichloroethane (EDC)	ND	---	1.59	mg/kg dry	2000	01/20/25 21:23	5035A/8260D	
Isopropylbenzene	ND	---	3.18	mg/kg dry	2000	01/20/25 21:23	5035A/8260D	
1,2,4-Trimethylbenzene	ND	---	3.18	mg/kg dry	2000	01/20/25 21:23	5035A/8260D	
1,3,5-Trimethylbenzene	ND	---	3.18	mg/kg dry	2000	01/20/25 21:23	5035A/8260D	
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>			<i>Recovery: 105 %</i>	<i>Limits: 80-120 %</i>	<i>1</i>	<i>01/20/25 21:23</i>	<i>5035A/8260D</i>	
<i>Toluene-d8 (Surr)</i>			<i>95 %</i>	<i>80-120 %</i>	<i>1</i>	<i>01/20/25 21:23</i>	<i>5035A/8260D</i>	
<i>4-Bromofluorobenzene (Surr)</i>			<i>100 %</i>	<i>79-120 %</i>	<i>1</i>	<i>01/20/25 21:23</i>	<i>5035A/8260D</i>	

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ANALYTICAL SAMPLE RESULTS

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

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
D04-2.5 (A5A1315-10)				Matrix: Soil		Batch: 25A0724		CONT
Acenaphthene	ND	---	0.0293	mg/kg dry	3	01/22/25 16:10	EPA 8270E SIM	
Acenaphthylene	ND	---	0.0293	mg/kg dry	3	01/22/25 16:10	EPA 8270E SIM	
Anthracene	ND	---	0.0293	mg/kg dry	3	01/22/25 16:10	EPA 8270E SIM	
Benz(a)anthracene	ND	---	0.0293	mg/kg dry	3	01/22/25 16:10	EPA 8270E SIM	
Benzo(a)pyrene	ND	---	0.0293	mg/kg dry	3	01/22/25 16:10	EPA 8270E SIM	
Benzo(b)fluoranthene	ND	---	0.0293	mg/kg dry	3	01/22/25 16:10	EPA 8270E SIM	
Benzo(k)fluoranthene	ND	---	0.0293	mg/kg dry	3	01/22/25 16:10	EPA 8270E SIM	
Benzo(g,h,i)perylene	ND	---	0.0293	mg/kg dry	3	01/22/25 16:10	EPA 8270E SIM	
Chrysene	ND	---	0.0293	mg/kg dry	3	01/22/25 16:10	EPA 8270E SIM	
Dibenz(a,h)anthracene	ND	---	0.0293	mg/kg dry	3	01/22/25 16:10	EPA 8270E SIM	
Fluoranthene	ND	---	0.0293	mg/kg dry	3	01/22/25 16:10	EPA 8270E SIM	
Fluorene	ND	---	0.0293	mg/kg dry	3	01/22/25 16:10	EPA 8270E SIM	
Indeno(1,2,3-cd)pyrene	ND	---	0.0293	mg/kg dry	3	01/22/25 16:10	EPA 8270E SIM	
1-Methylnaphthalene	0.0544	---	0.0293	mg/kg dry	3	01/22/25 16:10	EPA 8270E SIM	
2-Methylnaphthalene	0.0861	---	0.0293	mg/kg dry	3	01/22/25 16:10	EPA 8270E SIM	
Naphthalene	ND	---	0.0293	mg/kg dry	3	01/22/25 16:10	EPA 8270E SIM	
Phenanthrene	0.0517	---	0.0293	mg/kg dry	3	01/22/25 16:10	EPA 8270E SIM	
Pyrene	0.118	---	0.0293	mg/kg dry	3	01/22/25 16:10	EPA 8270E SIM	
Dibenzofuran	ND	---	0.0850	mg/kg dry	3	01/22/25 16:10	EPA 8270E SIM	R-02
<i>Surrogate: 2-Fluorobiphenyl (Surr)</i>			<i>Recovery: 87 %</i>	<i>Limits: 44-120 %</i>	<i>3</i>	<i>01/22/25 16:10</i>	<i>EPA 8270E SIM</i>	
<i>p-Terphenyl-d14 (Surr)</i>			<i>93 %</i>	<i>54-127 %</i>	<i>3</i>	<i>01/22/25 16:10</i>	<i>EPA 8270E SIM</i>	

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Cameron O'Brien, Project Manager



ANALYTICAL REPORT

Apex Laboratories, LLC

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503-718-2323
ORELAP ID: OR100062

ACC Environmental Consultants, Inc. 3925 NE 72nd Ave. Suite 103 Vancouver, WA 98661	Project: Rainier Pac Pride Project Number: 10028-020.00 Project Manager: Chris Daschel	Report ID: A5A1315 - 01 23 25 1603
--------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
UST1-W-12 (A5A1315-01)				Matrix: Soil		Batch: 25A0651		CONT
% Solids	75.8	---	1.00	%	1	01/21/25 04:59	EPA 8000D	
UST1-C-12 (A5A1315-02)				Matrix: Soil		Batch: 25A0651		
% Solids	74.3	---	1.00	%	1	01/21/25 04:59	EPA 8000D	
UST1-E-12 (A5A1315-03)				Matrix: Soil		Batch: 25A0651		CONT
% Solids	72.8	---	1.00	%	1	01/21/25 04:59	EPA 8000D	
UST2-W-12 (A5A1315-04)				Matrix: Soil		Batch: 25A0651		CONT
% Solids	73.5	---	1.00	%	1	01/21/25 04:59	EPA 8000D	
UST2-C-12 (A5A1315-05)				Matrix: Soil		Batch: 25A0651		
% Solids	72.9	---	1.00	%	1	01/21/25 04:59	EPA 8000D	
UST2-E-12 (A5A1315-06)				Matrix: Soil		Batch: 25A0651		CONT
% Solids	75.8	---	1.00	%	1	01/21/25 04:59	EPA 8000D	
UST3-W-10 (A5A1315-07)				Matrix: Soil		Batch: 25A0651		CONT
% Solids	77.3	---	1.00	%	1	01/21/25 04:59	EPA 8000D	
UST3-E-10 (A5A1315-08)				Matrix: Soil		Batch: 25A0651		CONT
% Solids	74.8	---	1.00	%	1	01/21/25 04:59	EPA 8000D	
D01-3 (A5A1315-09)				Matrix: Soil		Batch: 25A0651		CONT
% Solids	93.2	---	1.00	%	1	01/21/25 04:59	EPA 8000D	
D04-2.5 (A5A1315-10)				Matrix: Soil		Batch: 25A0651		CONT
% Solids	90.0	---	1.00	%	1	01/21/25 04:59	EPA 8000D	

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QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes	
Batch 25A0638 - EPA 3546 (Fuels)						Soil							
Blank (25A0638-BLK1)		Prepared: 01/20/25 07:37 Analyzed: 01/20/25 20:01											
<u>NWTPH-Dx</u>													
Diesel	ND	---	20.0	mg/kg wet	1	---	---	---	---	---	---		
Oil	ND	---	40.0	mg/kg wet	1	---	---	---	---	---	---		
<i>Surr: o-Terphenyl (Surr)</i>		<i>Recovery: 83 %</i>			<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						
LCS (25A0638-BS1)		Prepared: 01/20/25 07:37 Analyzed: 01/20/25 20:21											
<u>NWTPH-Dx</u>													
Diesel	114	---	20.0	mg/kg wet	1	125	---	91	38 - 132%	---	---		
<i>Surr: o-Terphenyl (Surr)</i>		<i>Recovery: 96 %</i>			<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						
Duplicate (25A0638-DUP2)		Prepared: 01/20/25 07:37 Analyzed: 01/21/25 04:27										CONT	
<u>QC Source Sample: D04-2.5 (A5A1315-10)</u>													
<u>NWTPH-Dx</u>													
Diesel	1770	---	99.8	mg/kg dry	5	---	1780	---	---	0.8	30%	F-11	
Oil	ND	---	200	mg/kg dry	5	---	ND	---	---	---	30%		
<i>Surr: o-Terphenyl (Surr)</i>		<i>Recovery: 95 %</i>			<i>Limits: 50-150 %</i>		<i>Dilution: 5x</i>						S-05

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QUALITY CONTROL (QC) SAMPLE RESULTS

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

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25A0643 - EPA 5035A						Soil						
Blank (25A0643-BLK1)		Prepared: 01/20/25 09:00 Analyzed: 01/20/25 11:22										
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	ND	---	5.00	mg/kg wet	50	---	---	---	---	---	---	---
<i>Surr: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery: 103 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						
<i>1,4-Difluorobenzene (Sur)</i>		<i>101 %</i>		<i>50-150 %</i>		<i>"</i>						
LCS (25A0643-BS2)		Prepared: 01/20/25 09:00 Analyzed: 01/20/25 10:55										
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	23.7	---	5.00	mg/kg wet	50	25.0	---	95	80 - 120%	---	---	---
<i>Surr: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery: 100 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						
<i>1,4-Difluorobenzene (Sur)</i>		<i>99 %</i>		<i>50-150 %</i>		<i>"</i>						
Duplicate (25A0643-DUP2)		Prepared: 01/17/25 13:43 Analyzed: 01/20/25 21:50										
<u>QC Source Sample: UST1-E-12 (A5A1315-03)</u>												
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	2090	---	318	mg/kg dry	2000	---	2160	---	---	3	30%	---
<i>Surr: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery: 101 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						
<i>1,4-Difluorobenzene (Sur)</i>		<i>91 %</i>		<i>50-150 %</i>		<i>"</i>						

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QUALITY CONTROL (QC) SAMPLE RESULTS

Selected Volatile Organic Compounds by EPA 5035A/8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25A0643 - EPA 5035A						Soil						
Blank (25A0643-BLK1)		Prepared: 01/20/25 09:00 Analyzed: 01/20/25 11:22										
<u>5035A/8260D</u>												
Benzene	ND	---	0.0100	mg/kg wet	50	---	---	---	---	---	---	---
Toluene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
Ethylbenzene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	---
Xylenes, total	ND	---	0.0750	mg/kg wet	50	---	---	---	---	---	---	---
Methyl tert-butyl ether (MTBE)	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
Naphthalene	ND	---	0.100	mg/kg wet	50	---	---	---	---	---	---	---
1,2-Dibromoethane (EDB)	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
1,2-Dichloroethane (EDC)	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	---
Isopropylbenzene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
1,2,4-Trimethylbenzene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
1,3,5-Trimethylbenzene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 103 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>96 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>97 %</i>		<i>79-120 %</i>		<i>"</i>						
LCS (25A0643-BS1)						Prepared: 01/20/25 09:00 Analyzed: 01/20/25 10:27						
<u>5035A/8260D</u>												
Benzene	1.06	---	0.0100	mg/kg wet	50	1.00	---	106	80 - 120%	---	---	---
Toluene	0.981	---	0.0500	mg/kg wet	50	1.00	---	98	80 - 120%	---	---	---
Ethylbenzene	1.02	---	0.0250	mg/kg wet	50	1.00	---	102	80 - 120%	---	---	---
Xylenes, total	3.09	---	0.0750	mg/kg wet	50	3.00	---	103	80 - 120%	---	---	---
Methyl tert-butyl ether (MTBE)	1.05	---	0.0500	mg/kg wet	50	1.00	---	105	80 - 120%	---	---	---
Naphthalene	0.889	---	0.100	mg/kg wet	50	1.00	---	89	80 - 120%	---	---	---
1,2-Dibromoethane (EDB)	1.04	---	0.0500	mg/kg wet	50	1.00	---	104	80 - 120%	---	---	---
1,2-Dichloroethane (EDC)	1.06	---	0.0250	mg/kg wet	50	1.00	---	106	80 - 120%	---	---	---
Isopropylbenzene	1.04	---	0.0500	mg/kg wet	50	1.00	---	104	80 - 120%	---	---	---
1,2,4-Trimethylbenzene	1.05	---	0.0500	mg/kg wet	50	1.00	---	105	80 - 120%	---	---	---
1,3,5-Trimethylbenzene	1.05	---	0.0500	mg/kg wet	50	1.00	---	105	80 - 120%	---	---	---
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 101 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>98 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>97 %</i>		<i>79-120 %</i>		<i>"</i>						
Duplicate (25A0643-DUP2)						Prepared: 01/17/25 13:43 Analyzed: 01/20/25 21:50						

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QUALITY CONTROL (QC) SAMPLE RESULTS

Selected Volatile Organic Compounds by EPA 5035A/8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25A0643 - EPA 5035A						Soil						
Duplicate (25A0643-DUP2)		Prepared: 01/17/25 13:43 Analyzed: 01/20/25 21:50										
QC Source Sample: UST1-E-12 (A5A1315-03)												
5035A/8260D												
Benzene	ND	---	0.636	mg/kg dry	2000	---	ND	---	---	---	30%	
Toluene	ND	---	3.18	mg/kg dry	2000	---	ND	---	---	---	30%	
Ethylbenzene	ND	---	1.59	mg/kg dry	2000	---	ND	---	---	---	30%	
Xylenes, total	ND	---	4.77	mg/kg dry	2000	---	ND	---	---	---	30%	
Methyl tert-butyl ether (MTBE)	ND	---	3.18	mg/kg dry	2000	---	ND	---	---	---	30%	
Naphthalene	ND	---	6.36	mg/kg dry	2000	---	ND	---	---	---	30%	
1,2-Dibromoethane (EDB)	ND	---	3.18	mg/kg dry	2000	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	---	1.59	mg/kg dry	2000	---	ND	---	---	---	30%	
Isopropylbenzene	ND	---	3.18	mg/kg dry	2000	---	ND	---	---	---	30%	
1,2,4-Trimethylbenzene	ND	---	3.18	mg/kg dry	2000	---	2.42	---	---	***	30%	
1,3,5-Trimethylbenzene	ND	---	3.18	mg/kg dry	2000	---	ND	---	---	---	30%	
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 107 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>94 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>102 %</i>		<i>79-120 %</i>		<i>"</i>						

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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 25A0724 - EPA 3546						Soil						
Blank (25A0724-BLK1)		Prepared: 01/22/25 10:39 Analyzed: 01/22/25 15:20										
EPA 8270E SIM												
Acenaphthene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Acenaphthylene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Anthracene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Benz(a)anthracene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Benzo(a)pyrene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Benzo(b)fluoranthene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Benzo(k)fluoranthene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Chrysene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Dibenz(a,h)anthracene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Fluoranthene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Fluorene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pyrene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
1-Methylnaphthalene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
2-Methylnaphthalene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Naphthalene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Phenanthrene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Pyrene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Dibenzofuran	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---

Surr: 2-Fluorobiphenyl (Surr) Recovery: 90 % Limits: 44-120 % Dilution: 1x
 p-Terphenyl-d14 (Surr) 97 % 54-127 % "

LCS (25A0724-BS1)		Prepared: 01/22/25 10:39 Analyzed: 01/22/25 15:45										
EPA 8270E SIM												
Acenaphthene	0.760	---	0.0100	mg/kg wet	1	0.800	---	95	40 - 123%	---	---	---
Acenaphthylene	0.769	---	0.0100	mg/kg wet	1	0.800	---	96	32 - 132%	---	---	---
Anthracene	0.779	---	0.0100	mg/kg wet	1	0.800	---	97	47 - 123%	---	---	---
Benz(a)anthracene	0.730	---	0.0100	mg/kg wet	1	0.800	---	91	49 - 126%	---	---	---
Benzo(a)pyrene	0.775	---	0.0100	mg/kg wet	1	0.800	---	97	45 - 129%	---	---	---
Benzo(b)fluoranthene	0.772	---	0.0100	mg/kg wet	1	0.800	---	96	45 - 132%	---	---	---
Benzo(k)fluoranthene	0.784	---	0.0100	mg/kg wet	1	0.800	---	98	47 - 132%	---	---	---
Benzo(g,h,i)perylene	0.818	---	0.0100	mg/kg wet	1	0.800	---	102	43 - 134%	---	---	---
Chrysene	0.777	---	0.0100	mg/kg wet	1	0.800	---	97	50 - 124%	---	---	---

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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 25A0724 - EPA 3546						Soil						
LCS (25A0724-BS1)		Prepared: 01/22/25 10:39		Analyzed: 01/22/25 15:45								
Dibenz(a,h)anthracene	0.853	---	0.0100	mg/kg wet	1	0.800	---	107	45 - 134%	---	---	
Fluoranthene	0.713	---	0.0100	mg/kg wet	1	0.800	---	89	50 - 127%	---	---	
Fluorene	0.760	---	0.0100	mg/kg wet	1	0.800	---	95	43 - 125%	---	---	
Indeno(1,2,3-cd)pyrene	0.765	---	0.0100	mg/kg wet	1	0.800	---	96	45 - 133%	---	---	
1-Methylnaphthalene	0.722	---	0.0100	mg/kg wet	1	0.800	---	90	40 - 120%	---	---	
2-Methylnaphthalene	0.704	---	0.0100	mg/kg wet	1	0.800	---	88	38 - 122%	---	---	
Naphthalene	0.742	---	0.0100	mg/kg wet	1	0.800	---	93	35 - 123%	---	---	
Phenanthrene	0.764	---	0.0100	mg/kg wet	1	0.800	---	95	50 - 121%	---	---	
Pyrene	0.712	---	0.0100	mg/kg wet	1	0.800	---	89	47 - 127%	---	---	
Dibenzofuran	0.732	---	0.0100	mg/kg wet	1	0.800	---	91	44 - 120%	---	---	
<i>Surr: 2-Fluorobiphenyl (Surr)</i>		Recovery: 90 %		Limits: 44-120 %		Dilution: 1x						
<i>p-Terphenyl-d14 (Surr)</i>		90 %		54-127 %		"						

Duplicate (25A0724-DUP1) Prepared: 01/22/25 10:39 Analyzed: 01/22/25 16:35 **CONT**

QC Source Sample: D04-2.5 (A5A1315-10)												
EPA 8270E SIM												
Acenaphthene	ND	---	0.0289	mg/kg dry	3	---	ND	---	---	---	30%	
Acenaphthylene	ND	---	0.0289	mg/kg dry	3	---	ND	---	---	---	30%	
Anthracene	ND	---	0.0289	mg/kg dry	3	---	ND	---	---	---	30%	
Benz(a)anthracene	ND	---	0.0289	mg/kg dry	3	---	ND	---	---	---	30%	
Benzo(a)pyrene	ND	---	0.0289	mg/kg dry	3	---	ND	---	---	---	30%	
Benzo(b)fluoranthene	ND	---	0.0289	mg/kg dry	3	---	ND	---	---	---	30%	
Benzo(k)fluoranthene	ND	---	0.0289	mg/kg dry	3	---	ND	---	---	---	30%	
Benzo(g,h,i)perylene	ND	---	0.0289	mg/kg dry	3	---	ND	---	---	---	30%	
Chrysene	ND	---	0.0289	mg/kg dry	3	---	ND	---	---	---	30%	
Dibenz(a,h)anthracene	ND	---	0.0289	mg/kg dry	3	---	ND	---	---	---	30%	
Fluoranthene	ND	---	0.0289	mg/kg dry	3	---	ND	---	---	---	30%	
Fluorene	ND	---	0.0289	mg/kg dry	3	---	ND	---	---	---	30%	
Indeno(1,2,3-cd)pyrene	ND	---	0.0289	mg/kg dry	3	---	ND	---	---	---	30%	
1-Methylnaphthalene	0.0436	---	0.0289	mg/kg dry	3	---	0.0544	---	---	22	30%	
2-Methylnaphthalene	0.0688	---	0.0289	mg/kg dry	3	---	0.0861	---	---	22	30%	
Naphthalene	ND	---	0.0289	mg/kg dry	3	---	0.0169	---	---	***	30%	
Phenanthrene	0.0424	---	0.0289	mg/kg dry	3	---	0.0517	---	---	20	30%	
Pyrene	0.0891	---	0.0289	mg/kg dry	3	---	0.118	---	---	28	30%	

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503-718-2323
ORELAP ID: OR100062

ACC Environmental Consultants, Inc. 3925 NE 72nd Ave. Suite 103 Vancouver, WA 98661	Project: Rainier Pac Pride Project Number: 10028-020.00 Project Manager: Chris Daschel	Report ID: A5A1315 - 01 23 25 1603
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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 25A0724 - EPA 3546						Soil							
Duplicate (25A0724-DUP1)		Prepared: 01/22/25 10:39 Analyzed: 01/22/25 16:35						CONT					
QC Source Sample: D04-2.5 (A5A1315-10)													
Dibenzofuran	ND	---	0.0637	mg/kg dry	3	---	ND	---	---	---	30%	R-02	
<i>Surr: 2-Fluorobiphenyl (Surr)</i>		<i>Recovery: 86 %</i>		<i>Limits: 44-120 %</i>		<i>Dilution: 3x</i>							
<i>p-Terphenyl-d14 (Surr)</i>		<i>93 %</i>		<i>54-127 %</i>		<i>"</i>							

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QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25A0651 - Dry Weight Prep (EPA 8000D)						Soil						

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

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Cameron O'Brien, Project Manager



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SAMPLE PREPARATION INFORMATION

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Prep: EPA 3546 (Fuels)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 25A0638</u>							
A5A1315-01	Soil	NWTPH-Dx	01/17/25 13:25	01/20/25 07:37	11.26g/5mL	10g/5mL	0.89
A5A1315-02	Soil	NWTPH-Dx	01/17/25 13:40	01/20/25 07:37	11.07g/5mL	10g/5mL	0.90
A5A1315-03	Soil	NWTPH-Dx	01/17/25 13:43	01/20/25 07:37	11.84g/5mL	10g/5mL	0.85
A5A1315-04	Soil	NWTPH-Dx	01/17/25 13:10	01/20/25 07:37	11.02g/5mL	10g/5mL	0.91
A5A1315-05	Soil	NWTPH-Dx	01/17/25 13:55	01/20/25 07:37	11.09g/5mL	10g/5mL	0.90
A5A1315-06	Soil	NWTPH-Dx	01/17/25 14:05	01/20/25 07:37	11.58g/5mL	10g/5mL	0.86
A5A1315-07	Soil	NWTPH-Dx	01/17/25 14:20	01/20/25 07:37	11.06g/5mL	10g/5mL	0.90
A5A1315-08	Soil	NWTPH-Dx	01/17/25 14:15	01/20/25 07:37	11.15g/5mL	10g/5mL	0.90
A5A1315-09	Soil	NWTPH-Dx	01/17/25 14:55	01/20/25 07:37	11.35g/5mL	10g/5mL	0.88
A5A1315-10	Soil	NWTPH-Dx	01/17/25 15:10	01/20/25 07:37	11.44g/5mL	10g/5mL	0.87

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

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 25A0643</u>							
A5A1315-01	Soil	NWTPH-Gx (MS)	01/17/25 13:25	01/17/25 13:25	6.05g/5mL	5g/5mL	0.83
A5A1315-02	Soil	NWTPH-Gx (MS)	01/17/25 13:40	01/17/25 13:40	6.7g/5mL	5g/5mL	0.75
A5A1315-03	Soil	NWTPH-Gx (MS)	01/17/25 13:43	01/17/25 13:43	5.65g/5mL	5g/5mL	0.89
A5A1315-04	Soil	NWTPH-Gx (MS)	01/17/25 13:10	01/17/25 13:10	6.2g/5mL	5g/5mL	0.81
A5A1315-05	Soil	NWTPH-Gx (MS)	01/17/25 13:55	01/17/25 13:55	6.27g/5mL	5g/5mL	0.80
A5A1315-06	Soil	NWTPH-Gx (MS)	01/17/25 14:05	01/17/25 14:05	6.96g/5mL	5g/5mL	0.72
A5A1315-07	Soil	NWTPH-Gx (MS)	01/17/25 14:20	01/17/25 14:20	7.23g/5mL	5g/5mL	0.69
A5A1315-08	Soil	NWTPH-Gx (MS)	01/17/25 14:15	01/17/25 14:15	6.3g/5mL	5g/5mL	0.79
A5A1315-09	Soil	NWTPH-Gx (MS)	01/17/25 14:55	01/17/25 14:55	4.68g/5mL	5g/5mL	1.07
A5A1315-10	Soil	NWTPH-Gx (MS)	01/17/25 15:10	01/17/25 15:10	4.85g/5mL	5g/5mL	1.03

Selected Volatile Organic Compounds by EPA 5035A/8260D

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 25A0643</u>							
A5A1315-03	Soil	5035A/8260D	01/17/25 13:43	01/17/25 13:43	5.65g/5mL	5g/5mL	0.89

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

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SAMPLE PREPARATION INFORMATION

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

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 25A0724</u>							
A5A1315-10	Soil	EPA 8270E SIM	01/17/25 15:10	01/22/25 10:39	11.37g/5mL	10g/5mL	0.88

Percent Dry Weight

Prep: Dry Weight Prep (EPA 8000D)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 25A0651</u>							
A5A1315-01	Soil	EPA 8000D	01/17/25 13:25	01/20/25 10:56	1g	1g	1.00
A5A1315-02	Soil	EPA 8000D	01/17/25 13:40	01/20/25 10:56	1g	1g	1.00
A5A1315-03	Soil	EPA 8000D	01/17/25 13:43	01/20/25 10:56	1g	1g	1.00
A5A1315-04	Soil	EPA 8000D	01/17/25 13:10	01/20/25 10:56	1g	1g	1.00
A5A1315-05	Soil	EPA 8000D	01/17/25 13:55	01/20/25 10:56	1g	1g	1.00
A5A1315-06	Soil	EPA 8000D	01/17/25 14:05	01/20/25 10:56	1g	1g	1.00
A5A1315-07	Soil	EPA 8000D	01/17/25 14:20	01/20/25 10:56	1g	1g	1.00
A5A1315-08	Soil	EPA 8000D	01/17/25 14:15	01/20/25 10:56	1g	1g	1.00
A5A1315-09	Soil	EPA 8000D	01/17/25 14:55	01/20/25 10:56	1g	1g	1.00
A5A1315-10	Soil	EPA 8000D	01/17/25 15:10	01/20/25 10:56	1g	1g	1.00

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QUALIFIER DEFINITIONS

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

Apex Laboratories

- 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.
- F-11** The hydrocarbon pattern indicates possible weathered diesel, mineral oil, or a contribution from a related component.
- F-18** Result for Diesel (Diesel Range Organics, C12-C25) is due to overlap from Gasoline or a Gasoline Range product.
- R-02** The Reporting Limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.
- S-05** Surrogate recovery is estimated due to sample dilution required for high analyte concentration and/or matrix interference.

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Cameron O'Brien, 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 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 one half of the Reporting Limit (RL).
- Blank results for gravimetric analyses are evaluated to the Reporting Level, not to half of the Reporting Level.
- For Blank hits falling between 1/2 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.

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REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses. 'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

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

Soil and Sediment Samples:

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

Sampling and Preservation Notes:

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

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

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

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

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Decanted Samples:

Soils/Sediments:

Unless TCLP analysis is required or there is notification otherwise for a specific project, all Soil and Sediments containing excess water are decanted prior to analysis in order to provide the most representative sample for analysis.

Water Samples:

Water samples containing solids and sediment may need to be decanted in order to eliminate these particulates from the water extractions. In the case of organics extractions, a solvent rinse of the container will not be performed.

Volatiles Soils (5035s)

Samples that are field preserved by 5035 for volatiles are dry weight corrected using the same dry weight correction as for normal analyses. In the case of decanted samples, the dry weight may be performed on a decanted sample, while the aliquot for 5035 may not have been treated the same way. If this is a concern, please submit separate containers for dry weight analysis for volatiles can be provided.

All samples decanted in the laboratory are noted in this report with the DCNT qualifier indicating the sample was decanted.

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Cameron O'Brien, Project Manager



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LABORATORY ACCREDITATION INFORMATION

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

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

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation
--------	----------	--------	---------	--------	---------------

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

Secondary Accreditations

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

Subcontract Laboratory Accreditations

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

Field Testing Parameters

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

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APEX LABS 6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323		CHAIN OF CUSTODY		Lab # ASA 1315	COC # of _____														
Company: ACC		Project Mgr: Chris Daschel		Project # 10028-020.00															
Address: 3925 NE 72nd Ave		Phone: _____		PO # _____															
Sampled by: Joseph Thayer		Email: Daschel@accenv.com																	
State Sampled: OR WA		ANALYSIS REQUEST																	
Other: _____		<input type="checkbox"/> Archival - Frozen <input type="checkbox"/> HOLD																	
County: Columbia		<input type="checkbox"/> A, Sb, As, Ba, Be, Bi, Cd, Ca, Cr, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, TL, V, Zn <input type="checkbox"/> TOTAL DISS. TCLP <input type="checkbox"/> TCLP Metals (8)																	
SAMPLE ID	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-ACID	NWTPH-DX	NWTPH-GX	8260D BTEX	8260D RBDM VOCs	8260D Halo VOCs	8260D VOCs Full List	8270E PAHs	8270E Semi-Vols Full List	8082A PCBs	8081B Pest	RCRA Metals (8)	Priority Metals (13)	A, Sb, As, Ba, Be, Bi, Cd, Ca, Cr, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, TL, V, Zn TOTAL DISS. TCLP TCLP Metals (8)	
1	11/7/25	1325	S	3	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2		1340			/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3		1343			/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4		1340			/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5		1355			/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6		1405			/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7		1420			/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8		1415			/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9		1455			/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10		1510			/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Normal Turn Around Time (TAT) = 10 Business Days -->

*** RUSH - Request --> Indicate Date Needed: _____

***Rush TAT requests may incur additional cost

For TAT calculations, samples received after 5pm will be considered received the next business day.
Data will be reported by 6pm. Samples with <72 hrs of hold time may be surcharged.

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY:		RECEIVED BY:	
Signature: <i>Joseph Thayer</i>	Date: 11/7/25	Signature: <i>Joseph Thayer</i>	Date: 11/7/25
Printed Name: Joseph Thayer	Time: 1723	Printed Name: AYSSA Wilbur	Time: 1703
Company: ACC Environmental		Company: Apex	

SPECIAL INSTRUCTIONS:
- Expect high VOCs on sample UST1-E-12

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C. O'Brien

Cameron O'Brien, Project Manager



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APEX LABS COOLER RECEIPT FORM

Client: ACC **Element WO#:** A5A1315

Project/Project #: Rainier 10028-020.00

Delivery Info:

Date/time received: 1/17/25 @ 1723 By: APW

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

From USDA Regulated Origin? Yes No

Cooler Inspection Date/time inspected: 1/17/25 @ 1723 By: APW

Chain of Custody included? Yes No

Signed/dated by client? Yes No

Contains USDA Reg. Soils? Yes No Unsure (email RegSoils)

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	<u>1.3</u>						
Custody seals? (Y/N)	<u>N</u>						
Received on ice? (Y/N)	<u>Y</u>						
Temp. blanks? (Y/N)	<u>N</u>						
Ice type: (Gel/Real/Other)	<u>Real</u>						
Condition (In/Out):	<u>IN</u>						

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

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

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

Sample Inspection: Date/time inspected: 1/17/25 @ 1734 By: APW

All samples intact? Yes No Comments: _____

Bottle labels/COCs agree? Yes No Comments: 1/ST1-E-12 1/2 Meth VOA have no T.

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: _____

Comments: _____

Labeled by: APW

Witness: APW

Cooler Inspected by: APW

Form Y-003 R-02

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C O'Brien

Cameron O'Brien, Project Manager



ANALYTICAL REPORT

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

Wednesday, February 12, 2025

Chris Daschel
ACC Environmental Consultants, Inc.
3925 NE 72nd Ave. Suite 103
Vancouver, WA 98661

RE: A5A1331 - Rainier Pac Pride - 10028-020.00

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 A5A1331, which was received by the laboratory on 1/20/2025 at 2:13:00PM.

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

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

Cooler Receipt Information		
<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	3.3	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.



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ANALYTICAL REPORT

Apex Laboratories, LLC

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

<u>ACC Environmental Consultants, Inc.</u> 3925 NE 72nd Ave. Suite 103 Vancouver, WA 98661	Project: <u>Rainier Pac Pride</u> Project Number: 10028-020.00 Project Manager: Chris Daschel	Report ID: A5A1331 - 02 12 25 1510
--------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------	----------------------------------------------

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
D02-3	A5A1331-01	Soil	01/20/25 09:15	01/20/25 14:13
D03-2.5	A5A1331-02	Soil	01/20/25 09:40	01/20/25 14:13
P01-3	A5A1331-03	Soil	01/20/25 10:30	01/20/25 14:13
P02-3	A5A1331-04	Soil	01/20/25 11:25	01/20/25 14:13
P03-3	A5A1331-05	Soil	01/20/25 11:15	01/20/25 14:13

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Cameron O'Brien, Project Manager



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--------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------

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
D02-3 (A5A1331-01)				Matrix: Soil		Batch: 25A0691		CONT
Diesel	38.7	---	18.8	mg/kg dry	1	01/22/25 02:19	NWTPH-Dx	F-13
Oil	ND	---	37.5	mg/kg dry	1	01/22/25 02:19	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 83 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/22/25 02:19</i>	<i>NWTPH-Dx</i>	
D03-2.5 (A5A1331-02RE1)				Matrix: Soil		Batch: 25A0691		CONT
Diesel	8780	---	378	mg/kg dry	20	01/22/25 09:47	NWTPH-Dx	F-13
Oil	ND	---	757	mg/kg dry	20	01/22/25 09:47	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: %</i>	<i>Limits: 50-150 %</i>	<i>20</i>	<i>01/22/25 09:47</i>	<i>NWTPH-Dx</i>	<i>S-01</i>
P01-3 (A5A1331-03)				Matrix: Soil		Batch: 25A0691		CONT
Diesel	ND	---	18.2	mg/kg dry	1	01/22/25 00:59	NWTPH-Dx	
Oil	ND	---	36.3	mg/kg dry	1	01/22/25 00:59	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 85 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/22/25 00:59</i>	<i>NWTPH-Dx</i>	
P02-3 (A5A1331-04)				Matrix: Soil		Batch: 25A0691		CONT
Diesel	ND	---	18.5	mg/kg dry	1	01/22/25 01:19	NWTPH-Dx	
Oil	ND	---	37.0	mg/kg dry	1	01/22/25 01:19	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 87 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/22/25 01:19</i>	<i>NWTPH-Dx</i>	
P03-3 (A5A1331-05)				Matrix: Soil		Batch: 25A0691		CONT
Diesel	ND	---	18.2	mg/kg dry	1	01/22/25 01:39	NWTPH-Dx	
Oil	ND	---	36.4	mg/kg dry	1	01/22/25 01:39	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 89 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/22/25 01:39</i>	<i>NWTPH-Dx</i>	

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503-718-2323
ORELAP ID: OR100062

ACC Environmental Consultants, Inc. 3925 NE 72nd Ave. Suite 103 Vancouver, WA 98661	Project: Rainier Pac Pride Project Number: 10028-020.00 Project Manager: Chris Daschel	Report ID: A5A1331 - 02 12 25 1510
--------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------

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
D02-3 (A5A1331-01)				Matrix: Soil		Batch: 25A0685		
Gasoline Range Organics	ND	---	5.82	mg/kg dry	50	01/21/25 12:25	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 98 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/21/25 12:25</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>97 %</i>	<i>50-150 %</i>	<i>1</i>	<i>01/21/25 12:25</i>	<i>NWTPH-Gx (MS)</i>	
D03-2.5 (A5A1331-02)				Matrix: Soil		Batch: 25A0685		
Gasoline Range Organics	ND	---	5.82	mg/kg dry	50	01/21/25 12:52	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 100 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/21/25 12:52</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>97 %</i>	<i>50-150 %</i>	<i>1</i>	<i>01/21/25 12:52</i>	<i>NWTPH-Gx (MS)</i>	
P01-3 (A5A1331-03)				Matrix: Soil		Batch: 25A0685		
Gasoline Range Organics	ND	---	5.66	mg/kg dry	50	01/21/25 13:20	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 103 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/21/25 13:20</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>96 %</i>	<i>50-150 %</i>	<i>1</i>	<i>01/21/25 13:20</i>	<i>NWTPH-Gx (MS)</i>	
P02-3 (A5A1331-04)				Matrix: Soil		Batch: 25A0685		
Gasoline Range Organics	ND	---	6.30	mg/kg dry	50	01/21/25 13:47	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 100 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/21/25 13:47</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>96 %</i>	<i>50-150 %</i>	<i>1</i>	<i>01/21/25 13:47</i>	<i>NWTPH-Gx (MS)</i>	
P03-3 (A5A1331-05)				Matrix: Soil		Batch: 25A0685		
Gasoline Range Organics	ND	---	7.01	mg/kg dry	50	01/21/25 14:14	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 104 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>01/21/25 14:14</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>96 %</i>	<i>50-150 %</i>	<i>1</i>	<i>01/21/25 14:14</i>	<i>NWTPH-Gx (MS)</i>	

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

ACC Environmental Consultants, Inc. 3925 NE 72nd Ave. Suite 103 Vancouver, WA 98661	Project: Rainier Pac Pride Project Number: 10028-020.00 Project Manager: Chris Daschel	Report ID: A5A1331 - 02 12 25 1510
--------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight									
Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes	
D02-3 (A5A1331-01)				Matrix: Soil		Batch: 25A0694		CONT	
% Solids	93.2	---	1.00	%	1	01/22/25 04:52	EPA 8000D		
D03-2.5 (A5A1331-02)				Matrix: Soil		Batch: 25A0694		CONT	
% Solids	92.3	---	1.00	%	1	01/22/25 04:52	EPA 8000D		
P01-3 (A5A1331-03)				Matrix: Soil		Batch: 25A0694		CONT	
% Solids	95.9	---	1.00	%	1	01/22/25 04:52	EPA 8000D		
P02-3 (A5A1331-04)				Matrix: Soil		Batch: 25A0694		CONT	
% Solids	95.4	---	1.00	%	1	01/22/25 04:52	EPA 8000D		
P03-3 (A5A1331-05)				Matrix: Soil		Batch: 25A0694		CONT	
% Solids	95.2	---	1.00	%	1	01/22/25 04:52	EPA 8000D		

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Cameron O'Brien, Project Manager



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QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25A0691 - EPA 3546 (Fuels)						Soil						
Blank (25A0691-BLK1)		Prepared: 01/21/25 10:53 Analyzed: 01/21/25 18:14										
<u>NWTPH-Dx</u>												
Diesel	ND	---	20.0	mg/kg wet	1	---	---	---	---	---	---	---
Oil	ND	---	40.0	mg/kg wet	1	---	---	---	---	---	---	---
<i>Surr: o-Terphenyl (Surr)</i>		<i>Recovery: 86 %</i>			<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>					
LCS (25A0691-BS1)		Prepared: 01/21/25 10:53 Analyzed: 01/21/25 18:34										
<u>NWTPH-Dx</u>												
Diesel	111	---	20.0	mg/kg wet	1	125	---	89	38 - 132%	---	---	---
<i>Surr: o-Terphenyl (Surr)</i>		<i>Recovery: 90 %</i>			<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>					
Duplicate (25A0691-DUP2)		Prepared: 01/21/25 10:53 Analyzed: 01/22/25 01:59										CONT
<u>QC Source Sample: P03-3 (A5A1331-05)</u>												
<u>NWTPH-Dx</u>												
Diesel	ND	---	17.9	mg/kg dry	1	---	ND	---	---	---	30%	---
Oil	ND	---	35.7	mg/kg dry	1	---	ND	---	---	---	30%	---
<i>Surr: o-Terphenyl (Surr)</i>		<i>Recovery: 90 %</i>			<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>					

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--------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------

QUALITY CONTROL (QC) SAMPLE RESULTS

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

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25A0685 - EPA 5035A						Soil						
Blank (25A0685-BLK1)		Prepared: 01/21/25 09:08 Analyzed: 01/21/25 11:31										
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	ND	---	5.00	mg/kg wet	50	---	---	---	---	---	---	---
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 97 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		95 %		50-150 %		"						
LCS (25A0685-BS2)		Prepared: 01/21/25 09:08 Analyzed: 01/21/25 11:03										
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	21.8	---	5.00	mg/kg wet	50	25.0	---	87	80 - 120%	---	---	---
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 98 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		95 %		50-150 %		"						

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

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25A0694 - Dry Weight Prep (EPA 8000D)						Soil						

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

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Cameron O'Brien, Project Manager



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--------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------

SAMPLE PREPARATION INFORMATION

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Prep: EPA 3546 (Fuels)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 25A0691</u>							
A5A1331-01	Soil	NWTPH-Dx	01/20/25 09:15	01/21/25 10:53	11.44g/5mL	10g/5mL	0.87
A5A1331-02RE1	Soil	NWTPH-Dx	01/20/25 09:40	01/21/25 10:53	11.45g/5mL	10g/5mL	0.87
A5A1331-03	Soil	NWTPH-Dx	01/20/25 10:30	01/21/25 10:53	11.48g/5mL	10g/5mL	0.87
A5A1331-04	Soil	NWTPH-Dx	01/20/25 11:25	01/21/25 10:53	11.34g/5mL	10g/5mL	0.88
A5A1331-05	Soil	NWTPH-Dx	01/20/25 11:15	01/21/25 10:53	11.53g/5mL	10g/5mL	0.87

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

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 25A0685</u>							
A5A1331-01	Soil	NWTPH-Gx (MS)	01/20/25 09:15	01/20/25 09:15	4.91g/5mL	5g/5mL	1.02
A5A1331-02	Soil	NWTPH-Gx (MS)	01/20/25 09:40	01/20/25 09:40	5.01g/5mL	5g/5mL	1.00
A5A1331-03	Soil	NWTPH-Gx (MS)	01/20/25 10:30	01/20/25 10:30	4.79g/5mL	5g/5mL	1.04
A5A1331-04	Soil	NWTPH-Gx (MS)	01/20/25 11:25	01/20/25 11:25	4.32g/5mL	5g/5mL	1.16
A5A1331-05	Soil	NWTPH-Gx (MS)	01/20/25 11:15	01/20/25 11:15	3.88g/5mL	5g/5mL	1.29

Percent Dry Weight

Prep: Dry Weight Prep (EPA 8000D)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 25A0694</u>							
A5A1331-01	Soil	EPA 8000D	01/20/25 09:15	01/21/25 11:32	1g	1g	1.00
A5A1331-02	Soil	EPA 8000D	01/20/25 09:40	01/21/25 11:32	1g	1g	1.00
A5A1331-03	Soil	EPA 8000D	01/20/25 10:30	01/21/25 11:32	1g	1g	1.00
A5A1331-04	Soil	EPA 8000D	01/20/25 11:25	01/21/25 11:32	1g	1g	1.00
A5A1331-05	Soil	EPA 8000D	01/20/25 11:15	01/21/25 11:32	1g	1g	1.00

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--------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------	----------------------------------------------

QUALIFIER DEFINITIONS

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

Apex Laboratories

- 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.
- F-13 The chromatographic pattern does not resemble the fuel standard used for quantitation
- S-01 Surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference.

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Cameron O'Brien, 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 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 one half of the Reporting Limit (RL).
- Blank results for gravimetric analyses are evaluated to the Reporting Level, not to half of the Reporting Level.
- 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.

Apex Laboratories

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

ACC Environmental Consultants, Inc. 3925 NE 72nd Ave. Suite 103 Vancouver, WA 98661	Project: Rainier Pac Pride Project Number: 10028-020.00 Project Manager: Chris Daschel	Report ID: A5A1331 - 02 12 25 1510
--------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses. 'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

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

Soil and Sediment Samples:

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

Sampling and Preservation Notes:

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

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

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

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

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-----------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------

Decanted Samples:

Soils/Sediments:

Unless TCLP analysis is required or there is notification otherwise for a specific project, all Soil and Sediments containing excess water are decanted prior to analysis in order to provide the most representative sample for analysis.

Water Samples:

Water samples containing solids and sediment may need to be decanted in order to eliminate these particulates from the water extractions. In the case of organics extractions, a solvent rinse of the container will not be performed.

Volatiles Soils (5035s)

Samples that are field preserved by 5035 for volatiles are dry weight corrected using the same dry weight correction as for normal analyses. In the case of decanted samples, the dry weight may be performed on a decanted sample, while the aliquot for 5035 may not have been treated the same way. If this is a concern, please submit separate containers for dry weight analysis for volatiles can be provided.

All samples decanted in the laboratory are noted in this report with the DCNT qualifier indicating the sample was decanted.

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503-718-2323
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Table with 3 columns: Client (ACC Environmental Consultants, Inc.), Project (Rainier Pac Pride), and Report ID (A5A1331 - 02 12 25 1510).

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

Table header with columns: 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.

Apex Laboratories

Handwritten signature of Cameron O'Brien

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ACC Environmental Consultants, Inc. 3925 NE 72nd Ave. Suite 103 Vancouver, WA 98661	Project: Rainier Pac Pride Project Number: 10028-020.00 Project Manager: Chris Daschel	Report ID: A5A1331 - 02 12 25 1510
--------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------

CHAIN OF CUSTODY		Lab # A5A1331 / COC # of _____
APEX LABS 6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323		Project #: 10028-020.00
Company: ACC Environmental	Project Name: Rainier Pac Pride	PO # _____
Address: 3925 NE 72nd Ave, Vancouver, WA	Phone: 503 891 4128	Email: CDASCH@ACCENV.COM
Sampled by: Joseph Daschel	Project Mgr: Chris Daschel	
State Sampled: OR WA	ANALYSIS REQUEST	
Other: _____	Priority Metals (13)	Al, Sb, As, Ba, Be, Bi, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mn, Ni, Mo, Ni, K, Se, Ag, Na, TL, V, Zn
County: Columbia	RCA Metals (8)	TCLP Metals (8)
	8081B Pest	TOTAL DISS. TCLP
	8082A PCBs	
	8270E PAHs	
	8270E VOCs Full List	
	8270E Semi-Vols Full List	
	8260D Holo VOCs	
	8260D RBDM VOCs	
	8260D BTEX	
	NWTPH-Gx	
	NWTPH-Dx	
	NWTPH-HCID	
	# OF CONTAINERS	
	MATRIX	
	TIME	
	DATE	
SAMPLE ID		
1 P02-3	0915	5 3
2 P03-2-5	0940	1 1
3 P01-3	1030	1 1
4 P02-3	1125	1 1
5 P03-3	1115	1 1
6		
7		
8		
9		
10		
SPECIAL INSTRUCTIONS:		
Normal Turn Around Time (TAT) = 10 Business Days --->		
*** RUSH - Request ---> Indicate Date Needed:		
***Rush TAT requests may incur additional cost		
For TAT calculations, samples received after 3pm will be considered received the next business day. Data will be reported by 6pm. Samples with <72 hrs of hold time may be surcharged.		
SAMPLES ARE HELD FOR 30 DAYS		
RELINQUISHED BY: Signature: <i>[Signature]</i>	RECEIVED BY: Signature: <i>[Signature]</i>	RECEIVED BY: Signature: _____
Date: 1/20/25	Date: 1/20/25	Date: _____
Printed Name: Joseph Daschel	Printed Name: Chris Daschel	Printed Name: _____
Time: 11/13	Time: 11:13	Time: _____
Company: ACC Environmental	Company: ACC Environmental	Company: _____

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[Handwritten Signature]

Cameron O'Brien, Project Manager



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3925 NE 72nd Ave. Suite 103 Project Number: 10028-020.00
Vancouver, WA 98661 Project Manager: Chris Daschel Report ID: A5A1331 - 02 12 25 1510

APEX LABS COOLER RECEIPT FORM

Client: ACC Environmental Element WO#: A5A1331

Project/Project #: Rainier Pac Pride / 10028-020.00

Delivery Info: Date/time received: 1/20/25 @ 14:13 By: [Signature]

Delivered by: Apex Client XESS FedEx UPS Radio Morgan SDS Evergreen Other

From USDA Regulated Origin? Yes No X

Cooler Inspection Date/time inspected: 1/20/25 @ 14:13 By: [Signature]

Chain of Custody included? Yes X No

Signed/dated by client? Yes X No

Contains USDA Reg. Soils? Yes No X Unsure (email RegSoils)

Table with 7 columns: Cooler #1 to Cooler #7. Rows include Temperature (3.3), Custody seals (N), Received on ice (Y), Temp. blanks (Y), Ice type (Real), Condition (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: 1/20/25 @ 14:20 By: [Signature]

All samples intact? Yes X No Comments:

Bottle labels/COCs agree? Yes X No Comments:

COC/container discrepancies form initiated? Yes No X

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

Do VOA vials have visible headspace? Yes No NA X

Comments:

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

Comments:

Labeled by: [Signature] Witness: [Signature] Cooler Inspected by: [Signature]

Form Y-003 R-02



ANALYTICAL REPORT

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

Tuesday, February 11, 2025

Chris Daschel
ACC Environmental Consultants, Inc.
3925 NE 72nd Ave. Suite 103
Vancouver, WA 98661

RE: A5B0818 - Rainier Pac Pride - 10028-020

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 A5B0818, which was received by the laboratory on 2/3/2025 at 12:54:00PM.

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

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

Cooler Receipt Information		
<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)		
<u>Default Cooler</u>	2.4	<u>degC</u>

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.



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Cameron O'Brien, Project Manager



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ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
UST-EX-W	A5B0818-01	Water	02/03/25 10:50	02/03/25 12:54

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Cameron O'Brien, Project Manager



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--------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------	-----------------------------------------------------

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
UST-EX-W (A5B0818-01)				Matrix: Water		Batch: 25B0257		DCNT
Diesel	286	---	79.2	ug/L	1	02/11/25 08:20	NWTPH-Dx LL	F-20
Oil	ND	---	158	ug/L	1	02/11/25 08:20	NWTPH-Dx LL	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 119 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>02/11/25 08:20</i>	<i>NWTPH-Dx LL</i>	

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--------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------	-----------------------------------------------------

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
UST-EX-W (A5B0818-01RE1)			Matrix: Water		Batch: 25B0096			
Gasoline Range Organics	440	---	100	ug/L	1	02/05/25 10:46	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 102 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>02/05/25 10:46</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>99 %</i>	<i>50-150 %</i>	<i>1</i>	<i>02/05/25 10:46</i>	<i>NWTPH-Gx (MS)</i>	

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--------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------	-----------------------------------------------------

ANALYTICAL SAMPLE RESULTS

Selected Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
UST-EX-W (A5B0818-01RE1)			Matrix: Water		Batch: 25B0096			
Benzene	10.8	---	0.200	ug/L	1	02/05/25 10:46	EPA 8260D	
Toluene	30.8	---	1.00	ug/L	1	02/05/25 10:46	EPA 8260D	
Ethylbenzene	4.18	---	0.500	ug/L	1	02/05/25 10:46	EPA 8260D	
Xylenes, total	25.4	---	1.50	ug/L	1	02/05/25 10:46	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	02/05/25 10:46	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	02/05/25 10:46	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	02/05/25 10:46	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	02/05/25 10:46	EPA 8260D	
Isopropylbenzene	ND	---	1.00	ug/L	1	02/05/25 10:46	EPA 8260D	
1,2,4-Trimethylbenzene	2.57	---	1.00	ug/L	1	02/05/25 10:46	EPA 8260D	
1,3,5-Trimethylbenzene	9.94	---	1.00	ug/L	1	02/05/25 10:46	EPA 8260D	
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>			<i>Recovery: 98 %</i>	<i>Limits: 80-120 %</i>	<i>1</i>	<i>02/05/25 10:46</i>	<i>EPA 8260D</i>	
<i>Toluene-d8 (Surr)</i>			<i>98 %</i>	<i>80-120 %</i>	<i>1</i>	<i>02/05/25 10:46</i>	<i>EPA 8260D</i>	
<i>4-Bromofluorobenzene (Surr)</i>			<i>99 %</i>	<i>80-120 %</i>	<i>1</i>	<i>02/05/25 10:46</i>	<i>EPA 8260D</i>	

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Cameron O'Brien, Project Manager



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ACC Environmental Consultants, Inc. 3925 NE 72nd Ave. Suite 103 Vancouver, WA 98661	Project: Rainier Pac Pride Project Number: 10028-020 Project Manager: Chris Daschel	Report ID: A5B0818 - 02 11 25 1405
--------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------	-----------------------------------------------------

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 25B0257 - EPA 3510C (Fuels/Acid Ext.)						Water						
Blank (25B0257-BLK1)		Prepared: 02/10/25 13:03 Analyzed: 02/11/25 07:17										
<u>NWTPH-Dx LL</u>												
Diesel	ND	---	80.0	ug/L	1	---	---	---	---	---	---	---
Oil	ND	---	160	ug/L	1	---	---	---	---	---	---	---
<i>Surr: o-Terphenyl (Surr)</i>		<i>Recovery: 120 % Limits: 50-150 % Dilution: 1x</i>										
LCS (25B0257-BS1)		Prepared: 02/10/25 13:03 Analyzed: 02/11/25 07:38										
<u>NWTPH-Dx LL</u>												
Diesel	542	---	80.0	ug/L	1	500	---	108	36 - 132%	---	---	---
<i>Surr: o-Terphenyl (Surr)</i>		<i>Recovery: 121 % Limits: 50-150 % Dilution: 1x</i>										
LCS Dup (25B0257-BSD1)		Prepared: 02/10/25 13:03 Analyzed: 02/11/25 07:59										Q-19
<u>NWTPH-Dx LL</u>												
Diesel	501	---	80.0	ug/L	1	500	---	100	36 - 132%	8	30%	---
<i>Surr: o-Terphenyl (Surr)</i>		<i>Recovery: 112 % Limits: 50-150 % Dilution: 1x</i>										

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

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Cameron O'Brien, Project Manager



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QUALITY CONTROL (QC) SAMPLE RESULTS

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

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25B0065 - EPA 5030C						Water						
Blank (25B0065-BLK1)		Prepared: 02/04/25 07:48 Analyzed: 02/04/25 10:36										
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	ND	---	100	ug/L	1	---	---	---	---	---	---	---
<i>Surr: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery: 97 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						
<i>1,4-Difluorobenzene (Sur)</i>		<i>101 %</i>		<i>50-150 %</i>		<i>"</i>						
LCS (25B0065-BS2)		Prepared: 02/04/25 07:48 Analyzed: 02/04/25 10:14										
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	464	---	100	ug/L	1	500	---	93	80 - 120%	---	---	---
<i>Surr: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery: 94 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						
<i>1,4-Difluorobenzene (Sur)</i>		<i>97 %</i>		<i>50-150 %</i>		<i>"</i>						

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

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 25B0096 - EPA 5030C						Water						
Blank (25B0096-BLK1)		Prepared: 02/05/25 07:47 Analyzed: 02/05/25 10:03										
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	ND	---	100	ug/L	1	---	---	---	---	---	---	---
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 99 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		103 %		50-150 %		"						
LCS (25B0096-BS2)		Prepared: 02/05/25 07:47 Analyzed: 02/05/25 09:41										
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	413	---	100	ug/L	1	500	---	83	80 - 120%	---	---	---
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 98 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		97 %		50-150 %		"						

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

Selected 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 25B0065 - EPA 5030C						Water						
Blank (25B0065-BLK1)		Prepared: 02/04/25 07:48 Analyzed: 02/04/25 10:36										
EPA 8260D												
Benzene	ND	---	0.200	ug/L	1	---	---	---	---	---	---	---
Toluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	---
Ethylbenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	---
Xylenes, total	ND	---	1.50	ug/L	1	---	---	---	---	---	---	---
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	---	---	---	---	---	---	---
Naphthalene	ND	---	5.00	ug/L	1	---	---	---	---	---	---	---
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	---	---	---	---	---	---	---
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	---	---	---	---	---	---	---
Isopropylbenzene	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	---	---	---	---	---	---	---
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 100 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>99 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>100 %</i>		<i>80-120 %</i>		<i>"</i>						
LCS (25B0065-BS1)						Prepared: 02/04/25 07:48 Analyzed: 02/04/25 09:44						
EPA 8260D												
Benzene	18.4	---	0.200	ug/L	1	20.0	---	92	80 - 120%	---	---	---
Toluene	19.4	---	1.00	ug/L	1	20.0	---	97	80 - 120%	---	---	---
Ethylbenzene	21.1	---	0.500	ug/L	1	20.0	---	106	80 - 120%	---	---	---
Xylenes, total	63.4	---	1.50	ug/L	1	60.0	---	106	80 - 120%	---	---	---
Methyl tert-butyl ether (MTBE)	18.6	---	1.00	ug/L	1	20.0	---	93	80 - 120%	---	---	---
Naphthalene	16.5	---	5.00	ug/L	1	20.0	---	82	80 - 120%	---	---	---
1,2-Dibromoethane (EDB)	22.0	---	0.500	ug/L	1	20.0	---	110	80 - 120%	---	---	---
1,2-Dichloroethane (EDC)	20.3	---	0.400	ug/L	1	20.0	---	101	80 - 120%	---	---	---
Isopropylbenzene	21.0	---	1.00	ug/L	1	20.0	---	105	80 - 120%	---	---	---
1,2,4-Trimethylbenzene	21.3	---	1.00	ug/L	1	20.0	---	106	80 - 120%	---	---	---
1,3,5-Trimethylbenzene	21.6	---	1.00	ug/L	1	20.0	---	108	80 - 120%	---	---	---
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 93 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>96 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>96 %</i>		<i>80-120 %</i>		<i>"</i>						

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

ACC Environmental Consultants, Inc. 3925 NE 72nd Ave. Suite 103 Vancouver, WA 98661	Project: Rainier Pac Pride Project Number: 10028-020 Project Manager: Chris Daschel	Report ID: A5B0818 - 02 11 25 1405
--------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------	-----------------------------------------------------

QUALITY CONTROL (QC) SAMPLE RESULTS

Selected 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
---------	--------	--------------------	--------------------	-------	----------	-----------------	------------------	-------	-----------------	-----	--------------	-------

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

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Cameron O'Brien, Project Manager



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QUALITY CONTROL (QC) SAMPLE RESULTS

Selected 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 25B0096 - EPA 5030C						Water						
Blank (25B0096-BLK1)		Prepared: 02/05/25 07:47 Analyzed: 02/05/25 10:03										
EPA 8260D												
Benzene	ND	---	0.200	ug/L	1	---	---	---	---	---	---	---
Toluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	---
Ethylbenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	---
Xylenes, total	ND	---	1.50	ug/L	1	---	---	---	---	---	---	---
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	---	---	---	---	---	---	---
Naphthalene	ND	---	5.00	ug/L	1	---	---	---	---	---	---	---
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	---	---	---	---	---	---	---
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	---	---	---	---	---	---	---
Isopropylbenzene	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	---	---	---	---	---	---	---
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 102 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>98 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>100 %</i>		<i>80-120 %</i>		<i>"</i>						
LCS (25B0096-BS1)						Prepared: 02/05/25 07:47 Analyzed: 02/05/25 09:09						
EPA 8260D												
Benzene	19.1	---	0.200	ug/L	1	20.0	---	95	80 - 120%	---	---	---
Toluene	19.5	---	1.00	ug/L	1	20.0	---	97	80 - 120%	---	---	---
Ethylbenzene	21.4	---	0.500	ug/L	1	20.0	---	107	80 - 120%	---	---	---
Xylenes, total	63.6	---	1.50	ug/L	1	60.0	---	106	80 - 120%	---	---	---
Methyl tert-butyl ether (MTBE)	18.7	---	1.00	ug/L	1	20.0	---	93	80 - 120%	---	---	---
Naphthalene	16.1	---	5.00	ug/L	1	20.0	---	80	80 - 120%	---	---	---
1,2-Dibromoethane (EDB)	22.0	---	0.500	ug/L	1	20.0	---	110	80 - 120%	---	---	---
1,2-Dichloroethane (EDC)	20.2	---	0.400	ug/L	1	20.0	---	101	80 - 120%	---	---	---
Isopropylbenzene	20.9	---	1.00	ug/L	1	20.0	---	105	80 - 120%	---	---	---
1,2,4-Trimethylbenzene	20.8	---	1.00	ug/L	1	20.0	---	104	80 - 120%	---	---	---
1,3,5-Trimethylbenzene	21.3	---	1.00	ug/L	1	20.0	---	106	80 - 120%	---	---	---
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 95 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>97 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>96 %</i>		<i>80-120 %</i>		<i>"</i>						

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QUALITY CONTROL (QC) SAMPLE RESULTS

Selected 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
---------	--------	-----------------	-----------------	-------	----------	--------------	---------------	-------	--------------	-----	-----------	-------

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

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Cameron O'Brien, Project Manager



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SAMPLE PREPARATION INFORMATION

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

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

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 25B0257</u>							
A5B0818-01	Water	NWTPH-Dx LL	02/03/25 10:50	02/10/25 13:03	1010mL/2mL	1000mL/2mL	0.99

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
<u>Batch: 25B0096</u>							
A5B0818-01RE1	Water	NWTPH-Gx (MS)	02/03/25 10:50	02/05/25 10:02	5mL/5mL	5mL/5mL	1.00

Selected Volatile Organic Compounds by EPA 8260D

Prep: EPA 5030C

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 25B0096</u>							
A5B0818-01RE1	Water	EPA 8260D	02/03/25 10:50	02/05/25 10:02	5mL/5mL	5mL/5mL	1.00

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QUALIFIER DEFINITIONS

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

Apex Laboratories

- DCNT Sample decanted due to the presence of sediment in water samples, or water in sediment or soil samples. (Note: Decanted aqueous sample bottles are not solvent rinsed.)
- F-20 Result for Diesel (DRO) is Estimated due to overlap from Gasoline Range Organics or other VOCs.
- Q-19 Blank Spike Duplicate (BSD) sample analyzed in place of Matrix Spike/Duplicate samples due to limited sample amount available for analysis.

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REPORTING NOTES AND CONVENTIONS:

Abbreviations:

- DET Analyte DETECTED at or above the detection or reporting limit.
- ND Analyte NOT DETECTED at or above the detection or reporting limit.
- NR Result Not Reported.
- RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

Detection Limits: Limit of Detection (LOD)

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

Reporting Limits: Limit of Quantitation (LOQ)

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

Reporting Conventions:

- Basis: Results for soil samples are generally reported on a 100% dry weight basis.
The Result Basis is listed following the units as " dry", " wet", or " " (blank) designation.
 - " dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")
See Percent Solids section for details of dry weight analysis.
 - " wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.
 - " " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

QC Source:

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

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

Miscellaneous Notes:

- " --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.
- " *** " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Blanks:

- Standard practice is to evaluate the results from Blank QC Samples down to a level equal to one half of the Reporting Limit (RL).
- Blank results for gravimetric analyses are evaluated to the Reporting Level, not to half of the Reporting Level.
- For Blank hits falling between 1/2 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.

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REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses. 'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

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

Soil and Sediment Samples:

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

Sampling and Preservation Notes:

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

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

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

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

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Decanted Samples:

Soils/Sediments:

Unless TCLP analysis is required or there is notification otherwise for a specific project, all Soil and Sediments containing excess water are decanted prior to analysis in order to provide the most representative sample for analysis.

Water Samples:

Water samples containing solids and sediment may need to be decanted in order to eliminate these particulates from the water extractions. In the case of organics extractions, a solvent rinse of the container will not be performed.

Volatiles Soils (5035s)

Samples that are field preserved by 5035 for volatiles are dry weight corrected using the same dry weight correction as for normal analyses. In the case of decanted samples, the dry weight may be performed on a decanted sample, while the aliquot for 5035 may not have been treated the same way. If this is a concern, please submit separate containers for dry weight analysis for volatiles can be provided.

All samples decanted in the laboratory are noted in this report with the DCNT qualifier indicating the sample was decanted.

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LABORATORY ACCREDITATION INFORMATION

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

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

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation
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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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APEX LABS
 6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323

CHAIN OF CUSTODY

Lab # A5B0818 of COC

Company: ACC Project Mgr: Chris Daschel Project Name: Rainier Pac Pride Project #: 10028-020

Address: 3125 NE 77th Ave, Vancouver, WA Phone: 503-811-4128 Email: C.Daschel@accenv.com PO #

Sampled by: Joseph Thayer

Site Location: _____

State: OR County: Columbia

SAMPLE ID: UST-EX-LV

DATE: 7/23/25 TIME: 10:00

MATRIX: ✓ # OF CONTAINERS: 5

NWTPH-CID: ✓ NWTPH-DX: ✓ NWTPH-GX: ✓ 8260 BTEX: ✓

8260 RBDM VOCs: ✓ 8260 Halo VOCs: ✓ 8260 VOCs Full List: ✓

8270 SIM PAHs: ✓ 8270 Semi-Vols Full List: ✓ 8082 PCBs: ✓ 8081 Pesticides: ✓

RCCA Metals (8): ✓ Priority Metals (13): ✓ AL, Sb, As, Ba, Be, Bi, Cd, Cr, Cu, Fe, Pb, Hg, Mn, Mo, Ni, K, Se, Ag, Na, Ti, V, Zn, TCIP

TOTAL DISS. TCIP: ✓ TCIP Metals (8): ✓

Hold Sample: PAH-8270

Frozen Archive: PAH-8270

Standard Turn Around Time (TAT) = 10 Business Days

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

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: <u>[Signature]</u> Date: <u>7/23/25</u> Printed Name: <u>Joseph Thayer</u> Time: <u>12:54</u> Company: <u>ACC</u>	RECEIVED BY: Signature: <u>[Signature]</u> Date: <u>7/23/25</u> Printed Name: <u>Alissa Wilbur</u> Time: <u>12:54</u> Company: <u>Apex</u>
--------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------

SPECIAL INSTRUCTIONS:

Form Y-002 R-00

Apex Laboratories

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C. O'Brien

Cameron O'Brien, Project Manager



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--------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------	-----------------------------------------------------

APEX LABS COOLER RECEIPT FORM

Client: ACC Element WO#: A5 B0818

Project/Project #: Rainier Pac Pride 10028-020

Delivery Info:

Date/time received: 2/3/25 @ 1254 By: APW

Delivered by: Apex Client ESS FedEx UPS Radio Morgan SDS Evergreen Other
From USDA Regulated Origin? Yes No

Cooler Inspection Date/time inspected: 2/3/25 @ 1254 By: APW

Chain of Custody included? Yes No

Signed/dated by client? Yes No

Contains USDA Reg. Soils? Yes No Unsure (email RegSoils)

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	<u>2.4</u>						
Custody seals? (Y/N)	<u>N</u>						
Received on ice? (Y/N)	<u>Y</u>						
Temp. blanks? (Y/N)	<u>N</u>						
Ice type: (Gel/Real/Other)	<u>Real</u>						
Condition (In/Out):	<u>In</u>						

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: 2/3/25 @ 1311 By: KN

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 3/3 VOAs have seal.

Water samples: pH checked: Yes No NA pH appropriate? Yes No NA pH ID: A231172

Comments: _____

Labeled by:

KN

Witness:

by

Cooler Inspected by:

KN

Form Y-003 R-02

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C O'Brien

Cameron O'Brien, Project Manager



ANALYTICAL REPORT

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

Monday, February 17, 2025
Chris Daschel
ACC Environmental Consultants, Inc.
3925 NE 72nd Ave. Suite 103
Vancouver, WA 98661

RE: A5B0817 - Rainier Pac Pride - 10028-020

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 A5B0817, which was received by the laboratory on 2/3/2025 at 12:54:00PM.

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

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

Cooler Receipt Information		
<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	2.4	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.



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Cameron O'Brien, Project Manager



ANALYTICAL REPORT

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503-718-2323
ORELAP ID: OR100062

<u>ACC Environmental Consultants, Inc.</u> 3925 NE 72nd Ave. Suite 103 Vancouver, WA 98661	Project: <u>Rainier Pac Pride</u> Project Number: 10028-020 Project Manager: Chris Daschel	Report ID: A5B0817 - 02 17 25 1047
--------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------	----------------------------------------------

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
ACC01-WPW-7	A5B0817-01	Soil	02/03/25 09:35	02/03/25 12:54
ACC02-NPW-7	A5B0817-02	Soil	02/03/25 09:45	02/03/25 12:54
ACC03-EPW-7	A5B0817-03	Soil	02/03/25 09:50	02/03/25 12:54
ACC04-PF-9	A5B0817-04	Soil	02/03/25 09:55	02/03/25 12:54
ACC05-SPW-7	A5B0817-05	Soil	02/03/25 10:05	02/03/25 12:54

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--------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------	-----------------------------------------------------

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
ACC01-WPW-7 (A5B0817-01)				Matrix: Soil		Batch: 25B0182		
Diesel	ND	---	23.7	mg/kg dry	1	02/07/25 20:38	NWTPH-Dx	
Oil	75.5	---	47.4	mg/kg dry	1	02/07/25 20:38	NWTPH-Dx	F-17
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 72 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>02/07/25 20:38</i>	<i>NWTPH-Dx</i>	
ACC02-NPW-7 (A5B0817-02)				Matrix: Soil		Batch: 25B0182		
Diesel	129	---	19.2	mg/kg dry	1	02/07/25 21:19	NWTPH-Dx	F-13
Oil	ND	---	38.3	mg/kg dry	1	02/07/25 21:19	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 91 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>02/07/25 21:19</i>	<i>NWTPH-Dx</i>	
ACC03-EPW-7 (A5B0817-03)				Matrix: Soil		Batch: 25B0182		
Diesel	ND	---	20.7	mg/kg dry	1	02/07/25 21:39	NWTPH-Dx	
Oil	ND	---	41.3	mg/kg dry	1	02/07/25 21:39	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 79 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>02/07/25 21:39</i>	<i>NWTPH-Dx</i>	
ACC04-PF-9 (A5B0817-04RE1)				Matrix: Soil		Batch: 25B0182		
Diesel	537	---	23.8	mg/kg dry	1	02/10/25 09:29	NWTPH-Dx	F-13
Oil	304	---	47.6	mg/kg dry	1	02/10/25 09:29	NWTPH-Dx	F-12
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 83 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>02/10/25 09:29</i>	<i>NWTPH-Dx</i>	
ACC05-SPW-7 (A5B0817-05)				Matrix: Soil		Batch: 25B0182		
Diesel	52.9	---	20.7	mg/kg dry	1	02/07/25 22:40	NWTPH-Dx	F-11
Oil	ND	---	41.5	mg/kg dry	1	02/07/25 22:40	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 78 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>02/07/25 22:40</i>	<i>NWTPH-Dx</i>	

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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
ACC01-WPW-7 (A5B0817-01)				Matrix: Soil		Batch: 25B0066		
Gasoline Range Organics	36.1	---	8.46	mg/kg dry	50	02/04/25 11:21	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 122 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>02/04/25 11:21</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>103 %</i>	<i>50-150 %</i>	<i>1</i>	<i>02/04/25 11:21</i>	<i>NWTPH-Gx (MS)</i>	
ACC02-NPW-7 (A5B0817-02)				Matrix: Soil		Batch: 25B0066		
Gasoline Range Organics	ND	---	6.39	mg/kg dry	50	02/04/25 11:49	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 110 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>02/04/25 11:49</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>102 %</i>	<i>50-150 %</i>	<i>1</i>	<i>02/04/25 11:49</i>	<i>NWTPH-Gx (MS)</i>	
ACC03-EPW-7 (A5B0817-03)				Matrix: Soil		Batch: 25B0066		
Gasoline Range Organics	ND	---	7.46	mg/kg dry	50	02/04/25 12:16	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 106 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>02/04/25 12:16</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>102 %</i>	<i>50-150 %</i>	<i>1</i>	<i>02/04/25 12:16</i>	<i>NWTPH-Gx (MS)</i>	
ACC04-PF-9 (A5B0817-04)				Matrix: Soil		Batch: 25B0066		
Gasoline Range Organics	18.8	---	7.13	mg/kg dry	50	02/04/25 12:44	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 126 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>02/04/25 12:44</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>103 %</i>	<i>50-150 %</i>	<i>1</i>	<i>02/04/25 12:44</i>	<i>NWTPH-Gx (MS)</i>	
ACC05-SPW-7 (A5B0817-05)				Matrix: Soil		Batch: 25B0066		
Gasoline Range Organics	ND	---	6.51	mg/kg dry	50	02/04/25 13:38	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 113 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>02/04/25 13:38</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>103 %</i>	<i>50-150 %</i>	<i>1</i>	<i>02/04/25 13:38</i>	<i>NWTPH-Gx (MS)</i>	

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ANALYTICAL REPORT

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ORELAP ID: OR100062

ACC Environmental Consultants, Inc. 3925 NE 72nd Ave. Suite 103 Vancouver, WA 98661	Project: Rainier Pac Pride Project Number: 10028-020 Project Manager: Chris Daschel	Report ID: A5B0817 - 02 17 25 1047
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ANALYTICAL SAMPLE RESULTS

BTEX+N Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
ACC04-PF-9 (A5B0817-04)				Matrix: Soil		Batch: 25B0066		
Benzene	ND	---	0.0143	mg/kg dry	50	02/04/25 12:44	5035A/8260D	
Toluene	ND	---	0.0713	mg/kg dry	50	02/04/25 12:44	5035A/8260D	
Ethylbenzene	ND	---	0.0357	mg/kg dry	50	02/04/25 12:44	5035A/8260D	
Xylenes, total	ND	---	0.107	mg/kg dry	50	02/04/25 12:44	5035A/8260D	
Naphthalene	ND	---	0.143	mg/kg dry	50	02/04/25 12:44	5035A/8260D	
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>			<i>Recovery: 100 %</i>	<i>Limits: 80-120 %</i>	<i>1</i>	<i>02/04/25 12:44</i>	<i>5035A/8260D</i>	
<i>Toluene-d8 (Surr)</i>			<i>92 %</i>	<i>80-120 %</i>	<i>1</i>	<i>02/04/25 12:44</i>	<i>5035A/8260D</i>	
<i>4-Bromofluorobenzene (Surr)</i>			<i>105 %</i>	<i>79-120 %</i>	<i>1</i>	<i>02/04/25 12:44</i>	<i>5035A/8260D</i>	

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ANALYTICAL SAMPLE RESULTS

Polycyclic Aromatic Hydrocarbons (PAHs) by EPA 8270E (SIM)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
ACC04-PF-9 (A5B0817-04)				Matrix: Soil		Batch: 25B0324		CONT
Acenaphthene	ND	---	0.0126	mg/kg dry	1	02/12/25 15:51	EPA 8270E SIM	
Acenaphthylene	0.0155	---	0.0126	mg/kg dry	1	02/12/25 15:51	EPA 8270E SIM	
Anthracene	ND	---	0.0126	mg/kg dry	1	02/12/25 15:51	EPA 8270E SIM	
Benzo(a)anthracene	0.0322	---	0.0126	mg/kg dry	1	02/12/25 15:51	EPA 8270E SIM	
Benzo(a)pyrene	0.0500	---	0.0126	mg/kg dry	1	02/12/25 15:51	EPA 8270E SIM	
Benzo(b)fluoranthene	0.0541	---	0.0126	mg/kg dry	1	02/12/25 15:51	EPA 8270E SIM	
Benzo(k)fluoranthene	0.0180	---	0.0126	mg/kg dry	1	02/12/25 15:51	EPA 8270E SIM	M-05
Benzo(g,h,i)perylene	0.0487	---	0.0126	mg/kg dry	1	02/12/25 15:51	EPA 8270E SIM	
Chrysene	0.0474	---	0.0126	mg/kg dry	1	02/12/25 15:51	EPA 8270E SIM	
Dibenz(a,h)anthracene	ND	---	0.0126	mg/kg dry	1	02/12/25 15:51	EPA 8270E SIM	
Fluoranthene	0.0917	---	0.0126	mg/kg dry	1	02/12/25 15:51	EPA 8270E SIM	
Fluorene	ND	---	0.0126	mg/kg dry	1	02/12/25 15:51	EPA 8270E SIM	
Indeno(1,2,3-cd)pyrene	0.0369	---	0.0126	mg/kg dry	1	02/12/25 15:51	EPA 8270E SIM	
1-Methylnaphthalene	ND	---	0.0126	mg/kg dry	1	02/12/25 15:51	EPA 8270E SIM	
2-Methylnaphthalene	ND	---	0.0126	mg/kg dry	1	02/12/25 15:51	EPA 8270E SIM	
Phenanthrene	0.0655	---	0.0126	mg/kg dry	1	02/12/25 15:51	EPA 8270E SIM	
Pyrene	0.0998	---	0.0126	mg/kg dry	1	02/12/25 15:51	EPA 8270E SIM	
Dibenzofuran	ND	---	0.837	mg/kg dry	1	02/12/25 15:51	EPA 8270E SIM	R-02
<i>Surrogate: 2-Fluorobiphenyl (Surr)</i>			<i>Recovery: 79 %</i>	<i>Limits: 44-120 %</i>	<i>1</i>	<i>02/12/25 15:51</i>	<i>EPA 8270E SIM</i>	
<i>p-Terphenyl-d14 (Surr)</i>			<i>77 %</i>	<i>54-127 %</i>	<i>1</i>	<i>02/12/25 15:51</i>	<i>EPA 8270E SIM</i>	

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Cameron O'Brien, Project Manager



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ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
ACC01-WPW-7 (A5B0817-01)				Matrix: Soil		Batch: 25B0078		
% Solids	71.8	---	1.00	%	1	02/05/25 05:18	EPA 8000D	
ACC02-NPW-7 (A5B0817-02)				Matrix: Soil		Batch: 25B0078		
% Solids	94.0	---	1.00	%	1	02/05/25 05:18	EPA 8000D	CONT
ACC03-EPW-7 (A5B0817-03)				Matrix: Soil		Batch: 25B0078		
% Solids	83.6	---	1.00	%	1	02/05/25 05:18	EPA 8000D	CONT
ACC04-PF-9 (A5B0817-04)				Matrix: Soil		Batch: 25B0078		
% Solids	71.4	---	1.00	%	1	02/05/25 05:18	EPA 8000D	CONT
ACC05-SPW-7 (A5B0817-05)				Matrix: Soil		Batch: 25B0078		
% Solids	84.7	---	1.00	%	1	02/05/25 05:18	EPA 8000D	

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QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25B0182 - EPA 3546 (Fuels)						Soil						
Blank (25B0182-BLK1)		Prepared: 02/07/25 06:11 Analyzed: 02/07/25 08:12										
<u>NWTPH-Dx</u>												
Diesel	ND	---	20.0	mg/kg wet	1	---	---	---	---	---	---	---
Oil	ND	---	40.0	mg/kg wet	1	---	---	---	---	---	---	---
<i>Surr: o-Terphenyl (Surr)</i>		<i>Recovery: 80 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						
LCS (25B0182-BS1)		Prepared: 02/07/25 06:11 Analyzed: 02/07/25 08:33										
<u>NWTPH-Dx</u>												
Diesel	104	---	20.0	mg/kg wet	1	125	---	83	38 - 132%	---	---	---
<i>Surr: o-Terphenyl (Surr)</i>		<i>Recovery: 83 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						

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

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 25B0066 - EPA 5035A						Soil						
Blank (25B0066-BLK1)		Prepared: 02/04/25 08:00 Analyzed: 02/04/25 10:54										
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	ND	---	5.00	mg/kg wet	50	---	---	---	---	---	---	---
<i>Surr: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery: 107 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						
<i>1,4-Difluorobenzene (Sur)</i>		<i>103 %</i>		<i>50-150 %</i>		<i>"</i>						
LCS (25B0066-BS2)		Prepared: 02/04/25 08:00 Analyzed: 02/04/25 10:27										
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	27.9	---	5.00	mg/kg wet	50	25.0	---	112	80 - 120%	---	---	---
<i>Surr: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery: 105 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						
<i>1,4-Difluorobenzene (Sur)</i>		<i>99 %</i>		<i>50-150 %</i>		<i>"</i>						
Duplicate (25B0066-DUP1)		Prepared: 02/03/25 09:55 Analyzed: 02/04/25 13:11										
<u>QC Source Sample: ACC04-PF-9 (A5B0817-04)</u>												
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	14.1	---	7.13	mg/kg dry	50	---	18.8	---	---	29	30%	---
<i>Surr: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery: 127 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						
<i>1,4-Difluorobenzene (Sur)</i>		<i>103 %</i>		<i>50-150 %</i>		<i>"</i>						

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ANALYTICAL REPORT

Apex Laboratories, LLC

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--------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------	-----------------------------------------------------

QUALITY CONTROL (QC) SAMPLE RESULTS

BTEX+N Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25B0066 - EPA 5035A						Soil						
Blank (25B0066-BLK1)		Prepared: 02/04/25 08:00 Analyzed: 02/04/25 10:54										
<u>5035A/8260D</u>												
Benzene	ND	---	0.0100	mg/kg wet	50	---	---	---	---	---	---	---
Toluene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
Ethylbenzene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	---
Xylenes, total	ND	---	0.0750	mg/kg wet	50	---	---	---	---	---	---	---
Naphthalene	ND	---	0.100	mg/kg wet	50	---	---	---	---	---	---	---
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 98 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>97 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>100 %</i>		<i>79-120 %</i>		<i>"</i>						
LCS (25B0066-BS1)		Prepared: 02/04/25 08:00 Analyzed: 02/04/25 09:59										
<u>5035A/8260D</u>												
Benzene	1.04	---	0.0100	mg/kg wet	50	1.00	---	104	80 - 120%	---	---	---
Toluene	0.970	---	0.0500	mg/kg wet	50	1.00	---	97	80 - 120%	---	---	---
Ethylbenzene	1.10	---	0.0250	mg/kg wet	50	1.00	---	110	80 - 120%	---	---	---
Xylenes, total	3.03	---	0.0750	mg/kg wet	50	3.00	---	101	80 - 120%	---	---	---
Naphthalene	0.952	---	0.100	mg/kg wet	50	1.00	---	95	80 - 120%	---	---	---
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 97 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>99 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>102 %</i>		<i>79-120 %</i>		<i>"</i>						
Duplicate (25B0066-DUP1)		Prepared: 02/03/25 09:55 Analyzed: 02/04/25 13:11										
<u>QC Source Sample: ACC04-PF-9 (A5B0817-04)</u>												
<u>5035A/8260D</u>												
Benzene	ND	---	0.0143	mg/kg dry	50	---	ND	---	---	---	30%	---
Toluene	ND	---	0.0713	mg/kg dry	50	---	ND	---	---	---	30%	---
Ethylbenzene	ND	---	0.0357	mg/kg dry	50	---	ND	---	---	---	30%	---
Xylenes, total	ND	---	0.107	mg/kg dry	50	---	0.0613	---	---	---	***	30%
Naphthalene	ND	---	0.143	mg/kg dry	50	---	ND	---	---	---	30%	---
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 100 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>91 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>105 %</i>		<i>79-120 %</i>		<i>"</i>						

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ANALYTICAL REPORT

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503-718-2323
ORELAP ID: OR100062

ACC Environmental Consultants, Inc. 3925 NE 72nd Ave. Suite 103 Vancouver, WA 98661	Project: Rainier Pac Pride Project Number: 10028-020 Project Manager: Chris Daschel	Report ID: A5B0817 - 02 17 25 1047
--------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------	-----------------------------------------------------

QUALITY CONTROL (QC) SAMPLE RESULTS

Polycyclic Aromatic 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 25B0324 - EPA 3546						Soil						
Blank (25B0324-BLK1)		Prepared: 02/12/25 07:33 Analyzed: 02/12/25 10:48										
EPA 8270E SIM												
Acenaphthene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Acenaphthylene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Anthracene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Benz(a)anthracene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Benzo(a)pyrene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Benzo(b)fluoranthene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Benzo(k)fluoranthene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Chrysene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Dibenz(a,h)anthracene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Fluoranthene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Fluorene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pyrene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
1-Methylnaphthalene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
2-Methylnaphthalene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Naphthalene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Phenanthrene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Pyrene	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
Dibenzofuran	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---	---
<i>Surr: 2-Fluorobiphenyl (Surr)</i>		Recovery: 82 %		Limits: 44-120 %		Dilution: 1x						
<i>p-Terphenyl-d14 (Surr)</i>		81 %		54-127 %		"						

LCS (25B0324-BS1)						Prepared: 02/12/25 07:33 Analyzed: 02/12/25 11:13						
EPA 8270E SIM												
Acenaphthene	0.723	---	0.0100	mg/kg wet	1	0.800	---	90	40 - 123%	---	---	---
Acenaphthylene	0.732	---	0.0100	mg/kg wet	1	0.800	---	92	32 - 132%	---	---	---
Anthracene	0.739	---	0.0100	mg/kg wet	1	0.800	---	92	47 - 123%	---	---	---
Benz(a)anthracene	0.706	---	0.0100	mg/kg wet	1	0.800	---	88	49 - 126%	---	---	---
Benzo(a)pyrene	0.730	---	0.0100	mg/kg wet	1	0.800	---	91	45 - 129%	---	---	---
Benzo(b)fluoranthene	0.735	---	0.0100	mg/kg wet	1	0.800	---	92	45 - 132%	---	---	---
Benzo(k)fluoranthene	0.763	---	0.0100	mg/kg wet	1	0.800	---	95	47 - 132%	---	---	---
Benzo(g,h,i)perylene	0.741	---	0.0100	mg/kg wet	1	0.800	---	93	43 - 134%	---	---	---
Chrysene	0.722	---	0.0100	mg/kg wet	1	0.800	---	90	50 - 124%	---	---	---

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QUALITY CONTROL (QC) SAMPLE RESULTS

Polycyclic Aromatic 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 25B0324 - EPA 3546						Soil						
LCS (25B0324-BS1)		Prepared: 02/12/25 07:33 Analyzed: 02/12/25 11:13										
Dibenz(a,h)anthracene	0.789	---	0.0100	mg/kg wet	1	0.800	---	99	45 - 134%	---	---	
Fluoranthene	0.688	---	0.0100	mg/kg wet	1	0.800	---	86	50 - 127%	---	---	
Fluorene	0.723	---	0.0100	mg/kg wet	1	0.800	---	90	43 - 125%	---	---	
Indeno(1,2,3-cd)pyrene	0.719	---	0.0100	mg/kg wet	1	0.800	---	90	45 - 133%	---	---	
1-Methylnaphthalene	0.707	---	0.0100	mg/kg wet	1	0.800	---	88	40 - 120%	---	---	
2-Methylnaphthalene	0.700	---	0.0100	mg/kg wet	1	0.800	---	88	38 - 122%	---	---	
Naphthalene	0.728	---	0.0100	mg/kg wet	1	0.800	---	91	35 - 123%	---	---	
Phenanthrene	0.736	---	0.0100	mg/kg wet	1	0.800	---	92	50 - 121%	---	---	
Pyrene	0.687	---	0.0100	mg/kg wet	1	0.800	---	86	47 - 127%	---	---	
Dibenzofuran	0.717	---	0.0100	mg/kg wet	1	0.800	---	90	44 - 120%	---	---	
<i>Surr: 2-Fluorobiphenyl (Surr)</i>		<i>Recovery: 87 %</i>		<i>Limits: 44-120 %</i>		<i>Dilution: 1x</i>						
<i>p-Terphenyl-d14 (Surr)</i>		<i>84 %</i>		<i>54-127 %</i>		<i>"</i>						

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

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25B0078 - Dry Weight Prep (EPA 8000D)						Soil						
Duplicate (25B0078-DUP1)		Prepared: 02/04/25 10:43 Analyzed: 02/05/25 05:18										
<u>QC Source Sample: ACC01-WPW-7 (A5B0817-01)</u>												
<u>EPA 8000D</u>												
% Solids	70.6	---	1.00	%	1	---	71.8	---	---	2	10%	
Duplicate (25B0078-DUP2)		Prepared: 02/04/25 10:43 Analyzed: 02/05/25 05:18										
<u>QC Source Sample: ACC02-NPW-7 (A5B0817-02)</u>												
<u>EPA 8000D</u>												
% Solids	93.8	---	1.00	%	1	---	94.0	---	---	0.2	10%	CONT
Duplicate (25B0078-DUP3)		Prepared: 02/04/25 10:43 Analyzed: 02/05/25 05:18										
<u>QC Source Sample: ACC03-EPW-7 (A5B0817-03)</u>												
<u>EPA 8000D</u>												
% Solids	87.7	---	1.00	%	1	---	83.6	---	---	5	10%	CONT
Duplicate (25B0078-DUP4)		Prepared: 02/04/25 10:43 Analyzed: 02/05/25 05:18										
<u>QC Source Sample: ACC04-PF-9 (A5B0817-04)</u>												
<u>EPA 8000D</u>												
% Solids	68.0	---	1.00	%	1	---	71.4	---	---	5	10%	
Duplicate (25B0078-DUP5)		Prepared: 02/04/25 10:43 Analyzed: 02/05/25 05:18										
<u>QC Source Sample: ACC05-SPW-7 (A5B0817-05)</u>												
<u>EPA 8000D</u>												
% Solids	84.6	---	1.00	%	1	---	84.7	---	---	0.1	10%	

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SAMPLE PREPARATION INFORMATION

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Prep: EPA 3546 (Fuels)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 25B0182</u>							
A5B0817-01	Soil	NWTPH-Dx	02/03/25 09:35	02/07/25 10:21	11.75g/5mL	10g/5mL	0.85
A5B0817-02	Soil	NWTPH-Dx	02/03/25 09:45	02/07/25 10:21	11.1g/5mL	10g/5mL	0.90
A5B0817-03	Soil	NWTPH-Dx	02/03/25 09:50	02/07/25 10:21	11.58g/5mL	10g/5mL	0.86
A5B0817-04RE1	Soil	NWTPH-Dx	02/03/25 09:55	02/07/25 10:21	11.76g/5mL	10g/5mL	0.85
A5B0817-05	Soil	NWTPH-Dx	02/03/25 10:05	02/07/25 10:21	11.38g/5mL	10g/5mL	0.88

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

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 25B0066</u>							
A5B0817-01	Soil	NWTPH-Gx (MS)	02/03/25 09:35	02/03/25 09:35	5.36g/5mL	5g/5mL	0.93
A5B0817-02	Soil	NWTPH-Gx (MS)	02/03/25 09:45	02/03/25 09:45	4.38g/5mL	5g/5mL	1.14
A5B0817-03	Soil	NWTPH-Gx (MS)	02/03/25 09:50	02/03/25 09:50	4.62g/5mL	5g/5mL	1.08
A5B0817-04	Soil	NWTPH-Gx (MS)	02/03/25 09:55	02/03/25 09:55	6.83g/5mL	5g/5mL	0.73
A5B0817-05	Soil	NWTPH-Gx (MS)	02/03/25 10:05	02/03/25 10:05	5.26g/5mL	5g/5mL	0.95

BTEX+N Compounds by EPA 8260D

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 25B0066</u>							
A5B0817-04	Soil	5035A/8260D	02/03/25 09:55	02/03/25 09:55	6.83g/5mL	5g/5mL	0.73

Polycyclic Aromatic Hydrocarbons (PAHs) by EPA 8270E (SIM)

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 25B0324</u>							
A5B0817-04	Soil	EPA 8270E SIM	02/03/25 09:55	02/12/25 07:33	11.09g/5mL	10g/5mL	0.90

Percent Dry Weight

Prep: Dry Weight Prep (EPA 8000D)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 25B0078</u>							

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SAMPLE PREPARATION INFORMATION

Percent Dry Weight

Prep: Dry Weight Prep (EPA 8000D)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A5B0817-01	Soil	EPA 8000D	02/03/25 09:35	02/04/25 10:43	1g	1g	1.00
A5B0817-02	Soil	EPA 8000D	02/03/25 09:45	02/04/25 10:43	1g	1g	1.00
A5B0817-03	Soil	EPA 8000D	02/03/25 09:50	02/04/25 10:43	1g	1g	1.00
A5B0817-04	Soil	EPA 8000D	02/03/25 09:55	02/04/25 10:43	1g	1g	1.00
A5B0817-05	Soil	EPA 8000D	02/03/25 10:05	02/04/25 10:43	1g	1g	1.00

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Cameron O'Brien, Project Manager



ANALYTICAL REPORT

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Table with 3 columns: Client (ACC Environmental Consultants, Inc.), Project (Rainier Pac Pride), and Report ID (A5B0817 - 02 17 25 1047).

QUALIFIER DEFINITIONS

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

Apex Laboratories

- 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.
F-11 The hydrocarbon pattern indicates possible weathered diesel, mineral oil, or a contribution from a related component.
F-12 The result for this hydrocarbon range is primarily due to the presence of individual analyte peaks in the quantitation range. No fuel pattern detected.
F-13 The chromatographic pattern does not resemble the fuel standard used for quantitation
F-17 No fuel pattern detected. The Diesel result represents carbon range C10 to C25, and the Oil result represents >C25 to C40.
M-05 Estimated results. Peak separation for structural isomers is insufficient for accurate quantification.
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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Cameron O'Brien signature

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REPORTING NOTES AND CONVENTIONS:

Abbreviations:

- DET Analyte DETECTED at or above the detection or reporting limit.
- ND Analyte NOT DETECTED at or above the detection or reporting limit.
- NR Result Not Reported.
- RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

Detection Limits: Limit of Detection (LOD)

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

Reporting Limits: Limit of Quantitation (LOQ)

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

Reporting Conventions:

- Basis: Results for soil samples are generally reported on a 100% dry weight basis.
The Result Basis is listed following the units as " dry", " wet", or " " (blank) designation.
 - " dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")
See Percent Solids section for details of dry weight analysis.
 - " wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.
 - " " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

QC Source:

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

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

Miscellaneous Notes:

- " --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.
- " *** " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Blanks:

- Standard practice is to evaluate the results from Blank QC Samples down to a level equal to one half of the Reporting Limit (RL).
- Blank results for gravimetric analyses are evaluated to the Reporting Level, not to half of the Reporting Level.
- For Blank hits falling between 1/2 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.

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REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses. 'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

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

Soil and Sediment Samples:

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

Sampling and Preservation Notes:

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

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

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

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

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<p>ACC Environmental Consultants, Inc. 3925 NE 72nd Ave. Suite 103 Vancouver, WA 98661</p>	<p>Project: Rainier Pac Pride Project Number: 10028-020 Project Manager: Chris Daschel</p>	<p>Report ID: A5B0817 - 02 17 25 1047</p>
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Decanted Samples:

Soils/Sediments:

Unless TCLP analysis is required or there is notification otherwise for a specific project, all Soil and Sediments containing excess water are decanted prior to analysis in order to provide the most representative sample for analysis.

Water Samples:

Water samples containing solids and sediment may need to be decanted in order to eliminate these particulates from the water extractions. In the case of organics extractions, a solvent rinse of the container will not be performed.

Volatiles Soils (5035s)

Samples that are field preserved by 5035 for volatiles are dry weight corrected using the same dry weight correction as for normal analyses. In the case of decanted samples, the dry weight may be performed on a decanted sample, while the aliquot for 5035 may not have been treated the same way. If this is a concern, please submit separate containers for dry weight analysis for volatiles can be provided.

All samples decanted in the laboratory are noted in this report with the DCNT qualifier indicating the sample was decanted.

Apex Laboratories

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

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LABORATORY ACCREDITATION INFORMATION

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

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

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation
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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.

Apex Laboratories

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3925 NE 72nd Ave. Suite 103 Project Number: **10028-020**
Vancouver, WA 98661 Project Manager: **Chris Daschel** **Report ID:**
A5B0817 - 02 17 25 1047

APEX LABS 6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323		CHAIN OF CUSTODY		Lab # <u>A5B0817</u>	COC # of _____
Company: ACC		Project Name: <u>Rainier Pac Pride</u>		Project #: <u>10028-020</u>	
Address: <u>3925 NE 72nd Ave, Vancouver, WA</u>		Phone: <u>503-811-4128</u>		PO # _____	
Sampled by: <u>Joseph Thayer</u>		Project Mgr: <u>Chris Daschel</u>		Email: <u>C.Daschel@accenv.com</u>	
State Sampled: <u>WA</u>		ANALYSIS REQUEST			
Other _____					
County: <u>Columbia</u>					
SAMPLE ID	DATE	TIME	# OF CONTAINERS	MATRIX	ARCHIVE - FROZEN
1 ACC01-WPW-7	2/03/25	0735	3	✓	
2 ACC02-MPW-7		0745	3	✓	
3 ACC03-EPW-7		0750	3	✓	
4 ACC04-PF-7		0755	3	✓	
5 ACC05-SPW-7		1005	3	✓	
6					
7					
8					
9					
10					

Normal Turn Around Time (TAT) = 10 Business Days --> *** RUSH - Request --> Indicate Date Needed: ACC ***Rush TAT requests may incur additional cost		SPECIAL INSTRUCTIONS: <u>Additional following for VOCs - ML PAH, contact PM</u>	
For TAT calculations, samples received after 3pm will be considered received the next business day. Data will be reported by 6pm. Samples with <72 hrs of hold time may be surcharged. SAMPLES ARE HELD FOR 30 DAYS		RELINQUISHED BY: Signature: <u>[Signature]</u> Date: <u>2/3/25</u> Printed Name: <u>Joseph Thayer</u> Time: <u>1254</u> Company: <u>ACC</u>	
RECEIVED BY: Signature: <u>[Signature]</u> Date: _____ Printed Name: _____ Time: _____ Company: _____		RECEIVED BY: Signature: _____ Date: _____ Printed Name: _____ Time: _____ Company: _____	

Apex Laboratories

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C. O'Brien

Cameron O'Brien, Project Manager



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APEX LABS COOLER RECEIPT FORM

Client: ACC **Element WO#:** A5B0817

Project/Project #: Rainier Pac Pride 10028-020

Delivery Info:

Date/time received: 2/3/25 @ 1254 By: AAW

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

From USDA Regulated Origin? Yes No

Cooler Inspection Date/time inspected: 2/3/25 @ 1254 By: AAW

Chain of Custody included? Yes No

Signed/dated by client? Yes No

Contains USDA Reg. Soils? Yes No Unsure (email RegSoils)

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	<u>2.4</u>						
Custody seals? (Y/N)	<u>N</u>						
Received on ice? (Y/N)	<u>Y</u>						
Temp. blanks? (Y/N)	<u>N</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: 2/3/25 @ BOT 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: _____

Comments: _____

Labeled by: AAW

Witness: [Signature]

Cooler Inspected by: AAW

Form Y-003 R-02

Apex Laboratories

[Signature]

Cameron O'Brien, Project Manager

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