UNDERGROUND STORAGE TANK DECOMMISSIOING AND RISK-BASED DECISION MAKING REPORT

Property Identification:

LUST #26-25-0077
5005 NE FREMONT STREET
PORTLAND, OREGON 97213

Prepared for:

SHARON POYNTER
VALERIA JONES
104 OVERBROOK RD
GREENWOOD, SC 29649

Prepared By:

ALPHA ENVIRONMENTAL SERVICES, INC.
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BEAVERTON, OREGON 97005
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Date Issued: May 12, 2025
Alpha Project Number: 24-64132

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1.0 INTRODUCTION

Alpha Environmental Services (Alpha) was retained to conduct underground storage tank (UST) decommissioning and site assessment at the property located at 5005 NE Fremont Street, Portland, Oregon (the Property).

The tanks decommissioned by Alpha at the site consisted of one 550-gallon waste oil tank (T1) and one 675-gallon gasoline tank (T2). A third tank (T3) was located in a common pit with T2 and was previously filled in place with sand. The decommissioning included representative soil sampling, excavation to the top of tanks, cleaning of the tanks, removal of T2, the filling of tank T1 with gravel and the backfilling of the excavations.

The protocol used for this project is in general conformance with Oregon Administrative Rule (OAR) 340-150, *Underground Storage Tank Rules.*

According to the historic city directories, the Property was previously occupied by a gasoline service station in the 1950s. It appears to have been out of business since the 1970s. The waste oil tank was likely part of the service station/automotive repair business.

1.1 Scope of Services

The scope of services for this project included:

1. Completing required DEQ paperwork.
2. Decommissioning one the tank by filling in place and decommissioning of one tank by removal.
3. Collecting sufficient soil samples to delineate the complete extent of petroleum in soil impacts.
4. Submitting the soil samples to a reputable independent laboratory for chemical analysis using approved analytical methods.
5. Evaluating the analytical results with respect to State of Oregon underground storage tank regulations.
6. Preparing and submitting a report to the Oregon Department of Environmental Quality (DEQ) documenting findings and analytical data and providing information that the tank decommissioning meets Oregon DEQ regulations.

1.2 Property Identification and Features

The address of the Property is 5005 NE Fremont Street, Portland, Multnomah County, Oregon. The Property State identification is R226406 (1N2E19CD 2000). Currently, the Property is currently occupied by All Weather Home Remodeling. The Property is zoned EG1 (General Employment) by the City of Portland and does not allow for future residential development.

The building is constructed with a slab on grade foundation. The building is located approximately 25 to 30 feet from the petroleum impacted area. There appears to be no preferential pathway for vapors to enter the building. The sewer line enters the back of the building and the natural gas line the west side of the building off NE 50th Avenue. Power lines are located overhead. The water meter is located along NE Fremont Street and the water line runs approximately 5 feet west of the impacted soils and toward the building. The water line was observed in the excavation for Tank #1 and is approximately 1.5 feet below grade and is bedded in native soils.

The Property is flat and is at an approximate average elevation of 257 feet above mean sea level. The vicinity of the Property can generally be described as commercial and residential. The nearest apartment style residential units are across NE Fremont Street and across NE 50th Avenue located approximately 60 to 75 feet away.

1.3 Geology and Groundwater

The Property is situated within the Willamette Valley, which is a portion of the Puget Trough physiographic sub province of the Pacific Mountain System geological province of the State of Oregon. This area consists of fluviolacustrine sedimentary deposits. Underlying the area is unconsolidated silt, sand, gravel and clay. Generally, this specific area consists of fine-grained material, but gravel layers may also be found there to some extent. (Walker, et al., 1991).

According to the USGS Depth to Groundwater Interactive Map and Water Resources Department (WRD) online database, static groundwater appears to be located approximately 220 feet below surface grade (bsg). The flow of groundwater typically imitates the surface topography and ordinarily flows from higher to lower elevations. The near surface flow may be influenced by stratigraphy, water bodies, rainfall, underground utilities and other subsurface features. Based on the general topography of the Property and vicinity, groundwater is anticipated to flow to the north. No groundwater was observed in the borings or in the tank excavation.

The nearest major surface water in the vicinity of the Property is the Columbia Slough located approximately 1.7 miles north of the Property.

2.0 SITE WORK

A 30-Day tank registration and decommissioning notice was prepared by Alpha and submitted to the DEQ for approval. The 3-Day notification was given to the DEQ prior to beginning site work. The waste oil tank was assigned the designation of Tank 1 (T1) and the partially filled gasoline tank the designation of Tank 2 (T2). The designation of Tank 3 (T3) was given to the 550-gallon tank (assumed to have been gasoline) that was previously filled in place. The time occurrence of the filling of the Tank T3 and the partial filling of Tank T2 is unknown.

2.1 Tank Summary

- 1 – 550-gallon waste oil tank (east/west orientation) – Tank T1
- 1 – 675-gallon gasoline tank (north/south orientation) – Tank T2 partially filled with sand
- 1 – 675-gallon gasoline tank (north/south orientation) – Tank T3 completely filled with sand
- Approximately 2 to 3 feet to top of tanks
- Waste oil tank contained oil sludge
- Gasoline Tank T2 contained petroleum contaminated sand (approximately ½ full)
- Tanks T2 and T3 located in a common pit
- Estimated to have been installed in the 1920s to the 1950s

2.2 Tank Observation and Interpretation

Little was known about the onsite tanks prior to the investigation. Historical City Directories indicate the property was gas station and automotive repair in the 1950s. Tank #1 was interpreted to be a waste oil tank as in contained thick oil sludge at the base. Tank #2 was interpreted to be a gasoline tank as the tank was partially filled with sand that smelled like gasoline. Tank #3 was also interpreted to be a gasoline tank. Neither Tank #2 nor Tank #3 was suspected to be diesel fuel as it was not commonly available at local fuel station in the 1950s.

2.3 Initial Soil Sample Collection

Initial soil sample collection was conducted on January 7, 2025 and January 8, 2025. Petroleum impacts were detected at the south end of Tank T2. The release was reported to through DEQ online reporting system. A total of 11 soil samples were collected from the tanks. One sample was collected from each end of all tanks, one sample was collected on each side of all tanks, except only one sample was collected in between T2 and T3. The highest initial detection occurred at the south end of Tank #2 (T2-S(PF)-7') and the detected concentration of gasoline at 2,500 parts per million (ppm). Sample T2-S(PF)-7' was the only sample to exhibit olfactory evidence of petroleum impacts.

Field investigation and sampling activities were conducted under the supervision of Mr. Jim Cooper, senior geologist for Alpha and Matt Holmstrom, UST Supervisor. The subsurface sampling consisted of the advancement of 11 shallow soil borings manually advanced with a jack hammer and using a GeoProbe sampler. Soils encountered in the tank pit and in borings consisted of sandy silt with gravel and cobbles. At approximately 8 feet below ground surface, the soils transitioned to a cemented gravel layer.

The soil probe was driven to the depth of interest and then the sample tube opened by releasing the holding pin. The releasing of the pin allows the drive tip to retract into the tube and the sampler is driven deeper to collect the sample at the selected depth interval. Soil samples were collected in a single-use thin-walled polyethylene tube inserted inside the stainless-steel GeoProbe sample tube. In between each boring, the push probe sampler was decontaminated. A site plan with approximate boring locations and tank locations is included as Figure 2.

The soil samples were placed in laboratory-provided glass jars, capped with Teflon®-lined lids and placed in a cooler on ice. Specific soil designations were given to each sample based on boring number and depth. Example: T2-S (PF)-7' was collected from the south pit floor of Tank 2 at approximately 7 feet below ground surface. The samples were transported to Alpha's designated sample refrigerator until picked up by an Apex Laboratory courier.

Samples were handled under chain-of-custody protocol and initially analyzed by test method NWTPH-HCID (hydrocarbon identification) with follow up by NWTPH-Gx (quantifies gasoline range petroleum hydrocarbons) and/or NWTPH-Dx (quantifies diesel and oil range petroleum hydrocarbons), as applicable. The highest detected sample was additionally analyzed by EPA Test Method 8260 RBDM Volatile Organic Compounds (VOCs) and EPA Test Method 6020B for lead.

2.4 Delineation Soil Sample Collection

Alpha attempted to collect the vertical delineation sample on January 8, 2025, from below the location of T2-S (PF)-7'. Drilling refusal in compacted sands/gravels was encountered at approximately 8 feet below ground surface with minimal sample recovery. A second attempt was made approximately one foot to the east of sample T2-S (PF)-7', but again was impeded by drilling refusal at approximately 8 feet. No additional borings were attempted.

2.5 Tank Decommissioning Work

On January 7, 2025, Alpha began the tank decommissioning site work. Alpha began by removing the asphalt and overburden soil to expose the top of the tanks and set in an isolated piles.

The top of the waste oil tank (T1) was encountered approximately two feet below ground surface. The fill pipe appeared to have been previously removed and the tank was found to contain semi-consolidate sludge. The interior of the tank was checked with a 4-gas meter through the fill pipe opening and the Lower Explosive Limits (LEL) readings were consistently below 5%. A reciprocating saw was used to enlarge the opening and the tank was vented with fresh moving air via a fan. The tank atmosphere was checked again and showed sufficient oxygen for entry and cleaning. Once the tank was cleaned and samples collected, the tank was backfilled with gravel.

The top of the two gasoline tanks were encountered approximately three feet below ground surface. The tops of both tanks had been previously cut open and the cut portion set back roughly in place. Tank T2 was filled about half-way with petroleum impacted sand. Tank T3 was found to be completely filled with non-impacted sand.

The impacted sand in Tank T2 was removed with the excavator and placed in a waiting dump trailer. Once the sand was removed, the tank was lifted from the tank pit. The tank was placed on the ground and chocked to prevent rolling. The tank was labeled and set aside for pending recycling.

Contaminated soil was not removed from the south end of Tank #2 because of the proximity to the sidewalk and the large metal sign pole adjacent to the excavation.

The excavation was backfilled with the overburden material and gravel. The backfill was compacted to a dense non-yielding condition to match the existing surface grade.

2.6 Field and Sample Quality Control

Site activities were conducted by Alpha personnel according to the site specific health and safety operating procedures developed for the project. Prior to beginning field work, a safety meeting was held to ensure Alpha personnel and subcontractors understood health and safety protocol associated with the project. The

excavation, soil sampling and quality controls were performed under the supervision of an Oregon Registered Geologist and DEQ Licensed Tank Supervisor.

Sample Collection

For samples collected for HCID/VOC analysis, the sample of the soil was collected following EPA Method 5035A using a Terra Core™ sampling tool and placed in a pre-tared vial containing preservative with a septum-sealed screw cap. Once sealed, the sample was not exposed to the atmosphere until analysis was conducted. The sample collection process was completed in the least amount of time to minimize the loss of VOCs due to volatilization. Soil collected for non-VOC analysis was placed directly into laboratory-provided 4-oz jars and capped.

Decontamination of Field Equipment

Decontamination of Alpha supplied reusable field equipment included manual removal of particles, wash with Alconox solution and rinse with tap water.

Sample Handling

Sample containers were labeled with the project name and number, the time of sampling, sampler's initials, sample designation and date. Containers were placed upright in the coolers and ice packets were placed around and on top of the sample containers. The cooler was transported to Alpha's office pending transport to the laboratory. A representative courier Apex Laboratories, in Tualatin, Oregon picked the samples up in Alpha's secure storage area under chain-of-custody protocol. Samples were kept on ice during storage and transport.

3.0 LABOBORATORY RESULTS

Initial Soil Samples

As per DEQ requirements, since the former contents of the tanks was unknown, the initial soil samples were analyzed by test method NWTPH-HCID to determine the type of petroleum products involved. The HCID results indicate detections for gasoline range petroleum hydrocarbons only. The highest detected sample (T2-S(PF)-7') was additionally analyzed for RBDM VOCs and lead. The was also a detection of diesel in sample T2-S(PF)-7'; however, the sample not analyzed by NWTPH-Dx as the laboratory indicated the detection was overlap from the gasoline range.

A summary of the initial laboratory analytical results is presented below in Tables 1 and 2.

Table 1 – Initial Soil Sample Analytical Results - Petroleum

Sample No.	Location of Sample	Sample Depth in Feet	TPH - HCID			NWTPH-Gx	NWTPH-Dx	
			Gasoline	Diesel	Heavy Oil	Gasoline	Diesel	Heavy Oil
			Result mg/kg	Result mg/kg	Result mg/kg	Result mg/kg	Result mg/kg	Result mg/kg
T1-W(IT)-77"	West end of Tank #1	6.5	*ND*	*ND*	*ND*	-	-	-
T1-E(IT)-77"	East end of Tank #2	6.5	*ND*	*ND*	*ND*	-	-	-
T2-N(PF)-7'	North end of Tank #2	7	*ND*	*ND*	*ND*	-	-	-
T2-S(PF)-7'	South end of Tank #2	7	**DET**	**DET**	*ND*	**2,500**	*	-
Mid-T2-T3	In between Tank #2-3	7	**DET**	*ND*	*ND*	**305**	-	-
T2-WW-7'	Tank #2 West side	7	*ND*	*ND*	*ND*	-	-	-
T3-EW-7'	Tank #3 East side	7	*ND*	*ND*	*ND*	-	-	-
T1-NW-6'	North side of Tank #1	6	*ND*	*ND*	*ND*	-	-	-
T1-SW-6'	South side of Tank #1	6	*ND*	*ND*	*ND*	-	-	-
T3-N(OT)-7'	North end of Tank #3	7	*ND*	*ND*	*ND*	-	-	-
T3-S(OT)-7'	South side of Tank #3	3	*ND*	*ND*	*ND*	-	-	-
Generic Risk Based Screening Levels								
Volatilization to Outdoor Air						69,000	>Max	>Max
Direct Contact (Construction Worker)						9,700	4,600	2,200

ND = Analyte Not Detected at or above laboratory reporting limit (See Laboratory Report) All reporting limits are below the RBCs.
mg/kg = milligram per kilogram or parts per million (ppm)
* = Sample not analyzed by NWTPH-Dx as the laboratory indicated the detection was overlap from the gasoline range. Note F18x in laboratory report.

RBDM VOCs

The initial sample with the highest gasoline detection was T2-S(PF)-7'at at 2,500 ppm was additionally analyzed for RBDM VOCs. The laboratory results indicate no analytes were detected above the laboratory reporting limits.

Table 2 – Initial Soil Sample Analytical Results – RBDM VOCs

	T2-S(PF)-7'	Volatilization to Outdoor Air	Direct Contact (Construction Worker)
Depth bsg (feet)	7	-	-
Location of Sample	South end of Tank #2	-	-
	Result mg/kg	**RBC** mg/kg	**RBC** mg/kg
Benzene	**2.50**	50	380
Toluene	**27.6**	>Csat	28,000
Ethylbenzene	**14.0**	160	1,700
Xylenes	**119**	>Csat	20,000
MTBE	*ND < 0.119*	1,500	12,000
Naphthalene	**6.83**	83	580
1,2-Dibromoethane (EDB)	*ND < 0.119*	0.65	9.0
1,2-Dichloroethane (EDC)	**0.182**	15	200
Isopropyl benzene	**1.87**	>Csat	27,000
1,2,4-Trimethylbenzene	**108**	>Csat	2,900
1,3,5-Trimethylbenzene	**37.3**	>Csat	2,900

ND = Analyte Not Detected at or above laboratory reporting limit
NE = No Cleanup Value Established by DOE
mg/kg = milligram per kilogram or parts per million (ppm)
>Csat = Exceeds the limit of three phase equilibrium partitioning

Metals

The initial sample with the highest oil range detection was T2-S(PF)-7'at 2,500 ppm was additionally analyzed for lead. The laboratory results indicate that lead was detected at 39.9 ppm and is below the background concentration in the Portland area of 79 ppm.

4.0 CONCEPTUAL SITE MODEL

The Conceptual Site Model (CSM) summary is designed to provide a depiction of relevant site features and the surface/subsurface conditions. The table helps to define the transport mechanisms, exposure pathways and the risk to potential receptors. The Property is zoned EG1 (General Employment) by the City of Portland and does not allow for future residential development.

TABLE 3: - Conceptual Site Model Risk Table

Potentially Exposed Population	Exposure Route, Medium and Exposure Point	Pathway Selected?	Potential Risk from This Pathway?	Reason for Selection or Exclusion
SOURCE: **GASOLINE TANK;** CURRENT AND FUTURE LAND USE: **COMMERCIAL;** IMPACTED MEDIUM: **SOIL**				
Adults (Occupational)	Soil Ingestion, Dermal Contact or Inhalation from on-site soils above 3 feet (RBC_{ss})	No	**No**	The pathway is incomplete because contaminated soils are not within 3 feet of the surface.
Adults (Construction & Excavation Workers)	Soil Ingestion, Dermal Contact or Inhalation from on-site soils below 3 feet (RBC_{ss}).	Yes	**No**	The pathway is complete; however, detected concentrations are below the RBCs. The RBCs for construction workers were selected as it is more conservative.
Adults (Occupational)	Volatilization to Outdoor Air (RBC_{so})	Yes	**No**	The pathway is complete; however, detected concentrations are below the RBCs.
Adults (Occupational)	Vapor Intrusion into Buildings (RBC_{si})	Yes	**No**	The building is located approximately 30 feet from the highest impacts, so the pathway is not likely complete. No preferential pathways exist.
Adults (Occupational)	Soil Leaching to Groundwater (RBC_{sw})	No	**No**	The pathway is not complete since drinking water is supplied by the municipal system and groundwater is greater than 200 feet.

Ecological Receptors

Surface water or sediments were not encountered at the site. The nearest major surface water in the vicinity of the Property is the Columbia Slough located approximately 1.7 miles north of the Property. No ecological risk is anticipated.

5.0 CONCLUSIONS

In accordance with the scope of services, the tank was decommissioned according to OAR 340-150 and the American Petroleum Institute (API) Recommended Practice 1604.

5.1 Findings

Summary of Decommissioning

- Paperwork submitted to DEQ.
- Waste oil tank was cleaned of remaining sludge.
- The waste oil tank was filled in place with gravel.
- The partially filled gasoline was emptied of impacted sand and decommissioned by removal.
- Sufficient soil samples were collected to delineate remaining contamination.
- Soil sampling indicates all remaining contamination is below all applicable RBCs.
- Drilling refusal was encountered around eight feet in tight compacted soils. Based on this, the contamination is expected to rapidly attenuate with depth.
- Building is located approximately 30 feet from the highest impacted soil.
- No preferential vapor pathways were encountered.
- No groundwater use within the vicinity of the property and groundwater is reported to be greater than 200 feet.
- No ecological risk is anticipated.

5.2 Risk Evaluation

Based on the findings and conclusions discussed above, no environmental conditions were encountered at the Property that would pose an adverse risk to site occupants or the environment.

5.3 Recommendations

Alpha does not recommend further assessment of the Property at this time.

Based on the information contained in this report, it is recommended that DEQ issue a No Further Action (NFA) determination for the Property.

5/12/25
DATE

JIM COOPER, R.G.
SENIOR GEOLOGIST
UST DECOMMISSIOING SUPERVISOR #27125

ALPHA ENVIRONMENTAL SERVICES, INC.
DEQ LICENSED SERVICE PROVIDER #17703

FIGURES:

SITE OVERVIEW MAP
SITE SAMPLING MAP

LEGEND

PROPERTY BOUNDARY

FIGURE 1: SITE OVERVIEW MAP

5005 NE FREMONT STREET
PORTLAND, OREGON 97123

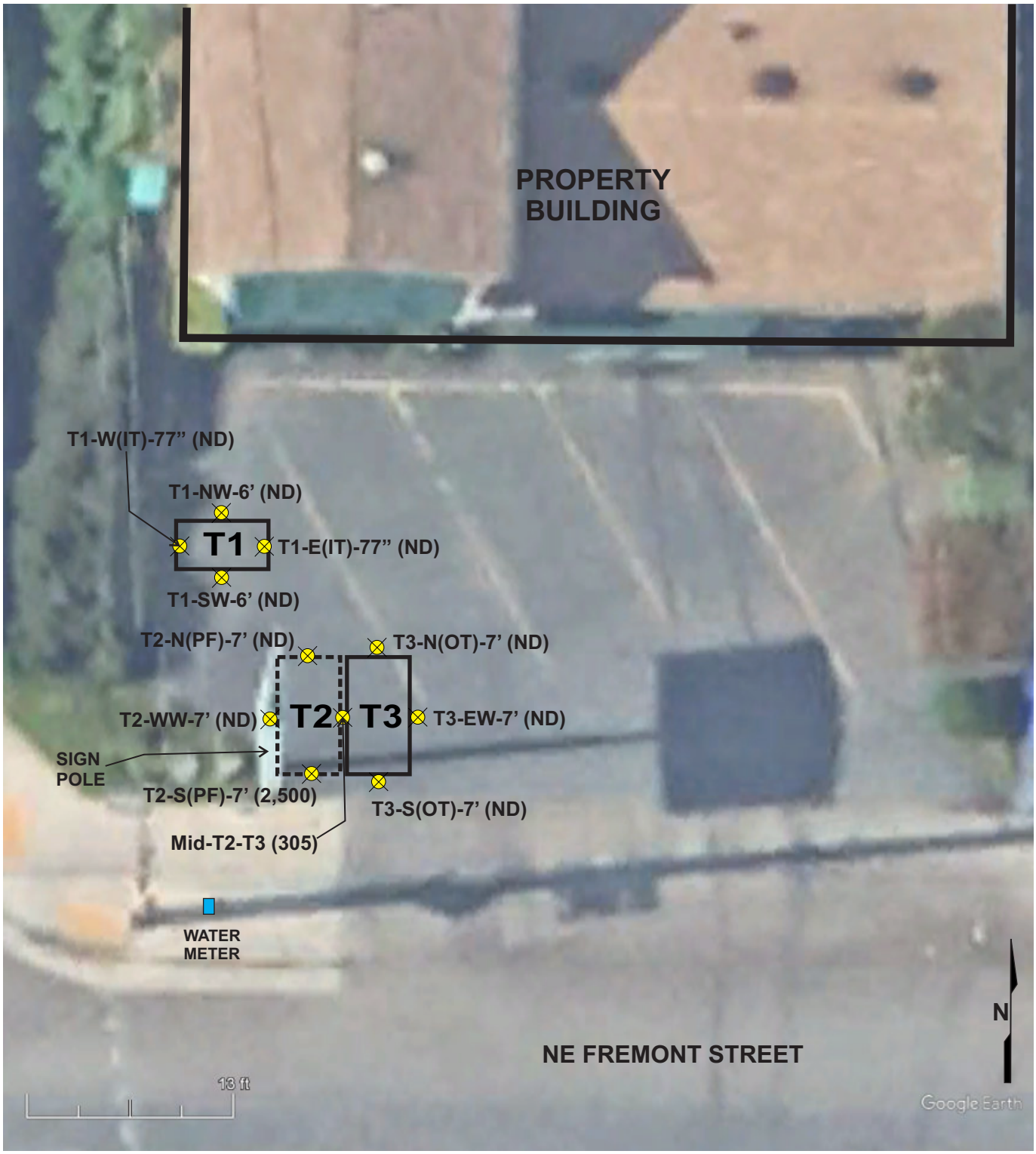
NOTES

MAP SYMBOLS DENOTE LOCATIONS AND MAY NOT BE TO SCALE

GOOGLE MAPS BASE IMAGE MAY BE SKEWED BY SATELLITE POSITION

PROJECT NO: 24-64132

Alpha environmental
11080 SW ALLEN BVLD, STE 100
BEAVERTON, OREGON 97005
(503) 292-5346



LEGEND

- T1 WASTE OIL TANK (FILLED IN PLACE - 2025)
- T2 GASOLINE UST (TANK REMOVED - 2025)
- T3 GASOLINE UST (FILLED IN PLACE PRIOR TO 1974 - EXEMPT)
- SITE ASSESSMENT SAMPLE LOCATION (DETECTIONS FOR T2 ARE SHOWN FOR GASOLINE IN PPM)

FIGURE 2: TANK DECOMMISSIONING MAP

5005 NE FREMONT STREET
PORTLAND, OREGON 97123

NOTES

MAP SYMBOLS DENOTE LOCATIONS AND MAY NOT BE TO SCALE

GOOGLE MAPS BASE IMAGE MAY BE SKEWED BY SATELLITE POSITION

PROJECT NO: 24-64132

Alpha environmental
11080 SW ALLEN BVLD, STE 100
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APPENDIX A:

ANALYTICAL LABORATORY REPORTS

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

ANALYTICAL REPORT

Thursday, January 16, 2025

Jim Cooper
Alpha Environmental
11080 SW Allen Blvd, Suite 100
Beaverton, OR 97005

RE: A5A0934 - Default- Env Dept. - 5005 NE Fremont St 24-64132

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 A5A0934, which was received by the laboratory on 1/7/2025 at 4:50:00PM.

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

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

Cooler Receipt Information		
Acceptable Receipt Temperature is less than, or equal to, 6 degC (not frozen), or received on ice the same day as sampling.		
(See Cooler Receipt Form for details)		
Default Cooler	1.4	degC

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

Apex Laboratories

Cameron O'Brien, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

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

ANALYTICAL REPORT

Alpha Environmental	Project: **Default- Env Dept.**	
11080 SW Allen Blvd, Suite 100	Project Number: **5005 NE Fremont St 24-641**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0934 - 01 16 25 1020**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
24-64132 T1-W(IT)-77''	A5A0934-01	Soil	01/07/25 10:00	01/07/25 16:50
24-64132 T1-E(IT)-77''	A5A0934-02	Soil	01/07/25 10:00	01/07/25 16:50
24-64132 T2-N(PF)-7'	A5A0934-03	Soil	01/07/25 14:30	01/07/25 16:50
24-64132 T2-S(PF)-7'	A5A0934-04	Soil	01/07/25 14:30	01/07/25 16:50

Apex Laboratories

Cameron O'Brien, Project Manager

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

Alpha Environmental	Project: **Default- Env Dept.**	
11080 SW Allen Blvd, Suite 100	Project Number: **5005 NE Fremont St 24-641**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0934 - 01 16 25 1020**

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
24-64132 T1-W(IT)-77" (A5A0934-01)				**Matrix: Soil**		**Batch: 25A0214**		
Gasoline Range Organics	ND	---	21.0	mg/kg dry	1	01/09/25 01:35	NWTPH-HCID	
Diesel Range Organics	ND	---	52.4	mg/kg dry	1	01/09/25 01:35	NWTPH-HCID	
Oil Range Organics	ND	---	105	mg/kg dry	1	01/09/25 01:35	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*79 %*	*Limits: 50-150 %*	*1*	*01/09/25 01:35*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*79 %*	*50-150 %*	*1*	*01/09/25 01:35*	*NWTPH-HCID*	
24-64132 T1-E(IT)-77" (A5A0934-02)				**Matrix: Soil**		**Batch: 25A0214**		
Gasoline Range Organics	ND	---	19.7	mg/kg dry	1	01/09/25 02:22	NWTPH-HCID	
Diesel Range Organics	ND	---	49.4	mg/kg dry	1	01/09/25 02:22	NWTPH-HCID	
Oil Range Organics	ND	---	98.7	mg/kg dry	1	01/09/25 02:22	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*84 %*	*Limits: 50-150 %*	*1*	*01/09/25 02:22*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*83 %*	*50-150 %*	*1*	*01/09/25 02:22*	*NWTPH-HCID*	
24-64132 T2-N(PF)-7' (A5A0934-03)				**Matrix: Soil**		**Batch: 25A0214**		
Gasoline Range Organics	ND	---	20.6	mg/kg dry	1	01/09/25 02:45	NWTPH-HCID	
Diesel Range Organics	ND	---	51.5	mg/kg dry	1	01/09/25 02:45	NWTPH-HCID	
Oil Range Organics	ND	---	103	mg/kg dry	1	01/09/25 02:45	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*81 %*	*Limits: 50-150 %*	*1*	*01/09/25 02:45*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*81 %*	*50-150 %*	*1*	*01/09/25 02:45*	*NWTPH-HCID*	
24-64132 T2-S(PF)-7' (A5A0934-04)				**Matrix: Soil**		**Batch: 25A0214**		
Gasoline Range Organics	**DET**	---	21.3	mg/kg dry	1	01/09/25 03:09	NWTPH-HCID	
Diesel Range Organics	**DET**	---	53.2	mg/kg dry	1	01/09/25 03:09	NWTPH-HCID	F-18x
Oil Range Organics	ND	---	106	mg/kg dry	1	01/09/25 03:09	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*88 %*	*Limits: 50-150 %*	*1*	*01/09/25 03:09*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*97 %*	*50-150 %*	*1*	*01/09/25 03:09*	*NWTPH-HCID*	

Apex Laboratories

Cameron O'Brien, Project Manager

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

ANALYTICAL REPORT

Alpha Environmental	Project: **Default- Env Dept.**	
11080 SW Allen Blvd, Suite 100	Project Number: **5005 NE Fremont St 24-641**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0934 - 01 16 25 1020**

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
24-64132 T2-S(PF)-7' (A5A0934-04RE1)				**Matrix: Soil**		**Batch: 25A0369**		
Gasoline Range Organics	**2500**	---	119	mg/kg dry	1000	01/13/25 18:12	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery:*	*97 %*	*Limits: 50-150 %*	*1*	*01/13/25 18:12*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*94 %*	*50-150 %*	*1*	*01/13/25 18:12*	*NWTPH-Gx (MS)*	

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ORELAP ID: OR100062

ANALYTICAL REPORT

Alpha Environmental	Project: **Default- Env Dept.**	
11080 SW Allen Blvd, Suite 100	Project Number: **5005 NE Fremont St 24-641**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0934 - 01 16 25 1020**

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
24-64132 T2-S(PF)-7' (A5A0934-04)				**Matrix: Soil**		**Batch: 25A0369**		
Benzene	**2.50**	---	0.0238	mg/kg dry	100	01/13/25 12:44	5035A/8260D	
Ethylbenzene	**14.0**	---	0.0595	mg/kg dry	100	01/13/25 12:44	5035A/8260D	
Methyl tert-butyl ether (MTBE)	ND	---	0.119	mg/kg dry	100	01/13/25 12:44	5035A/8260D	
Naphthalene	**6.83**	---	0.238	mg/kg dry	100	01/13/25 12:44	5035A/8260D	
1,2-Dibromoethane (EDB)	ND	---	0.119	mg/kg dry	100	01/13/25 12:44	5035A/8260D	
1,2-Dichloroethane (EDC)	**0.182**	---	0.0595	mg/kg dry	100	01/13/25 12:44	5035A/8260D	
Isopropylbenzene	**1.87**	---	0.119	mg/kg dry	100	01/13/25 12:44	5035A/8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*103 %*	*Limits: 80-120 %*	*1*	*01/13/25 12:44*	*5035A/8260D*	
Toluene-d8 (Surr)			*98 %*	*80-120 %*	*1*	*01/13/25 12:44*	*5035A/8260D*	
4-Bromofluorobenzene (Surr)			*101 %*	*79-120 %*	*1*	*01/13/25 12:44*	*5035A/8260D*	
24-64132 T2-S(PF)-7' (A5A0934-04RE1)				**Matrix: Soil**		**Batch: 25A0369**		
Toluene	**27.6**	---	1.19	mg/kg dry	1000	01/13/25 18:12	5035A/8260D	
Xylenes, total	**119**	---	1.78	mg/kg dry	1000	01/13/25 18:12	5035A/8260D	
1,2,4-Trimethylbenzene	**108**	---	1.19	mg/kg dry	1000	01/13/25 18:12	5035A/8260D	
1,3,5-Trimethylbenzene	**37.3**	---	1.19	mg/kg dry	1000	01/13/25 18:12	5035A/8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*01/13/25 18:12*	*5035A/8260D*	
Toluene-d8 (Surr)			*98 %*	*80-120 %*	*1*	*01/13/25 18:12*	*5035A/8260D*	
4-Bromofluorobenzene (Surr)			*100 %*	*79-120 %*	*1*	*01/13/25 18:12*	*5035A/8260D*	

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ANALYTICAL REPORT

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Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0934 - 01 16 25 1020**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
24-64132 T2-S(PF)-7' (A5A0934-04)				**Matrix: Soil**				
Batch: 25A0462								
Lead	**39.9**	---	0.249	mg/kg dry	10	01/15/25 11:54	EPA 6020B	**B**

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ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
24-64132 T1-W(IT)-77" (A5A0934-01)				**Matrix: Soil**		**Batch: 25A0207**		
% Solids	**93.3**	---	1.00	%	1	01/09/25 05:39	EPA 8000D	
24-64132 T1-E(IT)-77" (A5A0934-02)				**Matrix: Soil**		**Batch: 25A0207**		
% Solids	**93.5**	---	1.00	%	1	01/09/25 05:39	EPA 8000D	
24-64132 T2-N(PF)-7' (A5A0934-03)				**Matrix: Soil**		**Batch: 25A0207**		
% Solids	**90.1**	---	1.00	%	1	01/09/25 05:39	EPA 8000D	
24-64132 T2-S(PF)-7' (A5A0934-04)				**Matrix: Soil**		**Batch: 25A0207**		
% Solids	**88.9**	---	1.00	%	1	01/09/25 05:39	EPA 8000D	

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QUALITY CONTROL (QC) SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25A0214 - EPA 3546 (Fuels)							Soil					
Blank (25A0214-BLK1)		Prepared: 01/08/25 10:57		Analyzed: 01/09/25 01:12								
NWTPH-HCID												
Gasoline Range Organics	ND	---	20.0	mg/kg wet	1	---	---	---	---	---	---	
Diesel Range Organics	ND	---	50.0	mg/kg wet	1	---	---	---	---	---	---	
Oil Range Organics	ND	---	100	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery:*	*85 %*	*Limits:*	*50-150 %*		*Dilution:*	*1x*				
4-Bromofluorobenzene (Surr)			*80 %*		*50-150 %*			*"*				
Duplicate (25A0214-DUP1)		Prepared: 01/08/25 10:57		Analyzed: 01/09/25 01:58								
QC Source Sample: 24-64132 T1-W(IT)-77" (A5A0934-01)												
NWTPH-HCID												
Gasoline Range Organics	ND	---	21.3	mg/kg dry	1	---	ND	---	---	---	30%	
Diesel Range Organics	ND	---	53.1	mg/kg dry	1	---	ND	---	---	---	30%	
Oil Range Organics	ND	---	106	mg/kg dry	1	---	ND	---	---	---	30%	
Surr: o-Terphenyl (Surr)		*Recovery:*	*81 %*	*Limits:*	*50-150 %*		*Dilution:*	*1x*				
4-Bromofluorobenzene (Surr)			*81 %*		*50-150 %*			*"*				

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ANALYTICAL REPORT

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Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0934 - 01 16 25 1020**

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 25A0369 - EPA 5035A									Soil			
Blank (25A0369-BLK1)		Prepared: 01/13/25 09:00		Analyzed: 01/13/25 11:22								
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	5.00	mg/kg wet	50	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 98 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)			*99 %*		*50-150 %*		*"*					
LCS (25A0369-BS2)		Prepared: 01/13/25 09:00		Analyzed: 01/13/25 10:55								
NWTPH-Gx (MS)												
Gasoline Range Organics	25.5	---	5.00	mg/kg wet	50	25.0	---	102	80 - 120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 101 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)			*99 %*		*50-150 %*		*"*					
Duplicate (25A0369-DUP1)		Prepared: 01/07/25 14:30		Analyzed: 01/13/25 13:12								
QC Source Sample: 24-64132 T2-S(PF)-7' (A5A0934-04)												
NWTPH-Gx (MS)												
Gasoline Range Organics	**1830**	---	11.9	mg/kg dry	100	---	2020	---	---	10	30%	E
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 97 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)			*93 %*		*50-150 %*		*"*					

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Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0934 - 01 16 25 1020**

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 25A0369 - EPA 5035A							**Soil**					
Blank (25A0369-BLK1)		Prepared: 01/13/25 09:00 Analyzed: 01/13/25 11:22										
5035A/8260D												
Benzene	ND	---	0.0100	mg/kg wet	50	---	---	---	---	---	---	
Toluene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
Xylenes, total	ND	---	0.0750	mg/kg wet	50	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
Naphthalene	ND	---	0.100	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
Isopropylbenzene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*103 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*99 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*100 %*		*79-120 %*			*"*				
LCS (25A0369-BS1)		Prepared: 01/13/25 09:00 Analyzed: 01/13/25 10:28										
5035A/8260D												
Benzene	0.991	---	0.0100	mg/kg wet	50	1.00	---	99	80 - 120%	---	---	
Toluene	0.950	---	0.0500	mg/kg wet	50	1.00	---	95	80 - 120%	---	---	
Ethylbenzene	1.00	---	0.0250	mg/kg wet	50	1.00	---	100	80 - 120%	---	---	
Xylenes, total	3.07	---	0.0750	mg/kg wet	50	3.00	---	102	80 - 120%	---	---	
Methyl tert-butyl ether (MTBE)	1.02	---	0.0500	mg/kg wet	50	1.00	---	102	80 - 120%	---	---	
Naphthalene	1.01	---	0.100	mg/kg wet	50	1.00	---	101	80 - 120%	---	---	
1,2-Dibromoethane (EDB)	1.05	---	0.0500	mg/kg wet	50	1.00	---	105	80 - 120%	---	---	
1,2-Dichloroethane (EDC)	0.982	---	0.0250	mg/kg wet	50	1.00	---	98	80 - 120%	---	---	
Isopropylbenzene	1.05	---	0.0500	mg/kg wet	50	1.00	---	105	80 - 120%	---	---	
1,2,4-Trimethylbenzene	1.07	---	0.0500	mg/kg wet	50	1.00	---	107	80 - 120%	---	---	
1,3,5-Trimethylbenzene	1.07	---	0.0500	mg/kg wet	50	1.00	---	107	80 - 120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*102 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*100 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*99 %*		*79-120 %*			*"*				
Duplicate (25A0369-DUP1)		Prepared: 01/07/25 14:30 Analyzed: 01/13/25 13:12										

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11080 SW Allen Blvd, Suite 100	Project Number: **5005 NE Fremont St 24-641**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0934 - 01 16 25 1020**

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 25A0369 - EPA 5035A							**Soil**					
Duplicate (25A0369-DUP1)		Prepared: 01/07/25 14:30 Analyzed: 01/13/25 13:12										
QC Source Sample: 24-64132 T2-S(PF)-7' (A5A0934-04)												
5035A/8260D												
Benzene	**2.35**	---	0.0238	mg/kg dry	100	---	2.50	---	---	6	30%	
Toluene	**25.8**	---	0.119	mg/kg dry	100	---	27.6	---	---	7	30%	E
Ethylbenzene	**13.0**	---	0.0595	mg/kg dry	100	---	14.0	---	---	7	30%	
Xylenes, total	**108**	---	0.178	mg/kg dry	100	---	119	---	---	9	30%	E
Methyl tert-butyl ether (MTBE)	ND	---	0.119	mg/kg dry	100	---	ND	---	---	---	30%	
Naphthalene	**6.43**	---	0.238	mg/kg dry	100	---	6.83	---	---	6	30%	
1,2-Dibromoethane (EDB)	ND	---	0.119	mg/kg dry	100	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	**0.159**	---	0.0595	mg/kg dry	100	---	0.182	---	---	13	30%	
Isopropylbenzene	**1.77**	---	0.119	mg/kg dry	100	---	1.87	---	---	5	30%	
1,2,4-Trimethylbenzene	**91.0**	---	0.119	mg/kg dry	100	---	101	---	---	10	30%	
1,3,5-Trimethylbenzene	**37.3**	---	0.119	mg/kg dry	100	---	39.0	---	---	4	30%	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*106 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*97 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*102 %*		*79-120 %*			*"*				

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Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0934 - 01 16 25 1020**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25A0462 - EPA 3051A							**Soil**					
Blank (25A0462-BLK1)		Prepared: 01/15/25 07:25		Analyzed: 01/15/25 11:44								
EPA 6020B												
Lead	**0.242**	---	0.200	mg/kg wet	10	---	---	---	---	---	---	B
LCS (25A0462-BS1)		Prepared: 01/15/25 07:25		Analyzed: 01/15/25 11:49								
EPA 6020B												
Lead	54.0	---	0.200	mg/kg wet	10	50.0	---	108	80 - 120%	---	---	B
Duplicate (25A0462-DUP1)		Prepared: 01/15/25 07:25		Analyzed: 01/15/25 12:00								
QC Source Sample: 24-64132 T2-S(PF)-7' (A5A0934-04)												
EPA 6020B												
Lead	**35.5**	---	0.232	mg/kg dry	10	---	39.9	---	---	12	20%	B
Matrix Spike (25A0462-MS1)		Prepared: 01/15/25 07:25		Analyzed: 01/15/25 12:05								
QC Source Sample: 24-64132 T2-S(PF)-7' (A5A0934-04)												
EPA 6020B												
Lead	108	---	0.234	mg/kg dry	10	58.4	39.9	117	75 - 125%	---	---	B

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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 25A0207 - 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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SAMPLE PREPARATION INFORMATION

Hydrocarbon Identification Screen by NWTPH-HCID

Prep: EPA 3546 (Fuels)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25A0214							
A5A0934-01	Soil	NWTPH-HCID	01/07/25 10:00	01/08/25 10:57	10.22g/10mL	10g/10mL	0.98
A5A0934-02	Soil	NWTPH-HCID	01/07/25 10:00	01/08/25 10:57	10.84g/10mL	10g/10mL	0.92
A5A0934-03	Soil	NWTPH-HCID	01/07/25 14:30	01/08/25 10:57	10.78g/10mL	10g/10mL	0.93
A5A0934-04	Soil	NWTPH-HCID	01/07/25 14:30	01/08/25 10:57	10.57g/10mL	10g/10mL	0.95

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

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25A0369							
A5A0934-04RE1	Soil	NWTPH-Gx (MS)	01/07/25 14:30	01/07/25 14:30	5.28g/5mL	5g/5mL	0.95

Selected Volatile Organic Compounds by EPA 5035A/8260D

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25A0369							
A5A0934-04	Soil	5035A/8260D	01/07/25 14:30	01/07/25 14:30	5.28g/5mL	5g/5mL	0.95
A5A0934-04RE1	Soil	5035A/8260D	01/07/25 14:30	01/07/25 14:30	5.28g/5mL	5g/5mL	0.95

Total Metals by EPA 6020B (ICPMS)

Prep: EPA 3051A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25A0462							
A5A0934-04	Soil	EPA 6020B	01/07/25 14:30	01/15/25 07:25	0.451g/50mL	0.5g/50mL	1.11

Percent Dry Weight

Prep: Dry Weight Prep (EPA 8000D)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25A0207							
A5A0934-01	Soil	EPA 8000D	01/07/25 10:00	01/08/25 10:00	1g	1g	1.00
A5A0934-02	Soil	EPA 8000D	01/07/25 10:00	01/08/25 10:00	1g	1g	1.00
A5A0934-03	Soil	EPA 8000D	01/07/25 14:30	01/08/25 10:00	1g	1g	1.00
A5A0934-04	Soil	EPA 8000D	01/07/25 14:30	01/08/25 10:00	1g	1g	1.00

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Cameron O'Brien, Project Manager

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

ANALYTICAL REPORT

Alpha Environmental	Project: **Default- Env Dept.**	
11080 SW Allen Blvd, Suite 100	Project Number: **5005 NE Fremont St 24-641**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0934 - 01 16 25 1020**

SAMPLE PREPARATION INFORMATION

Percent Dry Weight

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ANALYTICAL REPORT

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11080 SW Allen Blvd, Suite 100	Project Number: **5005 NE Fremont St 24-641**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0934 - 01 16 25 1020**

QUALIFIER DEFINITIONS

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

Apex Laboratories

B	Analyte detected in an associated blank at a level above the MRL. (See Notes and Conventions below.)
E	Estimated Value. The result is above the calibration range of the instrument.
F-18x	Result for Diesel (Diesel Range Organics, C12-C24) is due to overlap from Gasoline or a Gasoline Range product.

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Cameron O'Brien, Project Manager

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ANALYTICAL REPORT

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11080 SW Allen Blvd, Suite 100	Project Number: **5005 NE Fremont St 24-641**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0934 - 01 16 25 1020**

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

Cameron O'Brien, Project Manager

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503-718-2323
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Alpha Environmental	Project: **Default- Env Dept.**	
11080 SW Allen Blvd, Suite 100	Project Number: **5005 NE Fremont St 24-641**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0934 - 01 16 25 1020**

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

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

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

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

Soil and Sediment Samples:

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

Sampling and Preservation Notes:

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

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

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

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

Apex Laboratories

Cameron O'Brien, Project Manager

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Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0934 - 01 16 25 1020**

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 corretion 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

Cameron O'Brien, Project Manager

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ANALYTICAL REPORT

Alpha Environmental	Project: **Default- Env Dept.**	
11080 SW Allen Blvd, Suite 100	Project Number: **5005 NE Fremont St 24-641**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0934 - 01 16 25 1020**

LABORATORY ACCREDITATION INFORMATION

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

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

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation

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

Secondary Accreditations

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

Subcontract Laboratory Accreditations

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

Field Testing Parameters

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

Apex Laboratories

Cameron O'Brien, Project Manager

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

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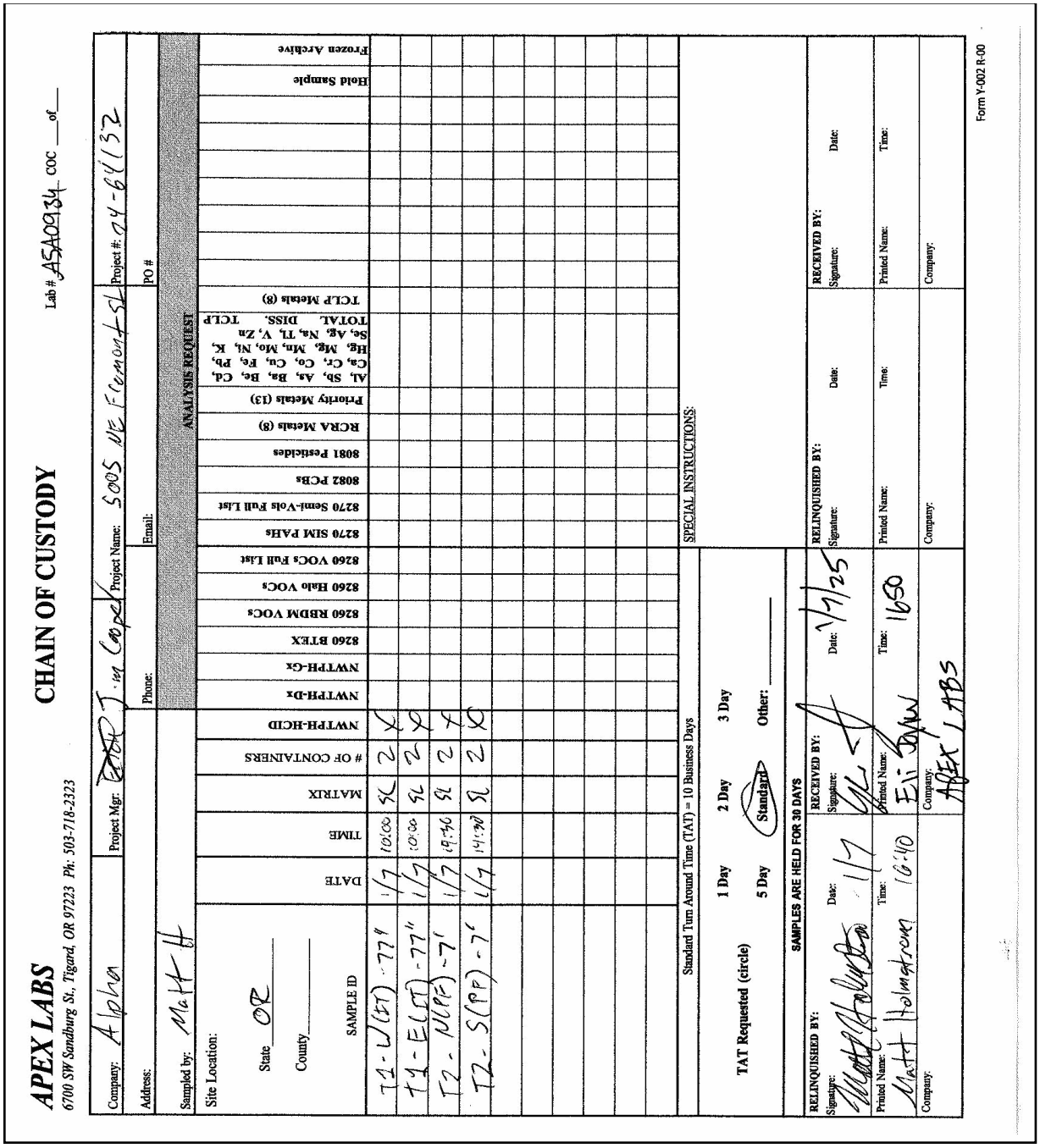
11080 SW Allen Blvd, Suite 100	Project Number: **5005 NE Fremont St 24-641**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0934 - 01 16 25 1020**



CHAIN OF CUSTODY

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

Lab # A5A0934 COC ___ of ___

Company: Alpha | Project Mgr: Matt H | Project Name: 5005 NE Fremont St | Project #: 24-641132

Address: | Phone: | Email: | PO #

Sampled by: Matt H

Site Location: State OR County

SAMPLE ID	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pesticides	RCRA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS. TCLP	TCLP Metals (8)	Hold Sample	Frozen Archive
T1-W(ET)-7''	1/7	10:00	SL	2	X																
T1-E(ET)-7''	1/7	10:00	SL	2	X																
T2-N(PF)-7'	1/7	09:46	SL	2	X																
T2-S(PF)-7'	1/7	14:30	SL	2	X																

SPECIAL INSTRUCTIONS:

Standard Turn Around Time (TAT) = 10 Business Days

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

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Signature:	Signature:	Signature:	Signature:
Date: 1/17	Date: 1/17/25	Date:	Date:
Time: 16:40	Time: 1650	Time:	Time:
Printed Name: Matt Holmstrom	Printed Name: Eli Bonn	Printed Name:	Printed Name:
Company:	Company: APEX LABS	Company:	Company:

Form Y-002 R-00

Apex Laboratories

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Cameron O'Brien, Project Manager

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

Alpha Environmental	Project: **Default- Env Dept.**	
11080 SW Allen Blvd, Suite 100	Project Number: **5005 NE Fremont St 24-641**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0934 - 01 16 25 1020**

APEX LABS COOLER RECEIPT FORM

Client: Alpha Element WO#: A5A0934

Project/Project #: 5005 NE Fremont st. 24- 64137

Delivery Info:

Date/time received: 1/7/25 @ 1650 By: EST

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

From USDA Regulated Origin? Yes ____ No X

Cooler Inspection Date/time inspected: 1/7/25 @ 1714 By: EST

Chain of Custody included? Yes X No ____

Signed/dated by client? Yes C No ____

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

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

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

Green dots applied to out of temperature samples? Yes No

Out of temperature samples form initiated? Yes No

Sample Inspection: Date/time inspected: 1/7/25 @ 1727 By: ZA

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: ZA Witness: WN Cooler Inspected by: EST

Form Y-003 R-02

Apex Laboratories

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Cameron O'Brien, Project Manager

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

ANALYTICAL REPORT

Thursday, January 16, 2025

Jim Cooper
Alpha Environmental
11080 SW Allen Blvd, Suite 100
Beaverton, OR 97005

RE: A5A0977 - Default- Env Dept. - 5005 NE Fremont St. 24-64132

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 A5A0977, which was received by the laboratory on 1/8/2025 at 2:55:00PM.

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		
Acceptable Receipt Temperature is less than, or equal to, 6 degC (not frozen), or received on ice the same day as sampling.		
(See Cooler Receipt Form for details)		
Default Cooler	1.4	degC

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

Apex Laboratories

Cameron O'Brien, Project Manager

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ANALYTICAL REPORT

Alpha Environmental	Project: **Default- Env Dept.**	
11080 SW Allen Blvd, Suite 100	Project Number: **5005 NE Fremont St. 24-641**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0977 - 01 16 25 1215**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
24-64132 Mid-T2-T3	A5A0977-01	Soil	01/08/25 10:00	01/08/25 14:55
24-64132 T2-WW-7'	A5A0977-02	Soil	01/08/25 10:00	01/08/25 14:55
24-64132 T3-EW-7'	A5A0977-03	Soil	01/08/25 10:00	01/08/25 14:55
24-64132 T1-NW-6'	A5A0977-04	Soil	01/08/25 10:00	01/08/25 14:55
24-64132 T1-SW-6'	A5A0977-05	Soil	01/08/25 10:00	01/08/25 14:55
24-64132 T3-N(OT)-7'	A5A0977-06	Soil	01/08/25 10:00	01/08/25 14:55
24-64132 T3-S(OT)-7'	A5A0977-07	Soil	01/08/25 10:00	01/08/25 14:55

Apex Laboratories

Cameron O'Brien, Project Manager

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ANALYTICAL REPORT

Alpha Environmental	Project: **Default- Env Dept.**	
11080 SW Allen Blvd, Suite 100	Project Number: **5005 NE Fremont St. 24-641**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0977 - 01 16 25 1215**

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
24-64132 Mid-T2-T3 (A5A0977-01)				**Matrix: Soil**		**Batch: 25A0261**		
Gasoline Range Organics	**DET**	---	21.2	mg/kg dry	1	01/09/25 23:38	NWTPH-HCID	
Diesel Range Organics	ND	---	52.9	mg/kg dry	1	01/09/25 23:38	NWTPH-HCID	
Oil Range Organics	ND	---	106	mg/kg dry	1	01/09/25 23:38	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*93 %*	*Limits: 50-150 %*	*1*	*01/09/25 23:38*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*93 %*	*50-150 %*	*1*	*01/09/25 23:38*	*NWTPH-HCID*	
24-64132 T2-WW-7' (A5A0977-02)				**Matrix: Soil**		**Batch: 25A0261**		
Gasoline Range Organics	ND	---	20.0	mg/kg dry	1	01/09/25 21:18	NWTPH-HCID	
Diesel Range Organics	ND	---	50.0	mg/kg dry	1	01/09/25 21:18	NWTPH-HCID	
Oil Range Organics	ND	---	99.9	mg/kg dry	1	01/09/25 21:18	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*90 %*	*Limits: 50-150 %*	*1*	*01/09/25 21:18*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*89 %*	*50-150 %*	*1*	*01/09/25 21:18*	*NWTPH-HCID*	
24-64132 T3-EW-7' (A5A0977-03)				**Matrix: Soil**		**Batch: 25A0261**		
Gasoline Range Organics	ND	---	20.7	mg/kg dry	1	01/09/25 21:41	NWTPH-HCID	
Diesel Range Organics	ND	---	51.8	mg/kg dry	1	01/09/25 21:41	NWTPH-HCID	
Oil Range Organics	ND	---	104	mg/kg dry	1	01/09/25 21:41	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*97 %*	*Limits: 50-150 %*	*1*	*01/09/25 21:41*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*95 %*	*50-150 %*	*1*	*01/09/25 21:41*	*NWTPH-HCID*	
24-64132 T1-NW-6' (A5A0977-04)				**Matrix: Soil**		**Batch: 25A0261**		
Gasoline Range Organics	ND	---	21.0	mg/kg dry	1	01/09/25 22:05	NWTPH-HCID	
Diesel Range Organics	ND	---	52.4	mg/kg dry	1	01/09/25 22:05	NWTPH-HCID	
Oil Range Organics	ND	---	105	mg/kg dry	1	01/09/25 22:05	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*89 %*	*Limits: 50-150 %*	*1*	*01/09/25 22:05*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*87 %*	*50-150 %*	*1*	*01/09/25 22:05*	*NWTPH-HCID*	
24-64132 T1-SW-6' (A5A0977-05)				**Matrix: Soil**		**Batch: 25A0261**		
Gasoline Range Organics	ND	---	20.9	mg/kg dry	1	01/09/25 22:28	NWTPH-HCID	
Diesel Range Organics	ND	---	52.4	mg/kg dry	1	01/09/25 22:28	NWTPH-HCID	
Oil Range Organics	ND	---	105	mg/kg dry	1	01/09/25 22:28	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*90 %*	*Limits: 50-150 %*	*1*	*01/09/25 22:28*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*89 %*	*50-150 %*	*1*	*01/09/25 22:28*	*NWTPH-HCID*	
24-64132 T3-N(OT)-7' (A5A0977-06)				**Matrix: Soil**		**Batch: 25A0261**		

Apex Laboratories

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Cameron O'Brien, Project Manager

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

ANALYTICAL REPORT

Alpha Environmental	Project: **Default- Env Dept.**	
11080 SW Allen Blvd, Suite 100	Project Number: **5005 NE Fremont St. 24-641**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0977 - 01 16 25 1215**

ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
24-64132 T3-N(OT)-7' (A5A0977-06)				**Matrix: Soil**		**Batch: 25A0261**		
Gasoline Range Organics	ND	---	20.2	mg/kg dry	1	01/09/25 22:52	NWTPH-HCID	
Diesel Range Organics	ND	---	50.6	mg/kg dry	1	01/09/25 22:52	NWTPH-HCID	
Oil Range Organics	ND	---	101	mg/kg dry	1	01/09/25 22:52	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*90 %*	*Limits: 50-150 %*	*1*	*01/09/25 22:52*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*87 %*	*50-150 %*	*1*	*01/09/25 22:52*	*NWTPH-HCID*	
24-64132 T3-S(OT)-7' (A5A0977-07)				**Matrix: Soil**		**Batch: 25A0261**		
Gasoline Range Organics	ND	---	21.7	mg/kg dry	1	01/09/25 23:15	NWTPH-HCID	
Diesel Range Organics	ND	---	54.2	mg/kg dry	1	01/09/25 23:15	NWTPH-HCID	
Oil Range Organics	ND	---	108	mg/kg dry	1	01/09/25 23:15	NWTPH-HCID	
Surrogate: o-Terphenyl (Surr)		*Recovery:*	*93 %*	*Limits: 50-150 %*	*1*	*01/09/25 23:15*	*NWTPH-HCID*	
4-Bromofluorobenzene (Surr)			*89 %*	*50-150 %*	*1*	*01/09/25 23:15*	*NWTPH-HCID*	

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Cameron O'Brien, Project Manager

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

ANALYTICAL REPORT

Alpha Environmental	Project: **Default- Env Dept.**	
11080 SW Allen Blvd, Suite 100	Project Number: **5005 NE Fremont St. 24-641**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0977 - 01 16 25 1215**

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
24-64132 Mid-T2-T3 (A5A0977-01)				**Matrix: Soil**		**Batch: 25A0421**		
Gasoline Range Organics	**305**	---	5.55	mg/kg dry	50	01/14/25 14:55	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 103 %*		*Limits: 50-150 %*	*1*	*01/14/25 14:55*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*99 %*	*50-150 %*	*1*	*01/14/25 14:55*	*NWTPH-Gx (MS)*	

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Cameron O'Brien, Project Manager

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11080 SW Allen Blvd, Suite 100	Project Number: **5005 NE Fremont St. 24-641**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0977 - 01 16 25 1215**

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
24-64132 Mid-T2-T3 (A5A0977-01)				**Matrix: Soil**		**Batch: 25A0260**		
% Solids	**89.6**	---	1.00	%	1	01/10/25 05:22	EPA 8000D	
24-64132 T2-WW-7' (A5A0977-02)				**Matrix: Soil**		**Batch: 25A0260**		
% Solids	**93.6**	---	1.00	%	1	01/10/25 05:22	EPA 8000D	
24-64132 T3-EW-7' (A5A0977-03)				**Matrix: Soil**		**Batch: 25A0260**		
% Solids	**91.0**	---	1.00	%	1	01/10/25 05:22	EPA 8000D	
24-64132 T1-NW-6' (A5A0977-04)				**Matrix: Soil**		**Batch: 25A0260**		
% Solids	**91.7**	---	1.00	%	1	01/10/25 05:22	EPA 8000D	
24-64132 T1-SW-6' (A5A0977-05)				**Matrix: Soil**		**Batch: 25A0260**		
% Solids	**92.7**	---	1.00	%	1	01/10/25 05:22	EPA 8000D	
24-64132 T3-N(OT)-7' (A5A0977-06)				**Matrix: Soil**		**Batch: 25A0260**		
% Solids	**91.5**	---	1.00	%	1	01/10/25 05:22	EPA 8000D	
24-64132 T3-S(OT)-7' (A5A0977-07)				**Matrix: Soil**		**Batch: 25A0260**		
% Solids	**91.4**	---	1.00	%	1	01/10/25 05:22	EPA 8000D	

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ANALYTICAL REPORT

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11080 SW Allen Blvd, Suite 100	Project Number: **5005 NE Fremont St. 24-641**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0977 - 01 16 25 1215**

QUALITY CONTROL (QC) SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25A0261 - EPA 3546 (Fuels)							**Soil**					
Blank (25A0261-BLK1)		Prepared: 01/09/25 10:37 Analyzed: 01/09/25 20:54										
NWTPH-HCID												
Gasoline Range Organics	ND	---	20.0	mg/kg wet	1	---	---	---	---	---	---	
Diesel Range Organics	ND	---	50.0	mg/kg wet	1	---	---	---	---	---	---	
Oil Range Organics	ND	---	100	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery:*	*90 %*	*Limits:*	*50-150 %*		*Dilution:*	*1x*				
4-Bromofluorobenzene (Surr)			*89 %*		*50-150 %*			*"*				

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

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Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0977 - 01 16 25 1215**

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 25A0421 - EPA 5035A								Soil				
Blank (25A0421-BLK1)		Prepared: 01/14/25 09:00		Analyzed: 01/14/25 11:16								
NWTPH-Gx (MS)												
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)		*100 %*		*50-150 %*			*"*					
LCS (25A0421-BS2)		Prepared: 01/14/25 09:00		Analyzed: 01/14/25 10:49								
NWTPH-Gx (MS)												
Gasoline Range Organics	26.1	---	5.00	mg/kg wet	50	25.0	---	105	80 - 120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 97 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*99 %*		*50-150 %*			*"*					

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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Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0977 - 01 16 25 1215**

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 25A0260 - Dry Weight Prep (EPA 8000D)												**Soil**
Duplicate (25A0260-DUP1)		Prepared: 01/09/25 10:29		Analyzed: 01/10/25 05:22								
QC Source Sample: 24-64132 Mid-T2-T3 (A5A0977-01)												
EPA 8000D												
% Solids	**92.7**	---	1.00	%	1	---	89.6	---	---	3	10%	
Duplicate (25A0260-DUP2)		Prepared: 01/09/25 10:29		Analyzed: 01/10/25 05:22								
QC Source Sample: 24-64132 T2-WW-7' (A5A0977-02)												
EPA 8000D												
% Solids	**93.0**	---	1.00	%	1	---	93.6	---	---	0.7	10%	
Duplicate (25A0260-DUP3)		Prepared: 01/09/25 10:29		Analyzed: 01/10/25 05:22								
QC Source Sample: 24-64132 T3-EW-7' (A5A0977-03)												
EPA 8000D												
% Solids	**91.1**	---	1.00	%	1	---	91.0	---	---	0.1	10%	

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ANALYTICAL REPORT

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11080 SW Allen Blvd, Suite 100	Project Number: **5005 NE Fremont St. 24-641**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0977 - 01 16 25 1215**

SAMPLE PREPARATION INFORMATION

Hydrocarbon Identification Screen by NWTPH-HCID

Prep: EPA 3546 (Fuels)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25A0261							
A5A0977-01	Soil	NWTPH-HCID	01/08/25 10:00	01/09/25 10:37	10.55g/10mL	10g/10mL	0.95
A5A0977-02	Soil	NWTPH-HCID	01/08/25 10:00	01/09/25 10:37	10.69g/10mL	10g/10mL	0.94
A5A0977-03	Soil	NWTPH-HCID	01/08/25 10:00	01/09/25 10:37	10.6g/10mL	10g/10mL	0.94
A5A0977-04	Soil	NWTPH-HCID	01/08/25 10:00	01/09/25 10:37	10.4g/10mL	10g/10mL	0.96
A5A0977-05	Soil	NWTPH-HCID	01/08/25 10:00	01/09/25 10:37	10.3g/10mL	10g/10mL	0.97
A5A0977-06	Soil	NWTPH-HCID	01/08/25 10:00	01/09/25 10:37	10.8g/10mL	10g/10mL	0.93
A5A0977-07	Soil	NWTPH-HCID	01/08/25 10:00	01/09/25 10:37	10.09g/10mL	10g/10mL	0.99

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

Prep: EPA 5035A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25A0421							
A5A0977-01	Soil	NWTPH-Gx (MS)	01/08/25 10:00	01/08/25 10:00	5.61g/5mL	5g/5mL	0.89

Percent Dry Weight

Prep: Dry Weight Prep (EPA 8000D)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25A0260							
A5A0977-01	Soil	EPA 8000D	01/08/25 10:00	01/09/25 10:29	1g	1g	1.00
A5A0977-02	Soil	EPA 8000D	01/08/25 10:00	01/09/25 10:29	1g	1g	1.00
A5A0977-03	Soil	EPA 8000D	01/08/25 10:00	01/09/25 10:29	1g	1g	1.00
A5A0977-04	Soil	EPA 8000D	01/08/25 10:00	01/09/25 10:29	1g	1g	1.00
A5A0977-05	Soil	EPA 8000D	01/08/25 10:00	01/09/25 10:29	1g	1g	1.00
A5A0977-06	Soil	EPA 8000D	01/08/25 10:00	01/09/25 10:29	1g	1g	1.00
A5A0977-07	Soil	EPA 8000D	01/08/25 10:00	01/09/25 10:29	1g	1g	1.00

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Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0977 - 01 16 25 1215**

QUALIFIER DEFINITIONS

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

There are No Qualifiers on Sample or QC Data for this report

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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.

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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.

Benzofluoranthene Isomer Reporting:

Due to coelutions present on the analytical column, the results reported for Benzo(b+j)fluoranthene(s) represent the concentraton of both the Benzo(b)fluoranthene and Benzo(j)fluoranthene isomers. Calibration, validation and accreditation are based on the Benzo(b)fluoranthene isomer.

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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 corretion 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

Cameron O'Brien, Project Manager

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Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0977 - 01 16 25 1215**

LABORATORY ACCREDITATION INFORMATION

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

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

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation

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

Secondary Accreditations

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

Subcontract Laboratory Accreditations

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

Field Testing Parameters

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

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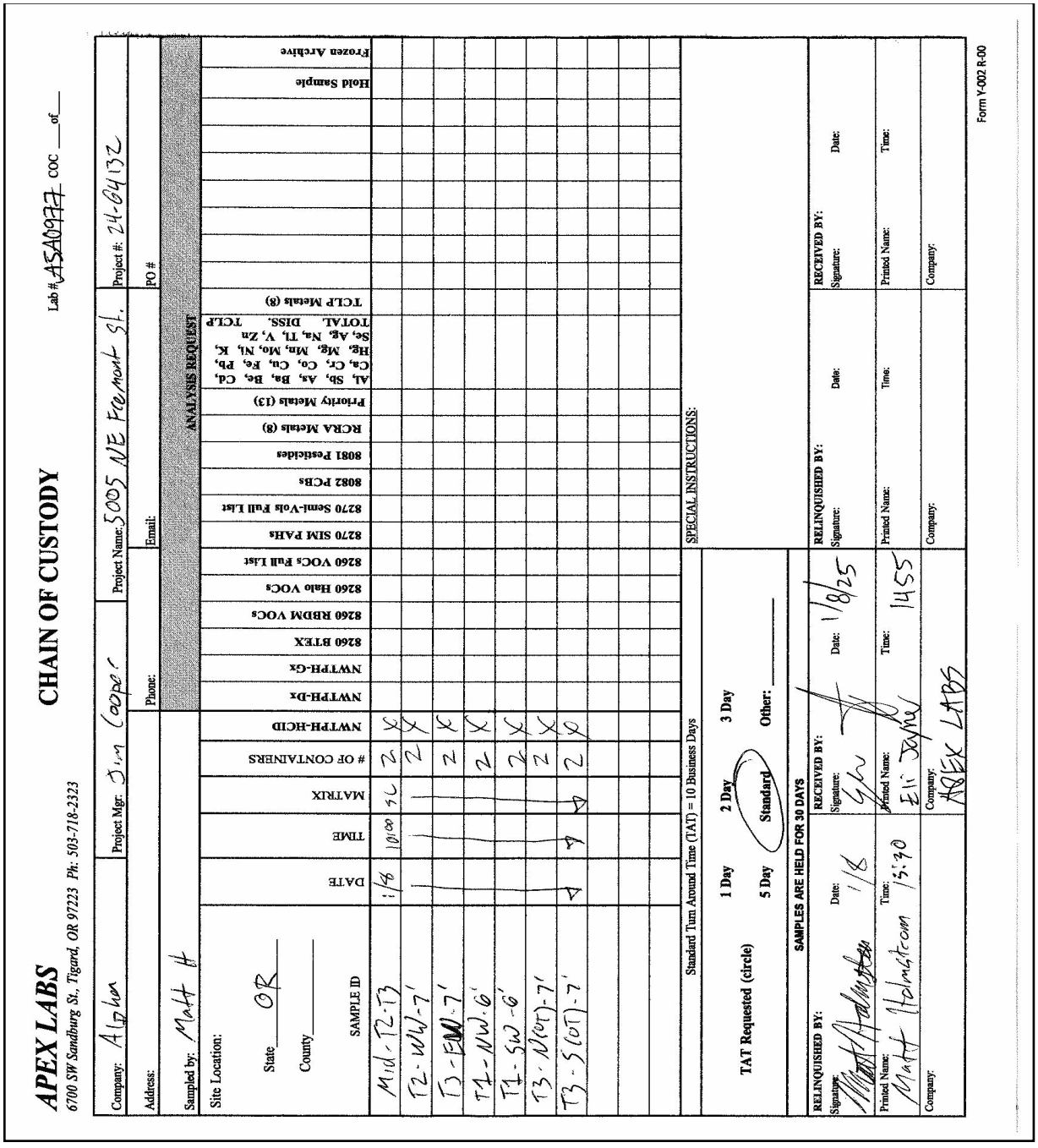

APEX LABS — 6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323

CHAIN OF CUSTODY — Lab # A5A0977 COC ___ of ___

Company: Alpha — Project Mgr: Jim Cooper — Project Name: 5005 NE Fremont St. — Project #: 24-641372

Address: — Phone: — Email: — PO #

Sampled by: Matt H

Site Location: State OR — County

SAMPLE ID	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pesticides	RCRA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS. TCLP	TCLP Metals (8)	Hold Sample	Frozen Archive
Mid-T2-T3	1/4	1000	SC	2	X																
T2-NW-7'				2	X																
T3-EW-7'				2	X																
T2-NW-6'				2	X																
T2-SW-6'				2	X																
T3-North-7'				2	X																
T3-South-7'				2	X																

SPECIAL INSTRUCTIONS:

Standard Turn Around Time (TAT) = 10 Business Days

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

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: Matt Holmstrom	Date: 1/8	RECEIVED BY: Signature:	Date: 1/8/25	RELINQUISHED BY: Signature:	Date:	RECEIVED BY: Signature:	Date:
Printed Name: Matt Holmstrom	Time: 15:30	Printed Name: Eli Jayne	Time: 1455	Printed Name:	Time:	Printed Name:	Time:
Company:		Company: APEX LABS		Company:		Company:	

Form Y-002 R-00

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

ANALYTICAL REPORT

Alpha Environmental	Project: **Default- Env Dept.**	
11080 SW Allen Blvd, Suite 100	Project Number: **5005 NE Fremont St. 24-641**	**Report ID:**
Beaverton, OR 97005	Project Manager: **Jim Cooper**	**A5A0977 - 01 16 25 1215**

APEX LABS COOLER RECEIPT FORM

Client: Alpha Element WO#: A5A0977

Project/Project #: 5005 NE Fremont St. 24-64132

Delivery Info:
Date/time received: 1/8/25 @ 1455 By: EST
Delivered by: Apex Client ESS FedEx UPS Radio Morgan SDS Evergreen Other
From USDA Regulated Origin? Yes ___ No X
Cooler Inspection Date/time inspected: 1/8/25 @ 1522 By: EST
Chain of Custody included? Yes X No ___
Signed/dated by client? Yes X No ___
Contains USDA Reg. Soils? Yes ___ No X Unsure (email RegSoils) ___

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

Cooler out of temp? (Y/N) Possible reason why: ___
Green dots applied to out of temperature samples? Yes/No
Out of temperature samples form initiated? Yes/No
Sample Inspection: Date/time inspected: 1/8/25 @ 1525 By: JA
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: JA Witness: AM Cooler Inspected by: EST

Form Y-003 R-02

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document(s) and updated by any subsequent written communications. This analytical report must be reproduced in its entirety.

Cameron O'Brien, Project Manager

APPENDIX B:

RECEIPTS

WILKINS TRUCKING CO. INC.
339-A N. COLUMBIA BLVD.
PORTLAND, OR 97217
503-283-3000

TICKET#:00382436
DATE: 01/07/25 TIME: 12:50:33

TRUCK: ALE
ALPHA ENVIROMENTAL

JOB: 5005
5005 NE FREMONT

PO: N/A

PRODUCT: 30
DUMP FEE DIRT

CUSTOMER: AES
ALPHA ENVIRONMENTAL SERVICES
11080 SW ALLEN BLVD.
BEAVERTON, OR 97005

5.09 TONS @ $13.75 PER TON
TOTAL CHARGE: $69.99

	lb
GROSS	25100
TARE (STORED)	14920
NET	10180
NET TONS	**5.09**

SCALE MASTER: BRITANI FEATHERSTONE

DRIVER: _____

THANK YOU

CUSTOMER: _____

EDITED EDITED EDITED EDITED EDITED EDITED EDITED EDITED EDITED EDITED

WILKINS TRUCKING CO. INC.
339-A N. COLUMBIA BLVD.
PORTLAND, OR 97217
503-283-3000

TICKET#:00382402
DATE: 01/07/25 TIME: 11:02:51

TRUCK: ALE
ALPHA ENVIROMENTAL

JOB: 5005
5005 NE FREMONT

PO: N/A

PRODUCT: 33
DUMP FEE RUBBLE

CUSTOMER: AES
ALPHA ENVIRONMENTAL SERVICES
11080 SW ALLEN BLVD.
BEAVERTON, OR 97005

6.08 TONS @ $18.75 PER TON
TOTAL CHARGE: $114.00

	lb
GROSS	27080
TARE (STORED)	14920
NET	12160
NET TONS	**6.08**

SCALE MASTER: BRITANI FEATHERSTONE

DRIVER: _____

THANK YOU

CUSTOMER: _____

2:00

11744

WILKINS TRUCKING CO.

339-A N. Columbia Blvd • Portland, OR 97217
(503) 283-3000 • FAX (503) 283-2454

LOCATION:
Portland Meadows
Schmeer Road Facility

DATE 1/6/15

CUSTOMER Alpha Environmental Acct.

5005 NE Fremont St.

Job#	PO #	Truck #	Driver Name (PRINT)
24-4132			

CIRCLE (only one) MATERIALS DUMPED →	Dirt	Concrete	Asphalt	Rubble	Rubble Wood	Mud

↓ CIRCLE PICKED UP MATERIALS ↓

Crushed Rock ¾"-o 4"-o 1½"-o 1"-o ¾"-o Recycle Other 1 cyd

Round Rock 1½" ¾" Other Pea Rock ⅜" Other

Screened Sandy Loam Other Screened Dirt Other

Sand Washed Fill Other

GROSS **NET TONS**

TARE **PRICE PER TON**

NET WEIGHT **TOTAL AMOUNT** 30.-

Wilkins Trucking Company will accept clean fill material only. The undersigned declares that all material delivered or dumped at Portland Meadows Schmeer Road facility complies with all state and federal environmental laws and regulations. The individual or company listed above will be solely responsible for any cleanup costs and or fines associated with that cleanup. The buyer agrees to pay all costs, including attorney fees incurres in any collection expense to effect payment for above materials.

CREDIT TERMS: NET 10th. A FINANCE CHARGE WILL BE IMPOSED ON PAST DUE ACCOUNTS. THE FINANCE CHARGE IS COMPUTED BY A "PERIODIC RATE" of 1-1/2% per month, which is an annual percentage rate of 18%.

CUSTOMER AUTHORIZATION X

ORIGINAL

WTC-006

Portland Sand and Gravel Co.

10717 S.E. DIVISION ST. • PORTLAND, OREGON 97266

PHONE: 252-3497 • FAX: 254-1668 • www.portlandsandandgravel.com

TICKET NUMBER	5368		
DRIVER	TRUCK NO.	PURCHASE ORDER NO. OR JOB NO.	DATE
			1/8/25

SOLD TO: Alpha Enviornmental

24-64132

DESCRIPTION	PRICE
~~1 to 6 Yd.~~ 3yd 1/4-CR	
7 to 12 Yd.	
Demos, Truck Pups, End Dumps	
1 to 6 Yd. Concrete	
7 to 12 Yd. Concrete	

I GUARANTEE THIS INERT MATERIAL TO BE FREE OF ANY CONTAMINATION.

IF ANY MATERIAL THAT I HAVE DUMPED IS FOUND TO BE CONTAMINATED, I WILL REMOVE IT AT MY OWN COST.

X Juan

SIGNATURE

Portland Sand and Gravel Co.

10717 S.E. DIVISION ST. • PORTLAND, OREGON 97266

PHONE: 252-3497 • FAX: 254-1668 • www.portlandsandandgravel.com

TICKET NUMBER	5359 Douglas 971.716.4978		
DRIVER	TRUCK NO.	PURCHASE ORDER NO. OR JOB NO.	DATE
			1.8.25

SOLD TO: Alpha Environmental

5005 NE Fremont St

DESCRIPTION	PRICE
~~1 to 6 Yd.~~ 12yd 3/4-CC	300
7 to 12 Yd.	
Demos, Truck Pups, End Dumps wed 10.11	
1 to 6 Yd. Concrete	
7 to 12 Yd. Concrete 2.1	80
	380

I GUARANTEE THIS INERT MATERIAL TO BE FREE OF ANY CONTAMINATION.

IF ANY MATERIAL THAT I HAVE DUMPED IS FOUND TO BE CONTAMINATED, I WILL REMOVE IT AT MY OWN COST.

X

SIGNATURE

WASTE MANAGEMENT

Hillsboro Landfill, Inc
3205 SE Minter Bridge
Hillsboro, OR, 97123
Ph: (503)-640-9427

Original
Ticket# 1743727

Customer Name	ALPHAENVSERV ALPHA ENVIRONMEN	Carrier	ALPHA		
Ticket Date	01/08/2025	Vehicle#	242	Volume	
Payment Type	Credit Account	Container			
Manual Ticket#		Driver	juan		
Hauling Ticket#		Check#			
Route		Billing #	0002041		
State Waste Code		Gen EPA ID	N/A		
Manifest	na				
Destination		Grid			
PO					
Profile	116582OR (DIESEL FUEL IMPACTED SOIL AND OR DEBRIS CLEANUP)				
Generator	OR-VARIOUS SITES INSIDE METRO VARIOUS SITES - INSIDE METRO				

	Time	Scale	Operator	Inbound		
In	01/08/2025 07:49:06	Inbound 1	amille38		Gross	25240 lb
Out	01/08/2025 08:11:25	Outbound	mcouris		Tare	14140 lb
					Net	11100 lb
					Tons	5.55

Comments

Consumer Comments? We want to know. Please call.

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Daily Cover-PCS-To	100	5.55	Tons	50.70		$281.39	WASH-IN
2	FUEL-Fuel Surcharg	100		%	7.83		$22.03	WASH-IN

Total Tax
Total Ticket $303.42

Driver`s Signature

24-64132
5005 NE Fremont St

SUNBELT RENTALS

PC#: 1304
3740 NE COLUMBIA BLVD
PORTLAND, OR 97211 2042
503-546-8875

SUNBELT RENTALS, INC.
Pickup Ticket # 24631367

*****FINAL*****

PICKUP TICKET

Job Site:
ALPHA ENVIRONMENTAL SERVICES
5005 NE FREMONT ST
PORTLAND, OR 97213 1730

C#: 503-928-7033 J#: 503-928-7033

Customer: 777528
ALPHA ENVIRONMENTAL SERVICES
11080 SW ALLEN BLVD STE 100
BEAVERTON, OR 97005

Contract #.. 161692455
Contract dt. 1/08/25
Date out.... 11/04/24 2:00 PM
Pickup date. 1/08/25 12:25 PM
Job Loc..... 5005 NE FREMONT ST, PORTLAN
Job No..... 144 ALPHA ENVIRONMEN
P.O. #..... 2464122
Ordered By.. DOUGLAS, DOUGLAS
NET 30

Qty	Equipment #	Fuel Used	Qty Ret	Qty Damaged	Wght(lbs)
2.00	RCP5X8 - ROAD PLATE 5X8FT - 1" Unit Weight: 1634 lbs		2		3268
1.00	800 - LOCK-N-LIFT PLATE LIFT TOOL Unit Weight: 4 lbs		1		4
			TOTAL WEIGHT:		3272

Rate your rental experience www.sunbeltrentals.com/survey

MULTIPLE SHIFTS OR OVERTIME RATES MAY APPLY

CUSTOMER IS RESPONSIBLE FOR REFUELING, DAMAGES AND REPAIRS

CUSTOMER SIGNATURE DATE NAME PRINTED DELIVERED BY DATE

Far West Recycling - Hillsboro
P.O. Box 1139
6440 S.E. Alexander St.
Hillsboro, OR 97123-1139
503-200-5030

DOUGLAS VASQUEZ ACEVEDO
903 S 12TH AVE UNIT 2
YAKIMA, WA 98902-4318
Driver's Lic: WDL5974D123E

Vehicle Tag:

Ticket No. 351657
Date: 1/22/25 2:33 pm
Tracking ID WHT ALPHA

Item	Gross	Tare	Net	Price	Total
Ferrous Metal (Unrestricted)	17,660	14,080	3,580	80.000ST	143.20

Total Payment **$143.20**

Please Sign Here:
Por Favor Firme Aqui:

Thank you for your business. Please come again.

I, the undersigned, hereby declare that the property that is subject to this transaction is not, to the best of my knowledge, stolen property and conforms with the FWF Hazardous Substance Removal policy. I understand that this statement is made under penalty of perjury and may be used as evidence in court.

A $12 reprocessing fee will be assessed for any lost or stolen checks.

Print Name: _____

Printed By HBROMUSER

APPENDIX C:

DEQ FORMS

State of Oregon
Department of
Environmental
Quality

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND STORAGE TANK PROGRAM

GENERAL PERMIT REGISTRATION FORM TO DECOMMISSION EXISTING UNREGISTERED TANKS

and

30-DAY NOTICE OF INTENT TO DECOMMISSION USTS

- This form for registration of existing tanks that have never been reported to DEQ should be submitted at least 30-days before beginning decommissioning by permanent closure.
- To register existing tanks you must submit pages 4 through 8 of this registration form and a check for the amount of the required registration fee. See page 4 to calculate the required fee.
- If you are registering more than five (5) tanks, please make a copy of pages 7 and 8. List the additional tanks on the copy.
- You must call your regional office to receive authorization to proceed with the decommissioning at least 72 hours prior to beginning work. See page 3 for phone numbers.
- You must submit the Underground Storage Tank Decommissioning Checklist and Site Assessment Report to your local Regional Office within 30 days following completion of the tank decommissioning or change-in-service **regardless if cleanup work is ongoing.**

CHECKLIST

1. Be sure signatures are provided for the tank owner, permittee and property owner, **even where one person fills all three roles**.
2. Complete the registration form for all tanks being registered at the facility.
3. Make copies for your records.
4. Enclose your check payable to:
   Oregon Department of Environmental Quality
5. Please return the general permit registration form and applicable registration fee to:

   Department of Environmental Quality
   Attn: Revenue Section
   700 NE Multnamah St.
   Portland, Oregon 97232

INSTRUCTION PAGE

DESCRIPTION OF GENERAL PERMIT PROGRAM

In lieu of issuing individual permits, Oregon's UST permitting program has adopted a general permit by rule to decommission USTs that identifies the conditions and requirements for temporary and permanent closure or completing a change-in-service. By signing the registration forms, you are certifying that you will comply with all the conditions and requirements of the general permit to decommission USTs.

DEFINITIONS

Facility – the place where the tank is located.

Decommission – means temporary or permanent closure, including temporary or permanent removal from operation, filling in-place, removal from the ground or change-in-service to non-regulated status.

Owner – means a person who currently owns an UST or owned an UST during the tanks operational life. If registered with the Secretary of State, Corporations Division, the UST owner is the legal business name.

Permittee – means the owner or person designated by the owner, who is in control or has responsibility for daily UST system operation and maintenance, financial responsibility and UST operator training requirements under a general permit pursuant to OAR 340-150-0160 through 340-150-0168. If registered with the Secretary of State, Corporations Division, the permittee is the legal business name. The permittee is mailed the annual compliance fee invoice.

Property owner – means the legal owner of the real property on which an UST is located (the name that appears on the County deed records).

GENERAL PERMIT REGISTRATION FORM

1. Please fill in the name, address and phone number of the facility. If this facility is registered with DEQ please include the DEQ facility number.
2. Please fill in the number of tanks in the space provided in the general permit registration fee section. For existing tanks not previously registered, back fees are required by OAR 340-150-0110 (6). Calculate the total amount due.
3. Please fill in the tank owner's legal name, address and phone number. The legal name is the name of the tank owner as filed with the Secretary of State, Corporations Division, if applicable. The tank owner must sign the registration form.
4. The tank owner can designate a permittee for each facility. Please ask the permittee in charge of the facility to fill in their legal name, address and phone number. The legal name is the name of the permittee as filed with the Secretary of State, Corporations Division, if applicable. The permittee must sign the registration form.
5. Please fill in the property owner's name, address and phone number. The property owner's name should be the name in the county deed records. The property owner must sign the registration form.
6. There must be three signatures for each completed registration form – the tank owner, permittee and property owner. **IF ONE PERSON FILLS ALL THREE ROLES, THAT PERSON MUST SIGN THREE TIMES.**
7. Complete all sections and pages of the form.

LICENSED SERVICE PROVIDERS AND SUPERVISORS

ORS 466.750 and OAR 340 – Division 160 requires that licensed service providers perform tank decommission work. If contaminated soil is discovered during decommissioning, and a decision is made to remediate the site using the soil matrix rules, ORS 466.750 and OAR 340 – Division 162 requires that licensed service providers perform soil matrix cleanup work. During certain critical phases as specified in the rules, a licensed supervisor must be present on site to monitor the work. A list of licensed service providers and supervisors is available upon request by calling (503) 229-6652 or toll-free in Oregon 1-800-742-7878 (a message answering machine). **NOTE: AN OWNER OR PERMITTEE MAY PERFORM UST SERVICES ONLY IF THEY HAVE TAKEN AND PASSED THE APPROPRIATE UST SUPERVISOR EXAMINATION OFFERED BY A NATIONAL TESTING SERVICE (OAR 340-150-0156)**.

INSTRUCTION PAGE

HELP WITH THIS REGISTRATION FORM

If you have any questions about this registration form, please phone the DEQ UST Program at (503) 229-6652. You can also phone the UST Program's toll-free Oregon number, 1-800-742-7878. This is a message answering machine for calls made in Oregon. Underground Storage Tank Program staff will return your call within 24 hours (one business day). You can also send an e-mail to tanks.info@deq.state.or.us. Our regional staff is also available to answer questions regarding the general permit program and this general permit registration form (see below for telephone numbers).

COPIES OF GENERAL PERMIT CONDITIONS AND REQUIREMENTS AND UST PROGRAM RULES

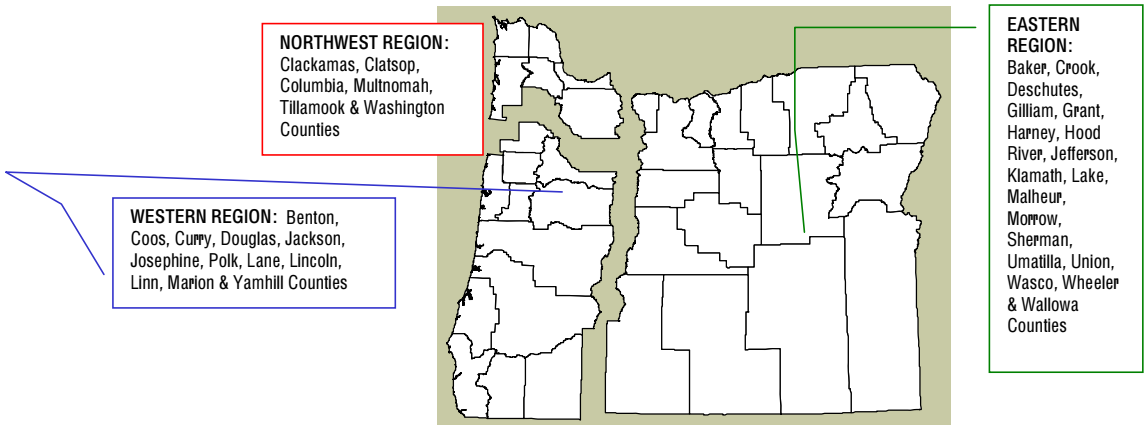
Copies of the general permit to decommission conditions and requirements and UST Program rules and laws can be obtained from:

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

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

View Oregon Administrative Rules (OAR) and open Division 150 to OAR 34-150-0166 & 340-150-0168.

View Oregon Revised Statutes (ORS) and open Chapter 466 to ORS 466.706 to 466.845



EASTERN REGION / BEND Phone: 541-388-6146	WESTERN REGION / MEDFORD Phone: 541-776-6010
NORTHWEST REGION / PORTLAND Phone: 503-229-5263	WESTERN REGION / COOS BAY Phone: 541-269-2721
UST HELPLINE: 1-800-742-7878 (toll free in Oregon)	WESTERN REGION / EUGENE Phone: 541-686-7838

GENERAL PERMIT REGISTRATION FORM

TO DECOMMISSION UNREGISTERED USTs

PLEASE PRINT

FACILITY NAME:

FACILITY ADDRESS: 5005 NE Fremont St

CITY, STATE & ZIP: Portland, OR 97213

PHONE: 8643441099 5037063669 (If known) **FACILITY NUMBER:**

GENERAL PERMIT REGISTRATION FEE

For existing tanks installed in 1988 or earlier the registration fee is $500 per tank.

Number of existing tanks being registered 3 x $500 = $1500 Total Fee Due

Note: If an existing tank was installed after 1988 please contact the Department at 503-229-6652 or 1-800-742-7878 for assistance in calculating the fee.

For existing tanks not previously registered and permitted, back fees are due and payable with this general permit registration form in accordance with OAR 340-150-0110 (6).

30-DAY NOTICE OF INTENT TO DECOMMISSION INFORMATION

Work To Be Performed By: Alpha Environmental Services
(Name of Permittee, Tank Owner, Property Owner or Licensed Service Provider)

If performed by Service Provider: License # 17684

Contact Phone: 5032925346 Contact Mobile Phone: 5039295652

Will tank removal or potential cleanup affect adjacent property or right-of-way property?

Yes _____ No X

Date decommissioning is scheduled to begin: 11/21/2024

GENERAL PERMIT REGISTRATION FORM
TO DECOMMISSION UNREGISTERED USTs

Valeria Jones & Sharon Poynter	104 Overbrook Rd
1. TANK OWNER* as registered with the Secretary of State, Corporations Division	Mailing Address (***Please Print***)
	Greenwood, SC 29649
Name of Official (***Please Print***)	City, State and Zip Code
Signed by: Sharon Poytner 3EE5EE1EEEA5424... Signature of Official	DocuSigned by: Benjamin R Seeley 11/8/2024 371DD7C3A3224F8... Date
	8643441099
	Area Code and Telephone Number

I will decommission the USTs described on the *Notification and Description of Underground Storage Tank Systems* pages in accordance with the conditions and requirements of the general permit to decommission.

Valeria Jones & Sharon Poynter	104 Overbrook Rd
2. PERMITTEE* as registered with the Secretary of State, Corporations Division	Mailing Address (***Please Print***)
	Greenwood, SC 29649
Name of Official (***Please Print***)	City, State and Zip Code
Signed by: Sharon Poytner 2EE5EE1EEEA5424... Signature of Official	DocuSigned by: Benjamin R Seeley 11/8/2024 371DD7C3A3224F0... Date
	8643441099
	Area Code and Telephone Number

I will decommission the USTs described on the *Notification and Description of Underground Storage Tank Systems* pages in accordance with the conditions and requirements of the general permit to decommission.

Valeria Jones & Sharon Poynter	104 Overbrook Rd
3. PROPERTY OWNER is name that appears on the County deed record for this property.	Mailing Address (***Please Print***)
	Greenwood, SC 29649
Name of Official (***Please Print***)	City, State and Zip Code
Signed by: Sharon Poytner 2EE5EE1EEEA5424... Signature of Official	DocuSigned by: Benjamin R Seeley 11/8/2024 371DD7C3A3224F0... Date
	8643441099
	Area Code and Telephone Number

* If this facility or tanks are owned by a person, or operated by a permittee that is a business registered with the Secretary of State, Corporations Division, you must use that legal business name for purposes of registering these USTs with the Department. Please make sure that your business registration with the Oregon Corporations Division (503-986-2200) is active or your application may be placed on hold until your registration has been renewed.

Return Completed Form to: Department of Environmental Quality
Attn:.Revenue.Section
700 NE Multnomah St.
Portland, OR 97232

Notification and Description of Underground Storage Tank Systems

TYPE OF OWNER

- ☐ Federal Government
- ☐ Commercial
- ☐ State Government
- ☒ Private
- ☐ Local Government

INDIAN COUNTRY

- ☐ Tanks are located on land within an Indian Reservation or on trust lands outside reservation boundaries.
- ☐ Tanks are owned by a Native American nation or tribe.

Tribe or Nation:

TYPE OF FACILITY

- ☒ Gas Station
- ☐ Petroleum Distributor
- ☐ Air Taxi (Airline)
- ☐ Aircraft Owner
- ☐ Auto Dealership
- ☐ Railroad
- ☐ Federal - Non-Military
- ☐ Federal - Military
- ☐ Industrial
- ☐ Contractor
- ☐ Trucking/Transport
- ☐ Utilities
- ☐ Residential
- ☐ Farm
- ☐ Other (Explain)

FINANCIAL RESPONSIBILITY

☑ I will meet the financial responsibility requirements in accordance with OAR 340 – Division 151

Check All that Apply

- ☐ Pollution Liability Insurance
- ☐ Self Insurance
- ☐ Exempt (Federal or State Government
- ☐ Letter of Credit
- ☐ Surety Bond
- ☐ Guarantee
- ☐ Local Government

The financial responsibility requirements are designed to make sure that the tank owner, property owner or permittee can pay the costs of cleaning up leaks and compensating third parties for bodily injury and property damage caused by leaking USTs. A plain language summary of the financial responsibility requirements can be downloaded from the Internet at http://www.epa.gov/swerust1/pubs/dollars.htm. For a list of known insurance providers go to http://www.epa.gov/swerust1/pubs/inslist.htm.

CONTACT PERSON IN CHARGE OF TANKS

Name:	Job Title:	Address:	Phone Number (Include Area Code):
Sharon Poynter & Valeria	Vice President	104 Overbrook Rd, Greenwood SC 29649	8643441099

CERTIFICATION (Read and sign after completing all section)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative (Print)	Signature	Date Signed
Name: Sharon Poynter & Valeria Jo Title: Vice President	Signed by: Sharon Poynter 2FE5FF1EFEA542A... DocuSigned by: Benjamin R Scurry 371DD7C3A3224F0...	11/8/2024

NOTIFICATION AND DESCRIPTION OF UNDERGROUND STORAGE TANK SYSTEMS (Complete for each tank at this location)					
Tank Identification Number	**Tank No.** 1	**Tank No.** 2	**Tank No.** 3	**Tank No.**	**Tank No.**
1. Status of Tank (Check (√) only one)					
Currently in Use					
Temporarily Out of Use					
Permanently Out of Use	X.	X			
2. Date of Installation (month & year)	1940s	1940s			
3. Estimated Total Capacity (gallons)	550	675			
4. Material of Construction (Check (√) all that apply)					
Asphalt Coated or Bare Steel	■	■	■		
Cathodically Protected Steel					
Epoxy Coated Steel					
Composite (Steel with Fiberglass)					
Fiberglass Reinforced Plastic					
Lined Interior					
Double Walled					
Polyethylene Tank Jacket					
Concrete					
Excavation Liner					
Unknown					
Other Material, Please Specify					
Has Tank been Repaired? Check (√) Box if Yes					
Date of Repairs					
5. Piping – Material (Check (√) all that apply					
Bare Steel	■	■	■		
Bare Steel Wrapped					
Galvanized Steel					
Fiberglass Reinforced Plastic					
Copper					
Cathodically Protected					
Double Walled					
Secondary Containment					
Unknown					
Not in Contact with Soil					
Other Material, Please Specify					
6. Piping – Type (Check (√) all that apply)					
Suction – No Valve at Tank					
Suction – Valve at Tank					
Pressure					
Gravity Feed					
Has Piping been Repaired? Check (√) Box if Yes					
Date of Repair					

NOTIFICATION AND DESCRIPTION OF UNDERGROUND STORAGE TANK SYSTEMS

(Complete for each tank at this location)

Tank Identification Number	Tank No. 1	Tank No. 2	Tank No. 3	Tank No.	Tank No.
7. Substance Currently or Last Stored in Greatest Quantity by Volume					
Check (√) Only One Substance per Tank)					
Gasoline					
Diesel					
Gasohol					
Kerosene					
Heating Oil					
Used Oil					
Hazardous Substance					
CERCLA Name and/or					
CAS Number					
Mixture of Substances					
Please Specify Mixture					
Other					
Please Specify Other					

8. Release Detection (Check (√) all that Apply

	Tank	Pipe	Tank	Pipe	Tank	Pipe	Tank	Pipe	Tank	Pipe
Manual Tank Gauging	☐		☐		☐		☐		☐	
Tank Tightness Testing	☐		☐		☐		☐		☐	
Inventory Control	☐		☐		☐		☐		☐	
Automatic Tank Gauging	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Vapor Monitoring	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Groundwater Monitoring	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Secondary Containment	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Automatic Line Leak Detector		☐		☐		☐		☐		☐
Line Tightness Testing		☐		☐		☐		☐		☐
No Release Detection Required (Emergency Generator // Field Constructed Tanks)	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Other Method Allowed by Department	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Other Method, Please Specify										

9. Spill and Overfill Protection					
Overfill Device Installed	☐	☐	☐	☐	☐
Spill Device Installed	☐	☐	☐	☐	☐

Clear All Entries

Print Form

State of Oregon Department of Environmental Quality

Initial Twenty Day Report Form

Leaking Underground Storage Tank Program

This report is due twenty (20) days from the date of release. Keep a copy of this report with your facility records.

DEQ Project No. _____

DEQ Facility ID No. _____

Project Name: 5005 NE Fremont St

Project Address: 5005 NE Fremont St, Portland, Or 97213

Initial Cleanup Information

1. Type of contamination (check √ all that apply):
   ☑ Gasoline ☐ Diesel ☐ Waste Oil ☐ Heating Oil
   Other (specify) _____

2. Estimate quantity of release (based on information known to date, select only one):
   ◉ <100 gal. ○ 100-499 gal. ○ 500-999 gal. ○ 1,000-5,000 gal. ○ >5,000 gal.

Site Information (check √ yes or √ no)

3. ☐ Y ☑ N Did any water enter the excavation? If yes, please describe and identify the depth to groundwater in feet below ground surface: _____

4. ☐ Y ☑ N Was a sheen or odor observed on any water in the excavation?

Note: If groundwater is encountered, soil samples from the soil/water interface must be collected and analyzed for BTEX and by the appropriate TPH method.

At sites where diesel or other non-gasoline products have been released, the water may also have to be screened or tested for polynuclear aromatic hydrocarbons (PAHs). *Please refer to OAR 340-122-0218.*

5. ☐ Y ☑ N Was water pumped from the excavation?
   ☐ Y ☐ N If yes, did groundwater recharge within 24 hours after pumping?
   Please describe the pumping procedure and disposal option selected for the purged excavation water:

6. ☐ Y ☑ N Were any water samples collected from the excavation? If yes, please describe.
   _____

7. ☑ Y ☐ N Have any soil and/or water sample results been received at this time? **If so, please attach any lab reports.**

If groundwater has been encountered, please answer questions #8-13, below.

If no water has been encountered, please skip to question #14.

8. What are the known uses of groundwater within a 500-foot radius of the release site (check √ all that apply)?

☐ non-use ☐ industrial ☐ agricultural ☐ drinking supply

9. If groundwater in this area is being used as a drinking water supply, please check √ the type and size of population served by the supply:

☐ Community (community well used for drinking water year round, select only one)
size: ◯ <1,000 people ◯ 1,000 - 5,000 people ◯ >5,000 people

☐ Intermittent use (public water used for drinking water only on a part-time basis, select only one)
size: ◯ <50 people ◯ 50 - 300 people ◯ > 300 people

☐ Private wells (individual private well or wells used for drinking water, select only one)
size: ◯ <10 people ◯ 10 - 25 people ◯ >25 people

10. ☐ **Y** ☐ **N** Is there any evidence this water supply has been or is likely to be impacted from the petroleum product release? If yes, estimate how difficult it would be to replace the existing supply:

☐ bottled water is the only alternative

☐ on-site water treatment; bulk water delivery; new wells are available

☐ able to connect to existing water supply

☐ do not know what alternatives would be available

11. ☐ **Y** ☐ **N** Are/were vapors present in on-site or nearby buildings? If yes:

A. Are you monitoring and/or mitigating any potential fire and safety hazards posed by vapors and free product? Explain: _____

_____

B. Estimate the number of people potentially affected by vapors – ● select only one:

1-2 people 3-10 people >10 people

12. ☐ **Y** ☐ **N** Are vapors or is petroleum contamination present in the utility corridors? If yes, please explain:

13. ☐ **Y** ☐ **N** Are natural areas located within 1/4 mile of the site? If so, please describe types (parks, rivers, wetlands, sensitive habitats, *etc.*) and proximity:

14. ☐ **Y** ☑ **N** If groundwater was not encountered in the excavation, do you believe that this cleanup project can be conducted under the requirements for an UST Cleanup Matrix site? If yes, then refer to OAR 340-122-0305 through 0360.

Area Site Conditions

15. Mean annual rainfall: ○ <20 inches ◉ 20-45 inches ○ >45 inches

16. Soil type(s) of the naturally occurring soils, not the backfill around the tank, select only one:

○ clays, compact tills, shales, and unfractured metamorphic and igneous rocks

○ sandy loams, loamy sands, silty clays, clay loams, moderately permeable limestone, dolomite, sandstones, moderately fractured igneous and metamorphic rock

◉ fine and silty sands, sands and gravels, highly fractured igneous and metamorphic rock, permeable basalts and lavas, karst limestones and dolomites

Soil Management

17. If soil sample results have been received:

☐ **Y** ☑ **N** Will the level of contamination detected require removal of contaminated soil for treatment or disposal?

18. All contaminated soil temporarily stockpiled on-site prior to treatment or disposal must be contained within a bermed area, kept covered, and the entire area secured to prevent unauthorized access by the public. If you haven't done this, please explain why:

Note: It is a violation to stockpile petroleum contaminated soil (PCS) on-site for greater than 30 days without a DEQ Solid Waste Letter Authorization (SWLA) Permit.

19. If contaminated soil is currently stockpiled on-site, please indicate when disposal will occur or when treatment will begin:

20. Estimated volume of contaminated soil (specify tons or cubic yards):

21. Intended disposition of soils (select only one):

○ On-site/off-site treatment, Solid Waste Letter Authorization Permit Application attached.

○ Thermal treatment off-site at an authorized facility.
Facility name: _____

○ Landfill disposal.
Landfill name: _____

Note: Please attach additional information as necessary to explain any unusual circumstances associated with this project.

This initial report is intended to provide the Department with the basic initial information about activities associated with the release. Future reports should provide a more detailed and complete picture of the cleanup project.

Please be aware that a DEQ permit/authorization is required for the following activities:

1) Soil aeration, bioremediation (on-site or off-site), or on-site thermal treatment.

2) Water discharges to a stream/storm drain from the excavation or treatment tank.

If these activities will be included in your cleanup project, contact the regional DEQ office for the appropriate application forms, information on permit fees and guidance documents.

This report was prepared by:

Individual: Jim Cooper Date: 1/15/25

Company: Alpha Environmental Phone: 503-292-5346

Address: 11080 SW Allen Blvd, Ste 100

City: Beaverton State: Or Zip: 97005

1. Return this form to the regional office in which the site is located or by emailing info.lust@deq.oregon.gov.

2. For all tanks, **except heating oil tanks**, you must submit an *UST Decommissioning Checklist and Site Assessment Report* to the appropriate regional office **within 30 days** of the UST decommissioning. Failure to do so can result in delays to your project and may result in continued bulling for the annual tank permit fees.

3. Copies of the LUST Cleanup Manual and other guidance can be viewed and downloaded from the Leaking Underground Storage Tank Cleanup Guidance web page.

4. For Program assistance Contact the DEQ regional office.

Translation or other formats

Español | 한국어 | 繁體中文 | Русский | Tiếng Việt | العربية
800-452-4011 | TTY: 711 | deqinfo@deq.oregon.gov

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State of Oregon Department of Environmental Quality

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND STORAGE TANK PROGRAM

UNDERGROUND STORAGE TANK DECOMMISSIONING CHECKLIST AND SITE ASSESSMENT REPORT

A. FACILITY INFORMATION:

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

DEQ FACILITY NUMBER: _____

FACILITY NAME: 5005 NE Fremont St

FACILITY ADDRESS: 5005 NE Fremont St, Portland, Or 97213

PERMITTEE PHONE: 864-344-1099 503-706-3669 DATE: 1/28/25

B. WORK PERFORMED BY:

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

DEQ Service Provider's License #: 17684 Construction Contractors Board License #: 152125

Name: Alpha Environmental Services, Inc.

Telephone: 503-292-5346

DEQ Decommissioning Supervisor's License #: 27125

Name: Jim Cooper

Telephone: 503-292-5346

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

Name: _____

Telephone: _____

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

Name: _____

Telephone: _____

C. DATES:

Decommissioning/Change-in-Service Notice - Date Submitted: 11/8/24 (30 days before work starts).

Work Start Telephone Notice - Number issued by DEQ: 503-229-6085 (3 working days before work starts).

DEQ Person Notified: Dave Pardue

Date Work Started: 1/7/25 Date Work Completed: 1/8/25

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

Date Contamination Reported: 1/9/24 By: Alpha Environmental

DEQ Person Notified: Online reporting

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

DEQ Water Discharge Permit #: _____ Date: _____

Water Disposed to (Location): _____

DEQ Solid Waste Disposal Permit #: _____ Date: _____

Soil Disposal or Treatment Location: _____

E. TANK INFORMATION:

			PRODUCT: GASOLINE, DIESEL, USED OIL, OTHER?		CLOSURE OR CHANGE-IN- SERVICE?			TANK TO BE REPLACED?	
TANK ID #	DEQ-UST PERMIT #	TANK SIZE IN GALLONS	PRESENT	NEW	TANK REMOVAL	CLOSURE IN PLACE ♦	CHANGE IN SERVICE ♦	YES	NO
1		500	20			✔			✔
2		675	0		✔				✔

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

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

F. DISPOSAL INFORMATION:

	TANK AND PIPING DISPOSAL METHOD				DISPOSAL LOCATION OF TANK CONTENTS	
TANK ID #	SCRAP	LAND-FILL	OTHER	IDENTIFY LOCATION & PROPERTY OWNER	LIQUIDS	SLUDGES
1					ORRCO - product/wash wa	
2	✔			Far West Recycling		

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

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

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

G. CONTAMINATION INFORMATION:

TANK ID #	GROUND WATER IN PIT ?	PRODUCT ODOR IN SOIL ?	PRODUCT STAINS IN SOIL ?	NUMBER OF SAMPLES	LABORATORY (NAME, CITY, STATE, PHONE)
1				4	Apex Labs, Tigard, Or, 503-718-2323
2		✔	✔	4	Apex Labs, Tigard, Or, 503-718-2323

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

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

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

I. SAFETY EQUIPMENT ON JOB SITE:

Fire Extinguisher:	Type/Size:	Type ABC / 5KG	Recharge Date:	1/30/24
Combustible Gas Detector:	Model:	Drager X-am 2000	Calibration Date:	4/9/24
Oxygen Analyzer:	Model:	Drager X-am 2000	Calibration Date:	4/9/24

J. DECOMMISSIONING:

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

K. TANK ABANDONMENT IN-PLACE:

All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)	YES	NO	UNKNOWN	N/A
16. Sampling plan approved by DEQ? Date: 1/7/24 DEQ Staff: Dave Pardue	✔			
17. Contamination concerns fully resolved?			✔	
18. Fill Material? Type: Gravel	✔			

L. TANK REMOVAL:

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

M. SITE ASSESSMENT:

All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)	YES	NO	UNKNOWN	N/A
25. Site assessed for contamination? See OAR 340-122-0340	✔			
26. Soil samples taken and analyzed?	✔			
27. Was contamination found? Date/Time: 1/8/24 1:00	✔			
28. Was hazardous waste determination made for tank contents (Liquids/sludges)?				✔

N. REQUIRED SIGNATURES:

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

Permittee or Tank Owner: Sharon Poynter & Valeria Jones
(***Please Print***)

01/31/2025, 09:55:21 AM EST

Permittee or Tank Owner: Sharon Poytner Valeria Jones Date: 01/31/2025, 10:49:40 AM PST
(***Signature***)

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

Licensed Supervisor: Jim Cooper

Matt Micheletty 1/28/25

nd find

1/28/25

O. REPORT FILING:

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

P. HELP WITH THIS REPORT:

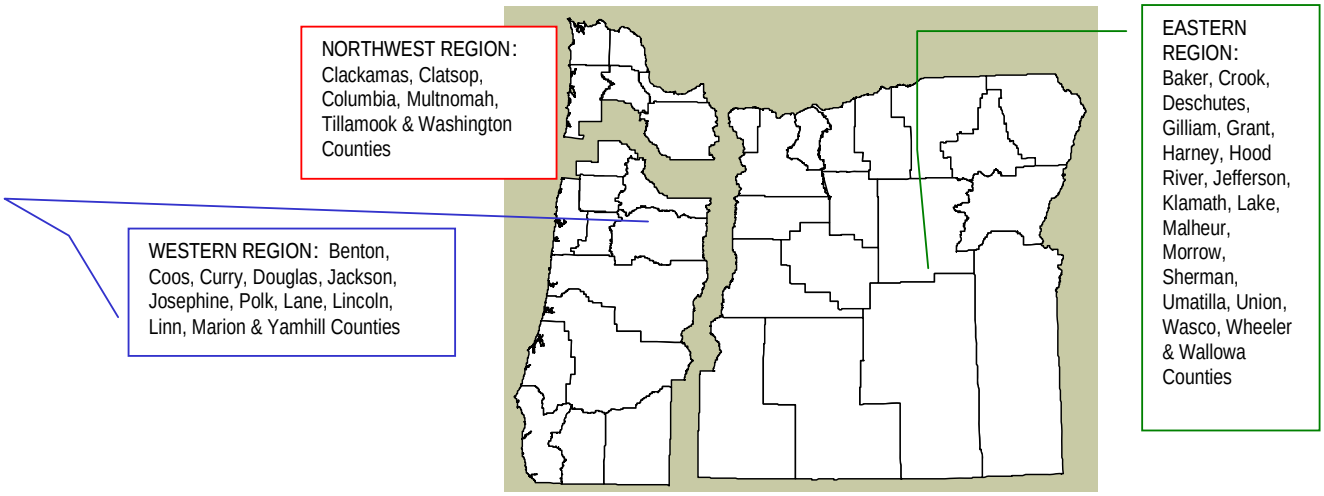
If you have any questions about this decommissioning checklist and site assessment report, please phone your DEQ Regional Office. You can also phone the UST Program's toll-free number, 1-800-742-7878. This is a message answering machine for calls made within Oregon. Underground Storage Tank Program staff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

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

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

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

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



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

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

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

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

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