



**ENVIRONMENTAL
SITE INVESTIGATION
REPORT**

Property Identification:

**ECSI #6745
LUST #27-25-0455
MYERS AUTOBODY
1555 MONMOUTH STREET
INDEPENDENCE, OREGON 97361**

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1.0 INTRODUCTION

On behalf of Dave Upton, Alpha Environmental Services, Inc (Alpha) has prepared this Environmental Site Assessment Report to present the results of the recent site testing at 1555 Monmouth Street, Independence, Oregon. The purpose of the investigation was to evaluate the risks from a former leaking underground storage tank on the property. The investigation included the assessment of vapor conditions inside the buildings and determining if impacted groundwater is migrating offsite.

1.1 Site Description

The Property consists of one Tax Lot 08429-BB-02000 located in Township 8 South, Range 4 West, Section 29, Willamette Meridian. The Property consists of an approximately 1.25-acre parcel improved with the main hardware store building and a small metal building. Several other storage sheds also occupying the Property. The remainder of the site consists of asphalt parking/storage areas.

The vicinity of the Property can generally be described as commercial. Current usage of the adjoining properties includes: north – Monmouth Street with Central High School beyond; south – Northwest Self Storage; east – Independence Health and Rehabilitation; and west – multi-tenant commercial building.

1.2 Current Zoning and Future Land Use

The Property is zoned commercial by the City of Independence. Currently the property is occupied by Town and Country True Value Hardware.

The future use of the property is anticipated to remain the same or similar. The site use allows for commercial uses. At this time and in the foreseeable future, residential zoning will not be allowed.

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 Water Resources Department (WRD) online database static groundwater onsite is estimated to be located approximately 5 to 10 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 topography and site observations, groundwater is anticipated to flow to the northeast.

The nearest major surface water in the vicinity of the Property is Ash Creek located 0.35 miles northeast from the property.

2.0 BENEFICIAL LAND AND WATER USE DETERMINATIONS

2.1 Land Use

The Property is zoned commercial by the City of Independence. The zoning permits commercial uses. Residential use is not considered a likely future use for this property. Adjacent properties do not include residential uses and the residential receptor scenario pathway is deemed incomplete.

2.2 Groundwater Use

A search of the Oregon Water Resources Department (OWRD) database was conducted. No domestic water wells were identified within 1/4 mile of the subject property and no irrigation water wells or other wells were identified within 1/2 mile of the subject property.

The City of Independence supplies potable water to the property and nearby businesses. There is no onsite groundwater use.

Based on the information provided, there is no known current or likely future beneficial use of shallow groundwater at the site that might be impacted by site-related contamination.

2.3 Surface Water Use

The property is occupied by the building itself or covered with impervious asphalt. Stormwater from the site sheet flows across the asphalt catch basins connected to the city storm drain system or to the streets surrounding the property.

The nearest major surface water in the vicinity of the Property is Ash Creek located 0.35 miles northeast from the property.



3.0 FIELD INVESTIGATION, TANK DECOMMISSIONING AND SAMPLING PROCEDURES

3.1 Preliminary Field Work

Prior to sampling, Alpha filed a public utility locate request with One Call Oregon and utilities were marked by respective utility companies where they entered the Property.

Alpha subcontracted Pacific Geophysics to perform a geophysical tank survey and Pacific NW Locating to perform a utility survey of the Property in preparation for the drilling.

3.2 Tank Decommissioning

DEQ Facility Number: 61019

Facility Name: Myers Autobody

Date: 7/24/25

Tank Size: 420-gallons

Tank Contents: Used oil

Decommissioning Method: Tank removal

Sample Results: Leaking – Reported 7/25/25

3.3 Groundwater Delineation Boring Location Rationale

The boring locations were chosen based on the previous sampling and in accordance with locations approved by the DEQ.

3.4 Initial Drilling and Sampling Activities

Field investigation and drilling activities were conducted under the supervision of Mr. Tyler Gass, staff geologist and UST Supervisor for Alpha. Work was reviewed by Jim Cooper, R.G. senior geologist for Alpha. The subsurface sampling for groundwater consisted of the advancement of four borings advanced by Cascade Drilling using a track-mounted direct-push drill rig on October 6, 2025.

Temporary 1-inch diameter PVC groundwater wells were installed by Cascade using expendable drill points (i.e. a solid pointed drill tip attached to the drilling stem that is advanced down the hole and left in place when the drilling rods are retracted) to reach the depth of groundwater. The PVC well casing is lowered through the annular space inside the drilling rods and then the drill rods are removed. The temporary wells were slotted between 10 to 20 feet. No soil samples were collected from these borings.

The groundwater samples were placed in laboratory-provided glass jars and placed in a cooler on ice. The soil 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 initial analyzed by test method NWTPH-HCID) and EPA Test Method 8260 RBDM VOCs. Samples were also analyzed by NWTPH-Dx (quantifies diesel and oil range petroleum hydrocarbons).

Borings were abandoned in accordance with Oregon Department of Water Resources (WRD) requirements by filling with bentonite chips. The surface was repaired to closely match the existing surface.

3.5 Subsequent Drilling and Sampling Activities

Field investigation and drilling activities were conducted under the supervision of Mr. Matt Holmstrom, staff geologist and UST Supervisor for Alpha. Work was reviewed by Jim Cooper, R.G. senior geologist for Alpha. The subsurface sampling for soil and groundwater consisted of the advancement of one boring advanced by Alpha using a hand driven GeoProbe sampler on November 11, 2025.

Soil samples were collected using a single-use thin-walled polyethylene tube inserted inside a stainless-steel sampling tube.

Soil lithology was observed and logged by slicing the disposable sample tube along the longitudinal axis. Soil samples were field screened for visual and olfactory signs of petroleum contamination. The soil samples from the investigation were obtained directly from direct-push disposable liners. The liners were split open along the longitudinal axis and laid open for visual observation. Any obviously impacted soil was placed directly into both laboratory-provided jars using new disposable nitrile gloves. A new set of gloves was donned after any sample handling and between each interval of sample collected.

A temporary 1-inch diameter PVC groundwater well was installed by Alpha. The temporary well was slotted between 10 to 15 feet.

The soil and groundwater samples were placed in laboratory-provided glass jars and placed in a cooler on ice. The soil 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 analyzed by test method NWTPH-Dx , EPA Test Method 8270 Polycyclic Aromatic Hydrocarbons (PAHs) and EPA Test Method 6020 Total and TCLP Metals.

Borings were abandoned in accordance with Oregon Department of Water Resources (WRD) requirements by filling with bentonite chips. The surface was repaired to closely match the existing surface.

3.6 Initial Soil-Gas Sampling

The soil-gas samples were collected from temporary test points using Section 3.2.1 of DEQs *Guidance for Assessing and Remediating Vapor Intrusion in Buildings, 2010*. EPA Method TO-15 was used to analyze the soil-gas samples. A total of four sub-slab soil-gas samples and one outdoor soil vapor were collected on the Property.

For sub-slab samples, a roto-hammer was utilized to drill to just below the concrete slab. A dedicated, single-use gas vapor probe (GVP) point was inserted into the hole and sealed using a sand pack at the base and hydrated bentonite at the surface. The seal and borehole were given approximately 30 minutes of equilibration time before the purging process was performed. The purging process was performed using a hand-operated calibrated syringe. A total of approximately three purge volumes of air were slowly purged out of the system. The 1-liter Summa canister was then connected to the sampling train using disposable Teflon® tubing. A leak check was performed using a vacuum pump to determine if leaks were present in the sampling train. Isopropyl alcohol was applied to sampling train connection areas and floor seal during the sample collection.

For the outdoor vapor sample, a Post Run Tubing (PRT) system was utilized. A 1.5" diameter Geoprobe tip and rod was advanced using a jackhammer. After reaching the desired depth, the technician disengaged the expendable drive point. The rod was retracted approximately 4 inches to 6 inches using a rod jack to create a void in the soil. A point popper was inserted into rods and push through base of expendable point holder to verify disengagement of expendable drive point. The PRT adapter end was attached to tubing down the center of the probe rods and down the rod until it hit bottom on the expendable point holder. The excess tubing was used to thread the PRT adapter on the expendable point holder and "O" ring seal. The connection was tested by lightly pulling up on the tubing. Hydrated bentonite was placed around the exterior of the rod at the ground

surface. A 1-liter Summa canister was then be connected to the sampling train using the tubing from the PRT system. An initial leak check was performed on the sampling train (excluding the downhole point) using a vacuum pump to determine if leaks are present. An additional leak check was performed to determine if leaks were present during the test using isopropyl alcohol. The leak check compound will be applied at each location where ambient air could enter the sampling system. The leak detection towels will be left in place for the entire duration of the sample collection. The Summa canister will be equipped with flow regulators set to approximately 200 ml/minute.

3.7 Subsequent Soil-Gas Sampling

For the Vapor Point samples, a roto-hammer was utilized to drill small diameter holes in the concrete floor. A dedicated, stainless-steel Vapor Point with disposable Vapor Pin Sleeve was installed in the hole. The borehole was given a minimum of 30 minutes of equilibration time before the purging process is performed. A 1-liter Summa canister was then be connected to the sampling train using the tubing. A initial leak check was performed on the sampling train (excluding the downhole point) using a vacuum pump to determine if leaks are present. An additional leak check was performed to determine if leaks were present during the test using isopropyl alcohol. The leak check compound was applied at each location where ambient air could enter the sampling system or where cross contamination could occur. These areas included: the base of the tubing at the ground surface, the connection from the soil-gas probe to the sampling line, and any connections within the sampling line. The leak detection towels were left in place for the entire duration of the sample collection. The Summa canisters will be equipped with flow regulators set to approximately 200 ml/minute. On completion of the sampling, flush mount caps were installed over the Vapor Pins to allow for future sampling if necessary.

Each vapor sample was analyzed for the leak detection compound of 2-propanol. Since the Oregon DEQ does not have specific guidance for evaluating 2-propanol, Alpha used guidance from the New Jersey Department of Environmental Protection (NJDEP). According to Section H.3.3.5 Liquid Tracers, NJDEP, 2018, a 0.1% leak of ambient air into the sample canister would conservatively equate to a detection of 100,000 µg/m³ of 2-propanol. Laboratory analysis of the samples collected indicate the maximum detection of 2-propanol was 5,430 µg/m³. These reported tracer gas concentrations are well below the recommended 100,000 µg/m³ threshold for a 0.1% leak.

3.8 Field Investigation Summary

Event	Date	Scope	Significant Findings
1	7/24/25	Tank Decommissioning	Tank found to be leaking. Maximum oil detection in soil of 5,460 ppm.
2	10/06/25	4 groundwater borings	No detections in the groundwater samples.
3	10/10/25	4 sub-slab soil vapor samples 1 outdoor soil vapor sample	1,3-Butadiene, exceeded RBCs in two of the samples SV1 and SS2.
4	11/11/25	2 sub-slab soil Vapor Pin samples 1 soil and 1 groundwater sample	All soil vapor analytes are below the RBCs. Maximum oil detection in soil of 1,110 ppm and in groundwater 2,760 ppb.

4.0 QUALITY ASSURANCE & QUALITY CONTROL

For the project, Alpha comply with the DEQ's Quality Assurance Project Plan (QAPP) for Preliminary Assessments, DEQ05-LQ-069-QAPP, Version 2.2 dated August 14, 2012 or the Underground Storage Tanks Programs, DEQ02-LQ-0002-QAPP, Version 3.1, dated June 20, 2016.

4.1 Field Equipment & Decontamination

Disposable field equipment used for this project include nitrile gloves, plastic spoons, drill core liners, Terra Core™ samplers and Ziplock bags. Reusable field equipment included a soil cutting knife.

Decontamination of Alpha supplied reusable field equipment included manual removal of particles, wash with Alconox solution, rinse with tap water, wash with Alconox solution and rinse with distilled water. In between each boring, the driller rinsed all sample tubing, cutting bits, etc. with a hot water pressure rinse.

4.2 Sample Collection

Soil samples from the investigation were collected directly from direct-push disposable liners. For samples collected for gasoline/ 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 in order to minimize the loss of VOCs due to volatilization.

Groundwater samples from the investigation were collected directly from temporary PVC wells using a low flow peristaltic pump (approximately 50 to 100 ml/min) and disposable polyethylene tubing. Prior to sampling, each well was purged of approximately 3 volumes of water and allowed to stabilize for approximately 30 minutes. Groundwater samples were collected from approximately 10 to 15 feet. The groundwater samples were dispensed directly into appropriate laboratory provided containers.

4.3 Sample Identification

Soil sample containers were labeled with the project name and number, the time of sampling, sampler's initials, sample designation and date. The chain of custody was completed, placed in a Ziplock bag and put to the cooler.

4.4 Field Duplicates

Field duplicates were collected at a rate of 1 per 20 analytical samples for each matrix sampled, where applicable. The field duplicate for the groundwater sample was collected from the temporary monitoring well (Boring B2) after the collection of the initial sample. The field duplicate for the sub-slab vapor sample was collected from SS-2.

The initial and duplicate sample for the groundwater samples were both non-detect.

Duplicate analysis on select analytes (benzene, ethylbenzene and 1,2,4-trimethylbenzene) for the vapor samples indicates and RPD of 58%, 35% and 13%, respectfully.

4.5 Sample Transport

The samples were packed in reusable ice with an appropriate temperature blank(s), which consisted of a 100-ml polyethylene bottle filled with clean water.

Containers were placed upright in the cooler and cushioned by bubble wrap. Ice packets were placed around and on top of the sample containers. The samples were transported by the geologist to Alpha's personnel



protected sample refrigerator. A courier from Apex picked the samples up directly from Alpha's designated sample refrigerator and delivered the samples to Apex Laboratories in Tigard, Oregon. Delivery occurred within 24 hours of sampling and samples were kept refrigerated and/ or on ice during storage and transport.

Samples were handled under chain-of-custody protocol in which the custody form was signed and dated by the Alpha personnel. Upon pickup of the samples, personnel at Apex Laboratories examined and recorded the condition of the sample containers, signed the custody form, and transferred the samples to their coolers. A completed copy of the chain-of-custody form is included at the end of the laboratory analytical report.

Soil-gas sample canisters were labeled with the project name and number, the time of sampling, sampler's initials, sample designation and date. The quality control procedures for the assessment also included the use of nitrile gloves during assembly and disassembly. The regulator flow rates for the Summa canisters are set by the laboratory before shipping and re-checked upon return. Field notes were used to record the test start and end times, flow rates, and other pertinent field information.

Samples were handled under chain-of-custody protocol in which the custody form was signed and dated by the Alpha personnel. Upon receipt of the samples, personnel at Pace Laboratories inspected and recorded the condition of the sample canisters and signed the custody form. A copy of the completed chain-of-custody form is included at the end of the laboratory analytical reports (Appendix B).

5.0 SAMPLE ANALYTICAL RESULTS

5.1 Soil Findings

Tank Decommissioning

Petroleum

The NWTPH-HCID analytical results indicate that oil range hydrocarbons were detected in Sample SF(IT)-78” and diesel/oil range hydrocarbons in Sample N(IT)-78”. Follow up analysis by NWTPH-Dx indicates oil range detections of 5,460 ppm in Sample SF(IT)-78” and 890 ppm in Sample N(IT)-78”.

VOCs

The VOC analytical results indicate that low concentrations of naphthalene, n-Propylbenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene and xylenes were detected in Sample SF(IT)-78”. All concentrations are below the applicable RBCs, except for leaching to groundwater.

PCBs

The analytical results indicate that no PCBs were detected.

Metals

The analytical results indicate that low concentrations of cadmium and chromium were detected in Sample SF(IT)-78”. All concentrations are below the applicable RBCs.

November 11, 2025

The analysis by NWTPH-Dx of Boring B5 indicates diesel range detections of 356 ppm (reported by the laboratory to be overlap from the oil range) and oil range detections of 1,110 ppm.

A summary of the results for the soil analysis is presented in Tables 1 to 4. Laboratory analytical reports are included as Appendix B.

Table 1 - Soil Sample Analytical Results – Petroleum

Sample	Date	Location of Sample	Sample Depth in Feet	Petroleum		
				Gasoline	Diesel	Heavy Oil
				mg/kg	mg/kg	mg/kg
S1	7/24/25	Piping Sample	1.5	ND<20.4	ND <51.0	ND <102
SF(IT)-78”	7/24/25	South end of waste oil tank	6.5	ND<118	ND<219	5,460
N(IT)-78”	7/24/25	North end of waste oil tank	6.5	ND<21.6	ND<18.4	890
B5	11/11/25	South end of waste oil tank	6	-	ND<98.2	2,760
DEQ Risk-Based Concentrations						
Leaching to Groundwater (Occupational Use)				130	>Max	>Max
Dermal Contact (Construction Worker)				9,700	4,000	11,000
Dermal Contact (Excavation Worker)				>Max	>Max	>Max

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)

VOC Results

The VOC analytical results indicate that low concentrations of naphthalene, n-Propylbenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene and xylenes were detected in Sample SF(IT)-78". All concentrations are below the applicable RBCs, except for leaching to groundwater for naphthalene.

A summary of the results for the soil analysis is presented in Table 2. Laboratory analytical reports are included as Appendix B.

Table 2 – Soil Sample Analytical Results –VOCs

Boring Number and Depth	VOCs				
	Xylenes	Naphthalene	n-propylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SF(IT)-78"	0.51	1.92	0.106	1.02	0.244
DEQ Risk-Based Screening Levels					
Leaching to Groundwater	100	0.34	>Csat	48	53
Direct Contact (Const.Worker)	20,000	580	>Csat	2,900	2,900
Direct Contact (Execv.Worker)	560k	16,000	>Csat	81,000	81,000

ND = Analyte Not Detected at or above laboratory reporting limit (See Laboratory Report) All reporting limits are below the RBCs.

>Csat = This soil RBC exceeds the limit of the three-phase equilibrium partitioning.

1.92 = Exceeds Leaching to Groundwater RBC

Metals

The analytical results indicate that low concentrations of cadmium and chromium were detected in Sample SF(IT)-78". All concentrations are below the applicable RBCs. Background metals report are from the South Willamette Valley area. A summary of the results for the soil analysis is presented in Table 3.

Table 3 - Sample Analytical Results - Metals

	SF(IT)-78"	B5	B5 (TCLP)	Back-ground Metals	DEQ Occupational Risk Levels
Depth bsg (feet)	6.5	6	6	-	-
	Result mg/kg	Result mg/kg	Result mg/l	mg/kg	mg/kg
Cadmium	0.722	ND<0.230	ND<0.100	1.6	78
Chromium	12.6	16.1	ND<0.100	100	120,000
Lead	-	32.5	ND<0.0500	28	800

ND = Analyte Not Detected at or above laboratory reporting limit

mg/kg = milligram per kilogram or parts per million (ppm)

PAH Results

The PAH analytical results indicate that low concentrations of several PAHs were detected in the sample from Boring B5. All concentrations are below the applicable RBCs.

A summary of the results for the soil analysis is presented in Table 4. Laboratory analytical reports are included as Appendix B.

Table 4 – Soil Sample Analytical Results - PAHs

	B5@6'	Leaching to Groundwater	Direct Contact (Occupational)	Direct Contact (Construction Worker)
Analyte	Result mg/kg	mg/kg	mg/kg	mg/kg
Acenaphthene	ND	>Csat	70,000	21,000
Acenaphthylene	ND	-	-	-
Anthracene	ND	>Csat	350,000	110,000
Benzo(a)anthracene	0.0806	>Csat	21	170
Benzo(a)pyrene	0.0395	>Csat	2.1	17
Benzo(b)fluoranthene	0.0536	>Csat	21	170
Benzo(K)fluoranthene	ND	>Csat	210	1,700
Benzo(g,h,i)perylene	0.0737	-	-	-
Chrysene	0.0633	>Csat	2,100	17,000
Dibenz(a,h)anthracene	ND	>Csat	2.1	17
Fluoranthene	0.826	>Csat	30,000	10,000
Fluorene	ND	>Csat	47,000	14,000
Indeno(1,2,3-cd)pyrene	ND	>Csat	21	170
Naphthalene	0.124	0.34	23	580
Phenanthrene	0.106	-	-	-
Pyrene	0.145	>Csat	23,000	7,500

ND = Analyte Not Detected at or above laboratory reporting limit (See Laboratory Report) All reporting limits are below the RBCs.

5.2 Groundwater Findings

The groundwater analytical results indicate that gasoline, diesel or oil were not detected in any of the borings, except for the area immediately adjacent to the south end of the tank (Boring B5).

A summary of the results for the soil analysis is presented in Table 5. Laboratory analytical reports are included as Appendix B.

Table 5 – Groundwater Sample Analytical Results – Petroleum

Sample	Date	Location of Sample	Sample Depth in Feet	Petroleum		
				Gasoline	Diesel	Heavy Oil
				ug/l	ug/l	ug/l
B1	10/6/25	East edge of property	10	ND<101	ND <253	ND <253
B2	10/6/25	North edge of property	10	ND<98	ND <245	ND <245
B2-Dup	10/6/25	North edge of property	10	ND<102	ND <255	ND <255
B3	10/6/25	West edge of property	10	ND<99	ND <248	ND <248
B4	10/6/25	South of waste oil tank	10	ND<100	ND <250	ND <250
B5	11/11/25	South end of waste oil tank	10	-	ND<79.2	1,110
DEQ Risk-Based Concentrations						
Leaching to Groundwater (Occupational Use)				130	>Max	>Max
Dermal Contact (Construction Worker)				9,700	4,000	11,000
Dermal Contact (Excavation Worker)				>Max	>Max	>Max

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)

5.3 Soil-Gas Findings

On October 10, 2025, Alpha collected one soil vapor sample from the parking lot and four sub-slab samples from inside the buildings. Samples SS1 to SS3 were collected in the main building and SS4 was collected in the Heatpump store building.

The laboratory analytical results indicate that several VOCs and Total Petroleum Hydrocarbons (TPH) were detected in samples. The detected concentrations were compared to the DEQ RBCs and the concentrations of 1,3-Butadiene in Sample SV1 (18.2 $\mu\text{g}/\text{m}^3$) and SS2 (31.6 $\mu\text{g}/\text{m}^3$) exceeded the Vapor Intrusion into Buildings RBCs for occupational receptors of 14 $\mu\text{g}/\text{m}^3$; however, the duplicate sample for SS2 DUP (12.2 $\mu\text{g}/\text{m}^3$) did not exceed the RBCs.

It was suspected that the 1,3-Butadiene may have been a relic of the sampling point installation. Because of this, on November 11, 2025, two additional samples (VP1 and VP2) were collected in the vicinity of SS2. The two new sample locations used semi-permanent Vapor Pins. The concentrations of 1,3-Butadiene in Sample VP1 (1.39 $\mu\text{g}/\text{m}^3$) and VP2 (Non-Detect) are well below the RBCs of 14 $\mu\text{g}/\text{m}^3$. Based on the new sampling information, 1,3-Butadiene does not appear to be a contaminant of concern.

A summary of the results for the soil vapor analysis is presented in Table 6. Only analytes that had a detection and have a corresponding RBC, are in the table below. The complete laboratory analytical report is included as Appendix B.

Table 6 – Soil Vapor Sample Analytical Results

	<i>SV1</i>	<i>SSI</i>	<i>SS2</i>	<i>SS2 Dup</i>	<i>SS3</i>	<i>SS4</i>	<i>VP1</i>	<i>VP2</i>	<i>RBC_{sv}</i> <i>(Occupational)</i>
Depth bsg (feet)	5'	Sub-Slab	-						
Date	10-10-25	10-10-25	10-10-25	10-10-25	10-10-25	10-10-25	11-11-25	11-11-25	
	Result µg/m3	µg/m3							
Benzene	30.7	1.10	36.1	19.9	1.62	0.735	1.51	ND	52
1,3-Butadiene	18.2	ND	31.6	12.2	ND	0.394	1.39	ND	14
Cyclohexane	28.4	1.02	2.66	1.40	2.60	5.44	ND	4.10	880,000
Ethylbenzene	66.8	0.845	8.28	5.81	2.21	0.442	0.845	1.38	160
Dichlorofluoromethane	2.63	2.48	2.85	2.45	2.61	2.45	2.01	1.87	15,000
Heptane	53.6	1.05	8.22	4.02	2.73	1.53	ND	1.98	58,000
n-Hexane	38.8	2.54	8.00	3.56	2.43	1.39	1.21	7.65	100,000
Isopropyl benzene (Cumene)	6.00	ND	4.65	3.56	ND	ND	ND	ND	58,000
Methylene Chloride	1.25	14.3	1.45	ND	1.58	0.736	ND	25.6	41,000
Methyl Ethyl Ketone (2-Butanone)	70.8	5.34	108	104	4.57	4.36	34.2	4.63	730,000
2-Propanol	109	5,140	5,430	5,140	740	1,280	80.1	65.4	Leak Detection Compound
Styrene	1.02	0.651	5.53	5.32	1.05	ND	ND	1.11	150,000
Tetrachloroethylene	3.80	9.84	2.18	3.45	0.910	ND	ND	ND	1,600
Toluene	315	5.35	50.1	30.4	34.1	3.33	2.50	13.0	730,000
1,2,4-Trimethylbenzene	118	2.69	53.5	49.6	2.68	1.44	19.5	2.20	8,800
1,3,5-Trimethylbenzene	8.78	0.707	25.0	21.5	0.879	0.486	6.92	0.638	8,800
Xylenes	377	4.35	35.5	26.1	9.14	2.98	3.94	6.75	15,000
TPH	2,230	309	8,140	6,320	321	334	2,170	ND	40,000

ND = Analyte Not Detected at or above laboratory reporting limit (See Appendix A for reporting limits). All reporting limits are below the RBCs.

µg/m3 = microgram per meter cubed

18.2 = Exceeds Vapor Intrusion into Building RBC

RBCsv = Soil-Gas risk-based concentration for Vapor Intrusion into Buildings – Occupational & Residential Pathway. Only analytes with RBCs are listed above, for a complete list, see Appendix B.

5.4 Fixed Gas Readings

After installation of the soil vapor points, fixed gases including oxygen, carbon dioxide and methane were measured using a GEM 5000 landfill gas meter. A summary of the fixed gas measurements is presented in Table 7.

Table 7 – Fixed Gases

	<i>SVI</i>	<i>SSI</i>	<i>SS2</i>	<i>SS2 Dup</i>	<i>SS3</i>	<i>SS4</i>	<i>VPI</i>	<i>VP2</i>
Depth bsg (feet)	5'	Sub-Slab	Sub-Slab	Sub-Slab	Sub-Slab	Sub-Slab	Sub-Slab	Sub-Slab
Date	10-10-25	10-10-25	10-10-25	10-10-25	10-10-25	10-10-25	11-11-25	11-11-25
Time	10:36	11:30	11:57	-	12:35	1:10		
	%	%	%	%	%	%	%	%
Oxygen	21.1	20.8	20.8	-	20.2	20.9	20.7	20.9
Carbon Dioxide	0.1	0.4	0.1	-	0.3	0.1	0.1	0.2
Methane	0.0	0.1	0.0	-	0.0	0.0	0.0	0.0

5.5 Weather Data

Weather conditions can cause temporal differences in how soil vapors react that can affect vapor intrusion. Historical weather data for two days prior to the sampling event, the day of the sampling event and one day following the sampling events is presented below.

Table 8 – Weather Data

Sub-Slab Sampling Event				
Date	10-8-25	10-9-25	10-10-25	10-11-25
Precipitation (past 24 hours)	0.00	0.00	0.08	0.08
Max. Wind Speed (mph)	10	8	10	13
High Temperature	57	61	61	58
Low Temperature	48	43	51	50
Sea Level Pressure	29.64	29.74	29.67	29.80
Vapor Point Sampling Event				
Date	11-9-25	11-10-25	11-11-25	11-12-25
Precipitation (past 24 hours)	0.00	0.00	0.00	0.00
Max. Wind Speed (mph)	5	9	12	6
High Temperature	61	59	52	57
Low Temperature	39	42	49	50
Sea Level Pressure	30.00	30.03	30.02	29.67

6.0 RISK-BASED EVALUATIONS

6.1 Conceptual Site Models

A conceptual site model (CSM) describes the known or suspected sources of contamination, considers how the contaminants are likely to migrate (pathways), and identifies who is likely to be affected by the contaminants (receptors). In order for risk to be present at the site, a source must be present, a pathway must be complete and a receptor must be present. The risk is evaluated for each contaminant of interest (COI) in order to determine whether risk is present at a site. Current conditions as well as anticipated future conditions are considered when developing the CSM.

6.2 Expected Future Use of the Site

The future use of the subject property, currently zoned commercial, and based on site uses in the area, is not likely to change for the foreseeable future.

6.3 Conceptual Site Model Summary

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.

TABLE 9 - Conceptual Site Model Risk Table

Pathway	Receptor	Applicable RBC?	Risk from this Pathway	Basis for selection/exclusion
SOURCE: TANK; CURRENT AND FUTURE LAND USE: COMMERCIAL; IMPACTED MEDIUM: SOIL & GROUNDWATER				
SOIL				
Ingestion, dermal contact, and inhalation	Residential	No	No	No residential use onsite
	Occupational	Yes	No	Detections are below the RBCs
	Construction worker	Yes	No	Detections are below the RBCs
	Excavation worker	Yes	No	Detections are below the RBCs
Volatilization to outdoor air	Residential	No	No	No residential use onsite
	Occupational	Yes	No	Detections are below the RBCs
Vapor intrusion into buildings	Residential	No	No	No residential use onsite
	Occupational	Yes	No	Detections are below the RBCs
Leaching to groundwater	Residential	No	No	No residential use onsite. City water is provided
	Occupational	Yes	No	
GROUNDWATER				
Ingestion and inhalation from tap water	Residential	No	No	City water is provided
	Occupational	No	No	
Volatilization to outdoor air	Residential	No	No	No residential use onsite
	Occupational	Yes	No	Detections are below the RBCs
Vapor intrusion into buildings	Residential	No	No	No residential use onsite
	Occupational	Yes	No	Detections are below the RBCs
Groundwater in excavation	Construction/excavation worker	Yes	No	Detections are below the RBCs

6.4 Contaminant Concentrations

As noted above, the contaminants identified at the site are petroleum products as oil range hydrocarbons and related VOC and PAH constituents. Concentrations in soil, groundwater and vapor do not exceed the applicable RBCs

6.5 Human Health Risk

The following Contaminants of Potential Concern (COPCs) were identified for the applicable soil exposure pathways.

Soil:

Soil ingestion, dermal contact, and inhalation: Petroleum was detected, but at concentrations below applicable screening levels for occupational receptors and construction and excavation workers.

Visual observations in the upper 3 feet of soil did not indicate petroleum impacts from this depth interval. Field observations and soil results are consistent with a below ground tank release. Based on these factors, the occupational direct contact risk does not appear to be applicable.

Groundwater:

Groundwater samples indicate that groundwater has not been significantly impacted and there does not appear to be a vapor intrusion risk from groundwater. The drinking water is supplied by the municipal system.

Volatilization to Outdoor Air:

The Volatilization to Outdoor Air Pathway is complete; however, based on the relatively low sub-slab vapor samples results and outdoor risk is unlikely to exist.

Vapor Intrusion into Buildings:

Based on the initial testing, two samples (SV1 and SS2) exceeded the RBCs for 1,3-Butadiene. The area inside the building was retested and all results are well below the RBCs. Based on the most recent testing, the exceedance of 1,3-Butadiene was likely an artifact of drilling. The sample results indicate a vapor intrusion condition is not likely to exist.

6.6 Ecological Receptors

The nearest major surface water in the vicinity of the Property is Ash Creek located 0.35 miles northeast from the property. Based on the intervening distance and site uses surrounding the property no ecological risk is anticipated.

7.0 FINDINGS, CONCLUSIONS, RISK EVALUATION AND RECOMMENDATIONS

Alpha has conducted the Site Investigation for the Property. The assessment was performed in accordance with the agreed-upon scope of services. The assessment followed the standard practice for conducting Environmental Site Assessments from the ASTM Standard E1903-19 and DEQ Site Assessment regulations. Based on the evaluation of the current findings of this assessment, the following findings, conclusions and recommendations have been developed.

7.1 Findings

Summary of Tank Decommissioning

- Oil range hydrocarbons were detected at both ends of the former waste oil tank.
- The highest detected concentration of oil was at the south end of the tank, 5,460 ppm in Sample SF(IT)-78”.
- Low concentrations of VOCs were detected in Sample SF(IT)-78”. All concentrations are below the applicable RBCs, except for leaching to groundwater for naphthalene.
- TCLP results for cadmium, chromium and lead are all non-detect.
- Low concentrations of several PAHs were detected in the sample from Boring B5. All concentrations are below the applicable RBCs.
- No PCBs were detected.
- Visual observations and Sample S1 in the upper 3 feet of soil did not indicate petroleum impacts from this depth interval. Field observations and soil results are consistent with a below ground tank release. Based on these factors, the occupational direct contact risk does not appear to be applicable.

Summary of Groundwater Findings

- The groundwater analytical results indicate that gasoline, diesel or oil were not detected in any of the borings, except for the area immediately adjacent to the south end of the tank (Boring B5).

Summary of Soil-Vapor Findings

- Several VOCs and Total Petroleum Hydrocarbons (TPH) were detected in soil-vapor samples. The concentrations of 1,3-Butadiene in Sample SV1 (18.2 µg/m³) and SS2 (31.6 µg/m³) exceeded the RBCs. It was suspected that the 1,3-Butadiene may have been a relic of the sampling point installation, so two additional samples (VP1 and VP2) were collected in the vicinity of SS2. The concentrations of 1,3-Butadiene in Sample VP1 (1.39 µg/m³) and VP2 (Non-Detect) are well below the RBCs of 14 µg/m³. Based on the new sampling information, 1,3-Butadiene was likely an artifact and does not appear to be a contaminant of concern.
- No other VOCs or TPH exceeded the applicable RBCs

7.2 Conclusions

Soil

Oil impacts in the soils appear to be isolated around the area of the tank pit and with concentrations below the RBCs. No impacted soil within 3 feet of the surface.

Groundwater

Petroleum impacts were not encountered in any of the wells around the perimeter of the Property. Groundwater impacts appear to be restricted to the immediate area around the former tank.

Vapors

Vapors do not appear to exist in significant concentrations to be a risk to site occupants.

7.3 Risk Evaluation

Based on the soil, groundwater and vapor testing, no environmental conditions were encountered at the Property that could pose an adverse risk to site occupants or future workers.

7.4 Recommendations

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

Based on the analytical results and comparison with current DEQ RBCs, it is our opinion that the site is a candidate for an NFA determination by the DEQ.

Basis for NFA recommendation:

- Near surface impacts (less than 3 feet) do not appear to be present as the release was from an underground storage tank.
- The concentrations of petroleum and VOCs in soils greater than three feet are below all RBCs, except leaching to groundwater.
- Groundwater at the site is not used and any potential impacts are limited to the area around the former tank.
- The investigation indicates site impacts are relatively localized.
- Vapors are not a significant risk to site occupants.
- The area in the vicinity of the Property is supplied by the municipal water system.

8.0 LIMITATIONS & USE RELIANCE

The investigation considered the past activities and operations conducted on the Property and adjacent properties to identify the potential for releases to have occurred or other reasons to conclude that there is a presence or likely presence of substances relevant to the objectives of the investigation. Alpha makes every attempt to fulfill the user's objectives which dictate the thresholds of concern or confidence desired in the conclusions to be derived from this assessment.

There is a possibility that, even with the proper application of these methodologies, there may exist at the Property conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. The methodologies of this assessment are not intended to produce all inclusive or comprehensive results, but rather to provide the client and interested parties with an indication of subsurface environmental conditions in specifically targeted areas of the property at this time.

8.1 Limitations and Exceptions

In preparing the investigation sampling plans and reports, Alpha has relied upon certain information and representations contained in the historical documents provided to Alpha and the verbal statements of other consultants, field data (soil/groundwater) and additional information provided to Alpha. Therefore, this report is limited to the conclusions drawn based on information obtained and assumptions made during the review process and analytical results for this investigation.

Alpha relied upon the information and did not attempt to independently re-verify its accuracy or completeness, except as discussed. Potential inconsistencies or omissions of a nature that might call into question the validity of the information were not detected. To the extent that the conclusions in this report are based in whole or in part on such information, they are contingent on its validity. Alpha assumes no responsibility for any consequence arising from any information or condition that was concealed, withheld, misrepresented, or otherwise not fully disclosed or available to Alpha.

Within the limitations of the agreed-upon scope of services or the time and budgeting restraints imposed by the client, this investigation has been undertaken and performed in a professional manner, in accordance with generally accepted engineering practices, using the degree of skill and care ordinarily exercised by reputable environmental consultants under similar circumstances. No representations or warranties are made concerning the nature or quality of the air, soil, water, building materials, or any other substance on the Property (including the potential for any substance to migrate into a structure), other than the immediate subject sampling areas as stated in this report. The investigation is a screening and is not intended to be a definitive investigation of existing or potential adverse environmental impacts; thus, it is possible that such an impact exists on the Property or adjacent properties, but was not identified during the investigation. The investigation is not intended to satisfy the level of inquiry that may be necessary to support remedial solutions for a site. Conclusions in this report represent professional judgments based upon the information evaluated during the course of the assessment, not scientific certainties.

8.2 Use Reliance

This report has been prepared for the express use of the client, his representatives and the Oregon DEQ. The client and/or Users of this report and its legal counsel may release all or parts of this report to third parties; however, in using this report, such third parties agree that they shall have no legal recourse against Alpha or its parent or subsidiaries, and shall indemnify and defend Alpha from and against all claims arising out of or in conjunction with such use or reliance. This report does not constitute legal advice. In addition, Alpha makes no determination or recommendations regarding the decision to purchase, sell, or provide financing for this Property.

9.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Alpha is providing the client with the results of our investigation for the Property. Alpha completed the investigation of the Property in a professional manner according with generally accepted engineering practices, using the degree of skill and care ordinarily exercised by reputable environmental consultants under similar circumstances.

The environmental consultants listed below exercised professional judgment based on knowledge of the manner in which releases commonly occur in connection with commercial or industrial activities and operations similar to those currently or historically conducted on or adjacent to the Property.

The consultants also possess applicable education, professional training, licensing and relevant experience to conduct the environmental investigation and other activities in accordance with the relevant standards and to develop opinions and conclusions regarding target analytes in the environmental media.

Alpha appreciates the opportunity to provide environmental services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact our office at 503-292-5346.



Jim Cooper, R.G.
Senior Geologist



ALPHA ENVIRONMENTAL SERVICES, INC.



10.0 REFERENCES

American Society for Testing and Materials, *Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process*, ASTM Designation: E 1903-19

New Jersey Department of Environmental Protection, Site Remediation and Waste Management Program, *Vapor Intrusion Guidance*, Version 4.1, January 2018.

Oregon DEQ, *Files from Public Records*.

State of Oregon Water Resources Department, Agency Resources, *Online Well Log Search and Groundwater Level Data*, accessed via website.

Walker, 1991. *Geological Map of Oregon*, United States Geological Survey, Walker, G.W. and MacLeod, N.S., 1991.

11.0 ACRONYMS

ASTM	American Society for Testing and Materials
bsg	below surface grade
COI	Contaminant of Interest
COPC	Contaminants of Potential Concern
CSM	Conceptual Site Model
DEQ	Department of Environmental Quality (Oregon)
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
ND	Not Detected At or Above Laboratory Reporting Limits
ppm	parts per million
ppb	parts per billion
PAHs	Polycyclic Aromatic Hydrocarbons
RBCs	Risk-based Concentrations
RBDM	Risk-based Decision Making
RCRA	Resource Conservation & Recovery Act
RECs	Recognized Environmental Conditions
TPH	Total Petroleum Hydrocarbons
VOCs	Volatile Organic Compounds
WRD	Water Resources Department (Oregon)

FIGURES:

**SITE OVERVIEW MAP
PREVIOUS SAMPLING MAP
SITE SAMPLING MAP**



LEGEND

 PROPERTY BOUNDARY

FIGURE 1: VICINITY MAP

1555 MONMOUTH STREET
INDEPENDENCE, OREGON 97351 .

NOTES

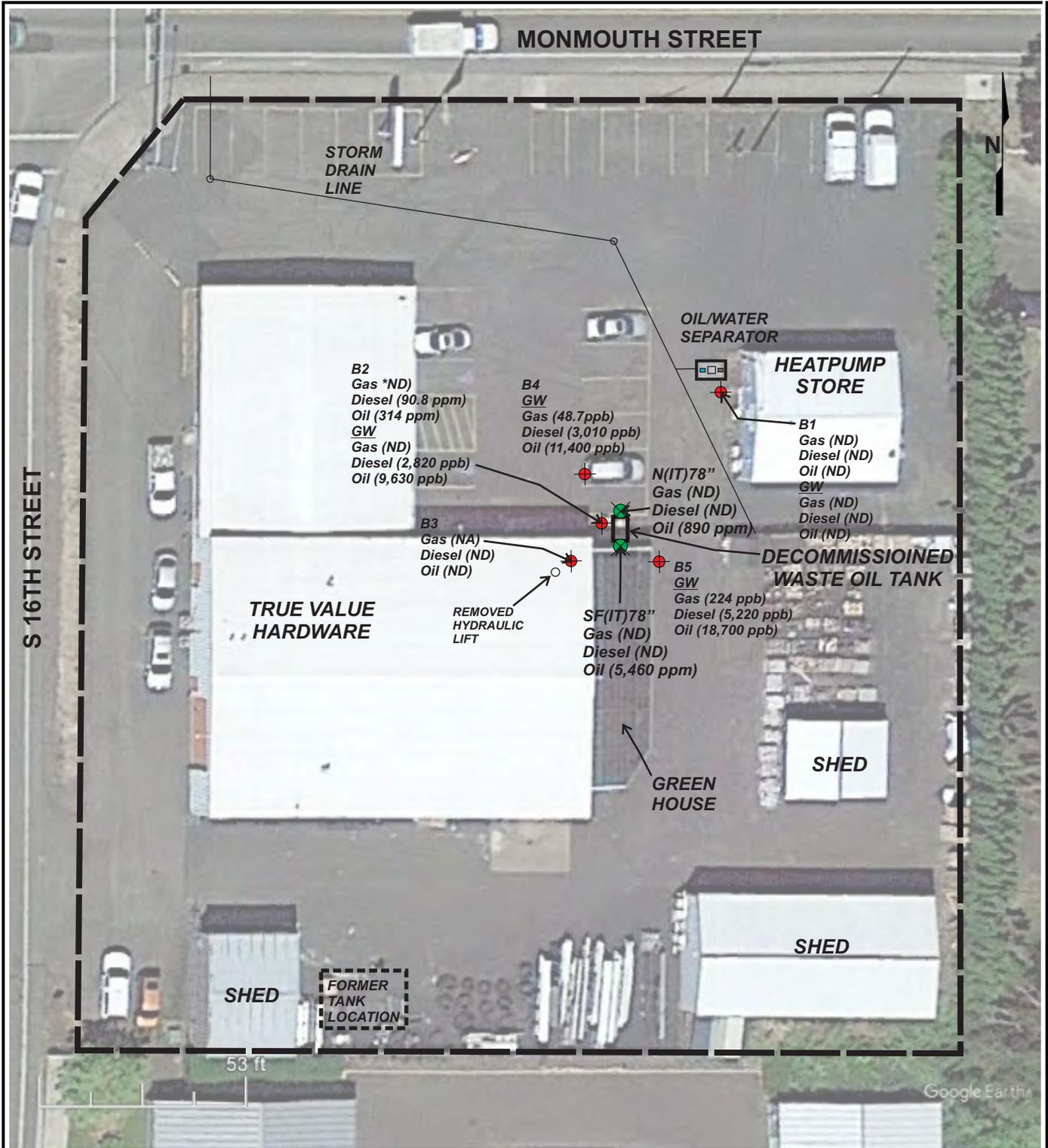
MAP SYMBOLS DENOTE LOCATIONS AND MAY NOT BE TO SCALE

GOOGLE MAPS BASE IMAGE MAY BE SKEWED BY SATELLITE POSITION

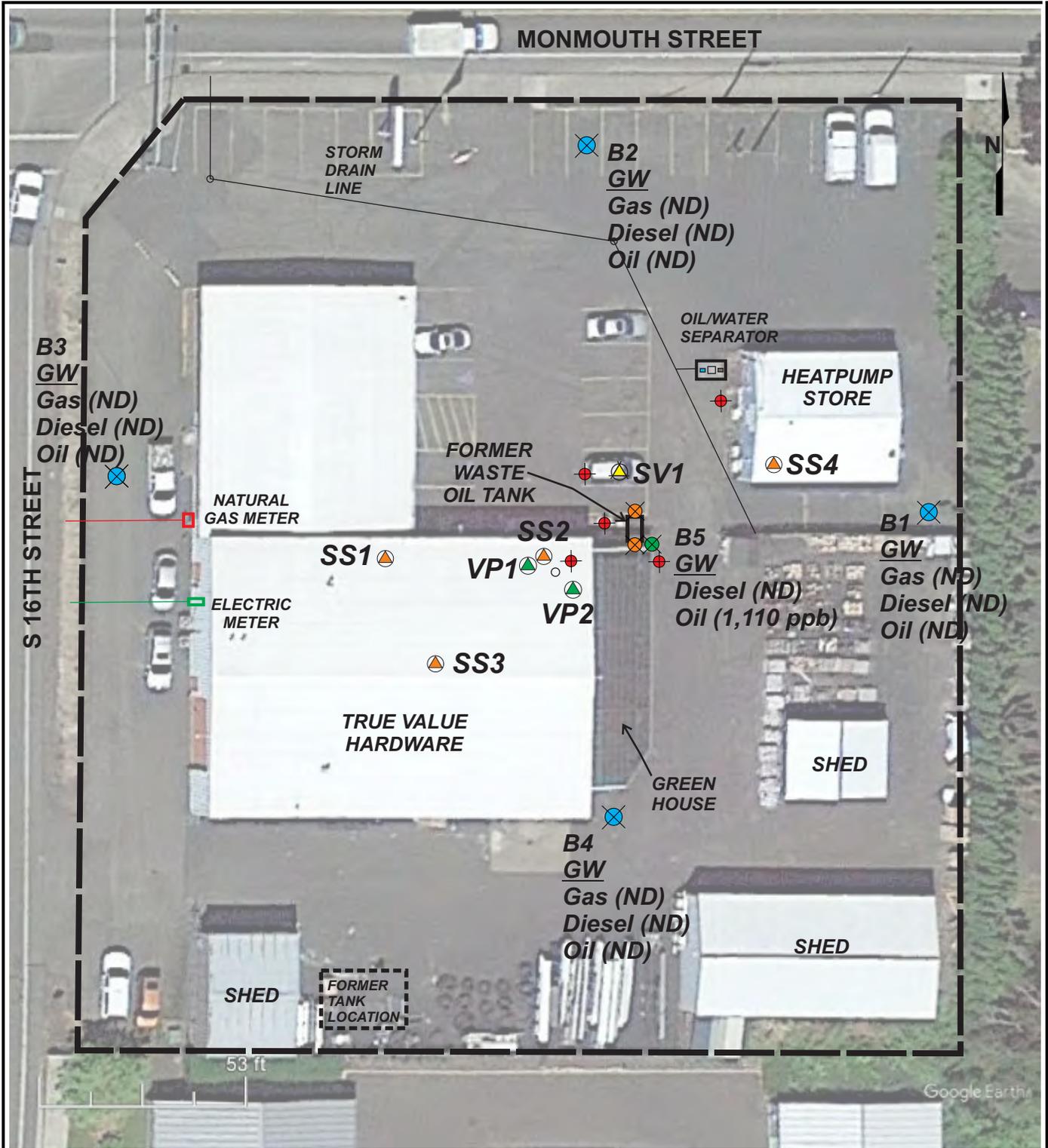


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PROJECT NO: 25-68929



<p>LEGEND</p>	<p>FIGURE 2: PREVIOUS SITE SAMPLING MAP</p>	
<p>▭ PROPERTY BOUNDARY</p> <p>● AEI SAMPLE LOCATIONS (2019 & 2025)</p> <p>⊗ WASTE OIL TANK SAMPLE LOCATION (JULY 2025)</p>	<p>1555 MONMOUTH STREET INDEPENDENCE, OREGON 97351</p>	
	<p>NOTES</p> <p>MAP SYMBOLS DENOTE LOCATIONS AND MAY NOT BE TO SCALE</p> <p>GOOGLE MAPS BASE IMAGE MAY BE SKEWED BY SATELLITE POSITION</p>	<p></p> <p>11080 SW ALLEN BVLD, STE 100 BEAVERTON, OREGON 97005 (503) 292-5346</p>
	<p>PROJECT NO: 25-68929</p>	



LEGEND	
	PROPERTY BOUNDARY
	AEI SAMPLE LOCATIONS (2019 & 2025)
	WASTE OIL TANK SAMPLE LOCATION (JULY 2025)
	GW SITE ASSESSMENT SAMPLE LOCATION
	SUB-SLAB VAPOR SAMPLE LOCATION
	SOIL VAPOR POINT SAMPLE LOCATION
	SEMI-PERMANENT SUB-SLAB VAPOR LOCATIONS
	SOIL & GROUNDWATER SAMPLE LOCATION

FIGURE 3: SITE SAMPLING MAP	
1555 MONMOUTH STREET INDEPENDENCE, OREGON 97351	
<p>NOTES</p> <p>MAP SYMBOLS DENOTE LOCATIONS AND MAY NOT BE TO SCALE</p> <p>GOOGLE MAPS BASE IMAGE MAY BE SKEWED BY SATELLITE POSITION</p>	 <p>11080 SW ALLEN BVLD, STE 100 BEAVERTON, OREGON 97005 (503) 292-5346</p>
PROJECT NO: 25-68929	



APPENDIX A:
GEOPHYSICAL SURVEY



UST Survey 1545-1555 Monmouth Street Independence, Oregon

A geophysical survey was conducted across the parking lot and exterior areas of the hardware store located at the address shown above, for Alpha. The scope of the survey was to detect possible underground storage tanks (USTs) across the survey area. One vent pipe attached to the main building was the only surface evidence of USTs seen across the survey area, shown in Figure 1. One of the objectives of this survey was to detect the tank that is possibly connected to this vent. A UST has been reportedly removed from the area adjacent to the building in the southwest corner of the property.

A Radio Detection TX3 transmitter was used to place a current on the vent pipe. The current was traced with an RD7200 receiver. The current and the pipe appear to extend to the southwest, inside the building, up to the first set of shelves. A GSSI SIR 4000 ground-penetrating radar (GPR) system connected to a 400-MHz antenna was used to collect radar profiles in the accessible areas near the terminus of the vent pipe. No reflections from suspicious objects were seen in the profiles.

After the investigation of the vent pipe, a Geometrics G864 cesium-vapor magnetometer was used to collect magnetic data across the survey area. Traverses were made along survey lines spaced every 5 feet. Figure 2 shows the resulting magnetic map. Data are contoured at an interval of 250 nT (nanoTesla). In the figure, magnetic anomalies higher in amplitude than the normal local magnetic background are shown in red and are usually found over areas where ferrous objects are located below the sensor, carried at a height of about 3 feet. USTs usually produce red-colored anomalies. Magnetic anomalies at or below the amplitude of the local magnetic field are shown in blue and are generally caused by ferrous objects located above the sensor. Buildings, fences, metal posts, and cars usually produce magnetic lows. Depending on their size and orientation, large, buried objects may produce both positive (red) and negative (blue) anomalies.

Several surface features and objects created magnetic interference, including the four buildings, an oil-water separator, signs, chain-link fences, bollards, stored materials, a metallic canopy, and catch basins. Buried objects of interest close to or under these objects may have been missed.

An Aqua-Tronics Tracer metal detector and a Schonstedt magnetic gradiometer were used after the magnetic survey to locate and investigate the anomalies detected by the magnetometer. These instruments can pinpoint the peaks and troughs of the anomalies and, in many cases, determine if an object is linear (pipe or utility) or three-dimensional (UST). GPR was used to collect radar profiles after the hand-held instruments. The findings of our investigation are presented below.

Magnetic anomaly marked A is caused by the metal canopy and a collection of stored materials.

Anomalies B appear to be caused by surface objects.

No three-dimensional object is causing anomaly C as indicated by the Tracer.

Magnetic anomaly D appears to be caused by the terminus of a pipe of unknown function.

Anomaly E is caused by the bollard. No 3D object was detected here with the Tracer.

Magnetic anomalies F are interpreted to be caused by the pad.

Anomaly G is caused by the building and anomaly H is caused by the traffic light.

No 3D objects were detected with hand-held instruments behind and to the east of the storage shed.



GPR traverses were made in the vicinity of the removed UST, east of the small building in the southwest corner of the site. Reflectors from a slightly disturbed zone were seen in the radar profiles. The north and east edges of this zone were marked on the ground surface and are shown in Figure 2.

Nikos Tzetos of Pacific Geophysics conducted the survey for Mr. Jim Cooper of Alpha Environmental on May 27, 2025. Mr. Tyler Gass was the Alpha representative on site. This letter report was written by Nikos Tzetos and emailed to Mr. Cooper on June 10, 2025.

Limitations

The conclusions presented in this report were based upon widely accepted geophysical principles, methods, and equipment. This survey was conducted with limited knowledge of the site, the site history, and the subsurface conditions.

The goal of near-surface geophysics is to provide a rapid means of characterizing the subsurface using non-intrusive methods. Conclusions based upon these methods are generally reliable; however, due to the inherent ambiguity of the methods, no single interpretation of the data can be made. As an example, rocks and roots produce radar reflections that may appear the same as pipes and tanks.

Under reasonable conditions, geophysical surveys are good at detecting changes in the subsurface caused by manufactured objects or changes in subsurface conditions, but they are poor at actually identifying those objects or subsurface conditions.

Objects of interest are not always detectable due to surface and subsurface conditions. The deeper an object is buried, the more difficult it is to detect, and the less accurately it can be located.

The only way to see an object is to physically expose it.

Nikos Tzetos
Pacific Geophysics

June 10, 2025



Appendix A. Geophysical Survey Methods

Magnetometer Surveys

Small disturbances in the Earth's local magnetic field are called "magnetic anomalies." These may be caused by naturally occurring features such as metallic mineral ore bodies, or from manufactured features such as metal buildings, vehicles, fences, and underground storage tanks. The magnetometer only detects changes produced by *ferrous* objects. Aluminum and brass are non-ferrous metals and cannot be detected using a magnetometer.

A magnetometer is an electronic instrument designed to detect small changes in the Earth's local magnetic field. Over the years different technologies have been used in magnetometers. The Geometrics G-864 Cesium Land Magnetometer used to collect magnetic data for Pacific Geophysics uses one of the most recent methods to detect magnetic anomalies. A detailed discussion describing the method this unit uses is available at Geometrics.com.

This magnetometer enables the operator to collect data rapidly and continuously rather than the older instruments that collected data at discreet points only. The G-864 is carried by hand across the site. The sensor is carried at waist level. Typically, individual data points collected at normal walking speed are about 6" apart along survey lines usually 5 feet apart, depending on the dimensions of the target objects.

It is critical to know the exact location of each data point so that if an anomaly is detected it can be accurately plotted on a magnetic contour map. At most small sites, data are collected along straight, parallel survey lines set up on the site before the data collection stage begins. For very large, complex sites, the G-864 can be connected to a Global Positioning System (GPS) antenna which allows the operator to collect accurately located data without establishing a survey grid. With GPS, data are collected and positioned wherever the operator walks. A limitation using GPS is that the GPS antenna must have line of sight with the GPS satellites. Data can be mislocated if the GPS antenna is under trees or near tall buildings.

Data are stored in the unit's memory for later downloading and processing. A magnetic contour map of the data is plotted in the field. Geographical features are plotted on the map. Magnetic anomalies appearing to be caused by objects of interest are then investigated on the site using several small hand-held metal detectors. If an object appears to be a possible object of interest, it may be investigated with GPR.

Magnetic contour maps may be printed in color in order to highlight anomalies caused by ferrous objects located under the magnetic sensor. Usually, ferrous objects situated below the sensor produce magnetic "highs" and anomalies located above the sensor produce magnetic "lows." Magnetic highs are of interest to the operator since most objects of interest are located underground.

Depending on the orientation, shape and mass of a metallic object, a high/low pair of magnetic anomalies may be present. In the northern hemisphere the magnetic low is located north of the object and the magnetic high toward the south. The object producing the anomaly is located part way between the high and the low anomalies.

Magnetometer surveys have limitations. Magnetometers only detect objects made of ferrous (iron-containing) metal. Large ferrous objects (buildings, cars, fences, etc.) within several feet of the magnetometer create interference that may hide the anomaly produced by a nearby object of interest.

Ground Penetrating Radar

A Geophysical Survey Systems, Inc. (GSSI) SIR 4000 GPR system coupled to GSSI antennas of various central frequencies is used to obtain the radar data for our surveys.

GPR antennas both transmit and receive electromagnetic energy. EM energy is transmitted into the material the antenna passes over. A portion of that energy is reflected back to the antenna and amplified. Reflections are displayed in real-time in a continuous cross section. Reflections are produced where there is a sufficient electrical contrast between two materials. Changes in the electrical properties (namely the dielectric constant) that produce radar reflections are caused by changes in the moisture content, porosity, mineralogy, and texture of the material. Metallic objects of interest exhibit a strong electrical contrast with the surrounding material and thus produce relatively strong reflections. Non-metallic objects of interest (septic tanks, cesspools, dry wells, and PVC and clay tile pipes) are not always good reflectors.



Radar data are ambiguous. It can be difficult to distinguish the reflection produced by an object of interest from the reflection caused by some natural feature. Rocks or tree roots have reflections that appear similar to reflections from pipes. In concrete investigations reflections produced by metal rebar look exactly like those from electrical conduit or post-tension cables. Objects with too small an electrical contrast may produce no reflections at all and may be missed. Target objects buried below objects with contrasting properties that also produce reflections may be missed (e.g., USTs below roots, concrete pieces, pipes, or rocks). If an object of interest like a UST is buried below the depth of penetration of the radar signal, it will be missed.

In addition to interpreting ambiguous data, radar has several limitations that cannot be controlled by the operator. The radar signal is severely attenuated by electrically conductive material, including wet, clay-rich soil and reinforced concrete. The quality of the data is affected by the surface conditions over which the antenna is pulled. Ideally the antenna should rest firmly on a smooth surface. Rough terrain and tall grass reduce the quality of radar data.

It is the job of an experienced interpreter to examine the GPR profiles and deduce if reflections are from objects of interest. A GPR interpreter cannot see underground but can only interpret reflections based on experience.

The only way to truly identify an object is to excavate.

Hand-held Metal detectors

Two small, non-recording metal detectors are used to locate suspect magnetic anomalies detected using the G-864 Magnetometer in order to determine the likely cause of the anomaly. First, the magnetic contour map and a Schonstedt Magnetic Gradiometer are used to locate the center of the magnetic anomalies.

Once the anomaly is located an Aqua-Tronics Tracer is used to determine if the object producing the anomaly is a possible object of interest. Most anomalies are at least in part produced by features observed on the ground surface.

Schonstedt Magnetic Gradiometer: This magnetometer has two magnetic sensors separated vertically by 10". The magnetic field surrounding a ferrous object is strongest near the object and decreases rapidly as the distance increases. If the magnitude measured by the sensor located in the tip of the Schonstedt is very high, and the magnetic field measured by the sensor located farther up the shaft of the Schonstedt is low, there is a large vertical magnetic gradient, and the instrument responds with a loud whistle indicating the object is near the surface. If there is a small difference in the magnitudes measured by the two sensors, the object is deeper. The instrument responds with a softer tone. A discussion of this instrument is available at Schonstedt.com.

Aqua-Tronics A-6 Tracer: The Aqua-Tronics A-6 Tracer uses a different method of detecting metallic objects. This instrument measures the electrical conductivity of a metal object. It is capable of detecting any electrically conductive metal, including non-ferrous aluminum and brass. The Tracer is capable of detecting three-dimensional objects as well as pipes.

The Tracer consists of a transmitter coil and a receiver coil. In the absence of any electrically conductive material in the vicinity of the Tracer, the electromagnetic field around each coil is balanced.

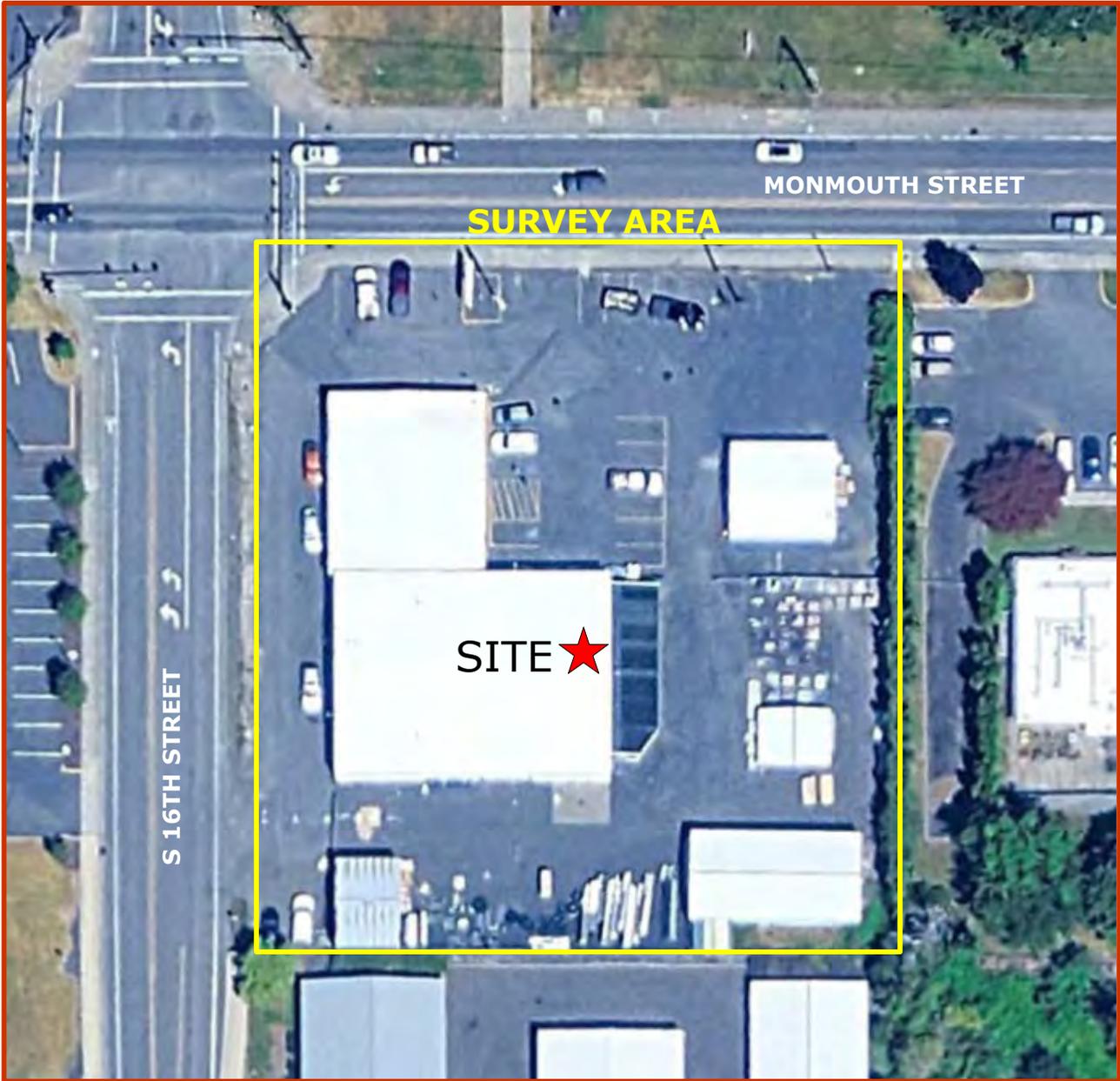
Basically, the electromagnetic field produced by the transmitter induces an electric current into the area surrounding the instrument. Nearby conductive objects distort the EM field. The balance between the two coils is disturbed and the instrument produces an audible tone and meter indication.

Radio Detection RD8000 PDL pipe and cable detector: This instrument may be used to detect buried, conductive pipes and utilities. It consists of a transmitter and a receiver and can be used in two configurations.

The transmitter may be used to directly apply a small electrical current to exposed, electrically conductive pipes and utilities. The RD receiver is then able to "trace" the underground portion of the pipe or utility, under some conditions for several hundred feet. The transmitter can also induce an electrical current into buried pipes and utilities where direct contact is not available.

The receiver can also be used alone. It has the capability to locate pipes and utilities by detecting the very small electrical currents induced into the features by nearby AM/FM radio stations.

The receiver also has an AC power function that may be used to detect underground power lines.



Base Photo from Google Earth



FIGURE

1

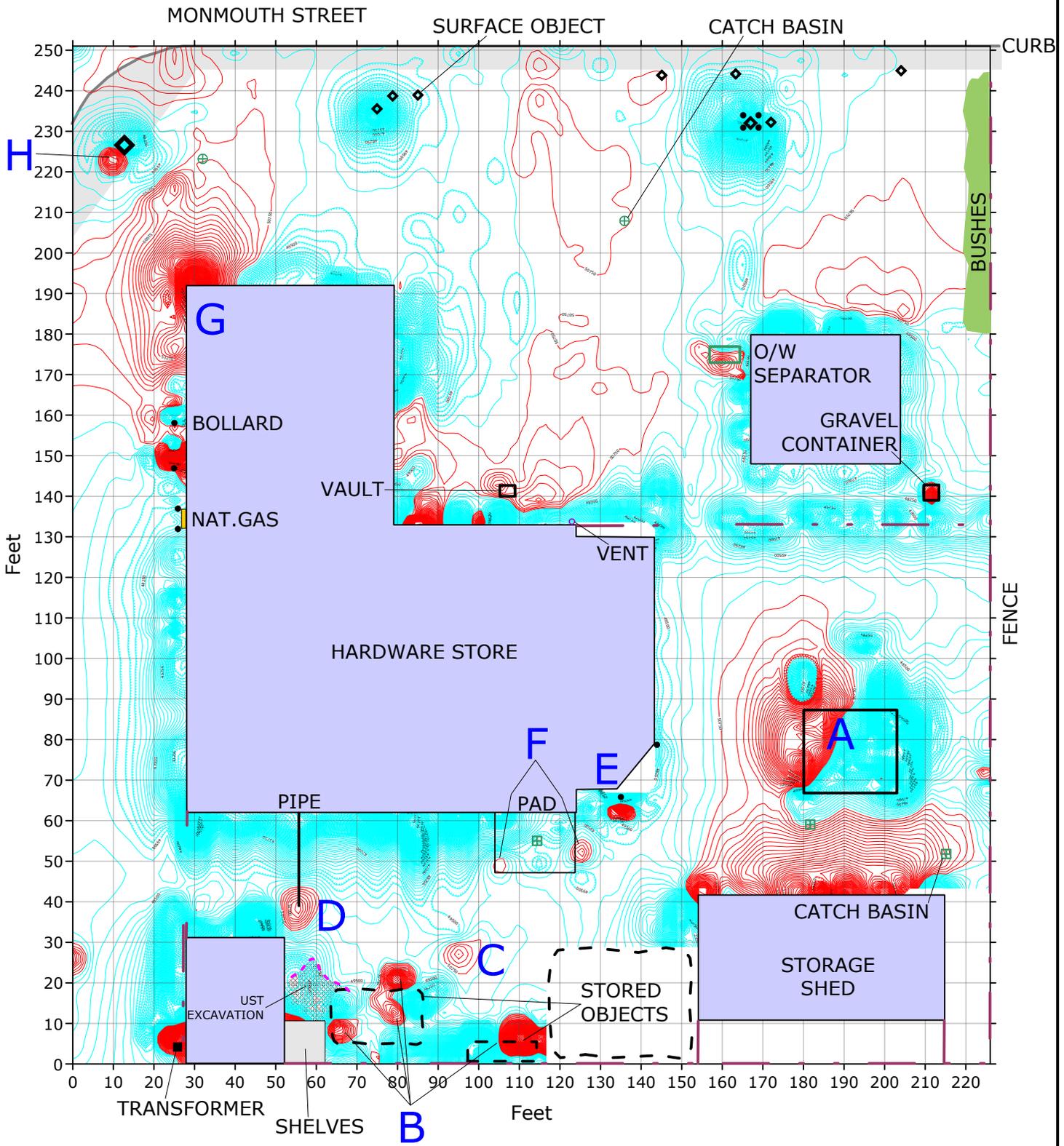
Survey Location and Area

Project:
250504

UST Survey
1545-1555 Monmouth Street
Independence, Oregon

Drawn by : NT

Prepared for: Alpha Environmental
Survey Date: May 27, 2025



Contour Interval: 250 nT



FIGURE
2

Magnetic Contour Map

Project:
250504

UST Survey
1545-1555 Monmouth Street
Independence, Oregon

Drawn by : NT

Prepared for: Alpha Environmental
Survey Date: May 27, 2025



APPENDIX B:
ANALYTICAL LABORATORY REPORTS



ANALYTICAL REPORT

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

Sunday, September 14, 2025
Erick Gonzalez
Alpha Environmental
11080 SW Allen Blvd, Suite 100
Beaverton, OR 97005

RE: A5G1544 - 1555 Monmouth St 25-70154

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 A5G1544, which was received by the laboratory on 7/24/2025 at 4:30:00PM.

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

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

Cooler Receipt Information		
<u>Acceptable Receipt Temperature is less than, or equal to, 6 degC (not frozen), or received on ice the same day as sampling.</u>		
(See Cooler Receipt Form for details)		
Default Cooler	3.0	degC

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



Apex Laboratories

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project#: 1555 Monmouth St 25-70154 Project Manager: Erick Gonzalez	Report ID: A5G1544 - 09 14 25 1700
---	--	---

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
25-70154 S1-18"	A5G1544-01	Soil	07/24/25 11:00	07/24/25 16:30
25-70154 SF(IT)-78"	A5G1544-02	Soil	07/24/25 13:00	07/24/25 16:30
25-70154 N(IT)-78"	A5G1544-03	Soil	07/24/25 13:00	07/24/25 16:30

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Anissa Kepa For Cameron O'Brien, Project Manager



ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project#: 1555 Monmouth St 25-70154 Project Manager: Erick Gonzalez	Report ID: A5G1544 - 09 14 25 1700
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ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
25-70154 S1-18" (A5G1544-01)				Matrix: Soil		Batch: 25G0965		
Gasoline Range Organics	ND	---	20.4	mg/kg dry	1	07/29/25 22:12	NWTPH-HCID	
Diesel Range Organics	ND	---	51.0	mg/kg dry	1	07/29/25 22:12	NWTPH-HCID	
Oil Range Organics	ND	---	102	mg/kg dry	1	07/29/25 22:12	NWTPH-HCID	
<i>Surrogate: o-Terphenyl (Surr)</i>		<i>Recovery: 93 %</i>		<i>Limits: 50-150 %</i>		<i>1</i>	<i>07/29/25 22:12</i>	<i>NWTPH-HCID</i>
<i>4-Bromofluorobenzene (Surr)</i>		<i>89 %</i>		<i>50-150 %</i>		<i>1</i>	<i>07/29/25 22:12</i>	<i>NWTPH-HCID</i>
25-70154 SF(IT)-78" (A5G1544-02)				Matrix: Soil		Batch: 25G0965		
Gasoline Range Organics	ND	---	118	mg/kg dry	5	07/29/25 23:24	NWTPH-HCID	
Diesel Range Organics	ND	---	295	mg/kg dry	5	07/29/25 23:24	NWTPH-HCID	
Oil Range Organics	DET	---	591	mg/kg dry	5	07/29/25 23:24	NWTPH-HCID	
<i>Surrogate: o-Terphenyl (Surr)</i>		<i>Recovery: 88 %</i>		<i>Limits: 50-150 %</i>		<i>5</i>	<i>07/29/25 23:24</i>	<i>NWTPH-HCID S-05</i>
<i>4-Bromofluorobenzene (Surr)</i>		<i>84 %</i>		<i>50-150 %</i>		<i>5</i>	<i>07/29/25 23:24</i>	<i>NWTPH-HCID S-05</i>
25-70154 N(IT)-78" (A5G1544-03)				Matrix: Soil		Batch: 25G0965		
Gasoline Range Organics	ND	---	21.6	mg/kg dry	1	07/29/25 23:00	NWTPH-HCID	
Diesel Range Organics	DET	---	54.0	mg/kg dry	1	07/29/25 23:00	NWTPH-HCID	A-01
Oil Range Organics	DET	---	108	mg/kg dry	1	07/29/25 23:00	NWTPH-HCID	
<i>Surrogate: o-Terphenyl (Surr)</i>		<i>Recovery: 92 %</i>		<i>Limits: 50-150 %</i>		<i>1</i>	<i>07/29/25 23:00</i>	<i>NWTPH-HCID</i>
<i>4-Bromofluorobenzene (Surr)</i>		<i>88 %</i>		<i>50-150 %</i>		<i>1</i>	<i>07/29/25 23:00</i>	<i>NWTPH-HCID</i>

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project#: 1555 Monmouth St 25-70154 Project Manager: Erick Gonzalez	Report ID: A5G1544 - 09 14 25 1700
---	--	--

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
25-70154 S1-18" (A5G1544-01)				Matrix: Soil		Batch: 25G0802		
Diesel	ND	---	18.8	mg/kg dry	1	07/24/25 20:39	NWTPH-Dx	
Oil	ND	---	37.6	mg/kg dry	1	07/24/25 20:39	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>		<i>Recovery: 100 %</i>		<i>Limits: 50-150 %</i>		<i>1</i>	<i>07/24/25 20:39</i>	<i>NWTPH-Dx</i>
25-70154 SF(IT)-78" (A5G1544-02)				Matrix: Soil		Batch: 25G0802		
Diesel	ND	---	219	mg/kg dry	10	07/24/25 23:45	NWTPH-Dx	
Oil	5460	---	438	mg/kg dry	10	07/24/25 23:45	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>		<i>Recovery: 87 %</i>		<i>Limits: 50-150 %</i>		<i>10</i>	<i>07/24/25 23:45</i>	<i>NWTPH-Dx</i>
25-70154 N(IT)-78" (A5G1544-03)				Matrix: Soil		Batch: 25G0802		
Diesel	ND	---	18.4	mg/kg dry	1	07/25/25 00:26	NWTPH-Dx	
Oil	890	---	36.7	mg/kg dry	1	07/25/25 00:26	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>		<i>Recovery: 101 %</i>		<i>Limits: 50-150 %</i>		<i>1</i>	<i>07/25/25 00:26</i>	<i>NWTPH-Dx</i>

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project#: 1555 Monmouth St 25-70154	Report ID: A5G1544 - 09 14 25 1700
Project Manager: Erick Gonzalez		

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
25-70154 SF(IT)-78" (A5G1544-02)				Matrix: Soil		Batch: 25G1045		RR-1
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 99 %</i>		<i>Limits: 80-120 %</i>		<i>1</i>	<i>07/31/25 16:44</i>	<i>5035A/8260D</i>
<i>Toluene-d8 (Surr)</i>		<i>102 %</i>		<i>80-120 %</i>		<i>1</i>	<i>07/31/25 16:44</i>	<i>5035A/8260D</i>
<i>4-Bromofluorobenzene (Surr)</i>		<i>95 %</i>		<i>79-120 %</i>		<i>1</i>	<i>07/31/25 16:44</i>	<i>5035A/8260D</i>
25-70154 SF(IT)-78" (A5G1544-02RE1)				Matrix: Soil		Batch: 25H0032		
Acetone	ND	---	2.00	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Acrylonitrile	ND	---	0.200	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Benzene	ND	---	0.0200	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Bromobenzene	ND	---	0.0499	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Bromochloromethane	ND	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Bromodichloromethane	ND	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Bromoform	ND	---	0.200	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Bromomethane	ND	---	0.998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
2-Butanone (MEK)	ND	---	0.998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
n-Butylbenzene	ND	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
sec-Butylbenzene	ND	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
tert-Butylbenzene	ND	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Carbon disulfide	ND	---	0.998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Carbon tetrachloride	ND	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Chlorobenzene	ND	---	0.0499	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Chloroethane	ND	---	0.998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Chloroform	ND	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Chloromethane	ND	---	0.499	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
2-Chlorotoluene	ND	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
4-Chlorotoluene	ND	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Dibromochloromethane	ND	---	0.200	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
1,2-Dibromo-3-chloropropane	ND	---	0.499	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
1,2-Dibromoethane (EDB)	ND	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Dibromomethane	ND	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
1,2-Dichlorobenzene	ND	---	0.0499	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
1,3-Dichlorobenzene	ND	---	0.0499	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
1,4-Dichlorobenzene	ND	---	0.0499	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Dichlorodifluoromethane	ND	---	0.200	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
1,1-Dichloroethane	ND	---	0.0499	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
1,2-Dichloroethane (EDC)	ND	---	0.0499	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
1,1-Dichloroethene	ND	---	0.0499	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
cis-1,2-Dichloroethene	ND	---	0.0499	mg/kg dry	50	08/01/25 15:30	5035A/8260D	

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpha Environmental	Project#: 1555 Monmouth St 25-70154	
11080 SW Allen Blvd, Suite 100		Report ID:
Beaverton, OR 97005	Project Manager: Erick Gonzalez	A5G1544 - 09 14 25 1700

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
25-70154 SF(IT)-78" (A5G1544-02RE1)				Matrix: Soil		Batch: 25H0032		
trans-1,2-Dichloroethene	ND	---	0.0499	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
1,2-Dichloropropane	ND	---	0.0499	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
1,3-Dichloropropane	ND	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
2,2-Dichloropropane	ND	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
1,1-Dichloropropene	ND	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
cis-1,3-Dichloropropene	ND	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
trans-1,3-Dichloropropene	ND	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Ethylbenzene	ND	---	0.0499	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Hexachlorobutadiene	ND	---	0.200	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
2-Hexanone	ND	---	0.998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Isopropylbenzene	ND	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
4-Isopropyltoluene	ND	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Methylene chloride	ND	---	0.998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
4-Methyl-2-pentanone (MIBK)	ND	---	0.998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Methyl tert-butyl ether (MTBE)	ND	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Naphthalene	1.92	---	0.200	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
n-Propylbenzene	0.106	---	0.0499	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Styrene	ND	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
1,1,1,2-Tetrachloroethane	ND	---	0.0499	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
1,1,2,2-Tetrachloroethane	ND	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Tetrachloroethene (PCE)	ND	---	0.0499	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Toluene	ND	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
1,2,3-Trichlorobenzene	ND	---	0.499	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
1,2,4-Trichlorobenzene	ND	---	0.499	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
1,1,1-Trichloroethane	ND	---	0.0499	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
1,1,2-Trichloroethane	ND	---	0.0499	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Trichloroethene (TCE)	ND	---	0.0499	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Trichlorofluoromethane	ND	---	0.499	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
1,2,3-Trichloropropane	ND	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
1,2,4-Trimethylbenzene	1.02	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
1,3,5-Trimethylbenzene	0.244	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
Vinyl chloride	ND	---	0.0499	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
m,p-Xylene	0.342	---	0.0998	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
o-Xylene	0.176	---	0.0499	mg/kg dry	50	08/01/25 15:30	5035A/8260D	
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>			<i>Recovery: 99 %</i>	<i>Limits: 80-120 %</i>	<i>1</i>	<i>08/01/25 15:30</i>	<i>5035A/8260D</i>	
<i>Toluene-d8 (Surr)</i>			<i>99 %</i>	<i>80-120 %</i>	<i>1</i>	<i>08/01/25 15:30</i>	<i>5035A/8260D</i>	
<i>4-Bromofluorobenzene (Surr)</i>			<i>96 %</i>	<i>79-120 %</i>	<i>1</i>	<i>08/01/25 15:30</i>	<i>5035A/8260D</i>	

Apex Laboratories

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project/#: 1555 Monmouth St 25-70154	Report ID: A5G1544 - 09 14 25 1700
Project Manager: Erick Gonzalez		

ANALYTICAL SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

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

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Anissa Kepa For Cameron O'Brien, Project Manager



ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project/#: 1555 Monmouth St 25-70154 Project Manager: Erick Gonzalez	Report ID: A5G1544 - 09 14 25 1700
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ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
25-70154 SF(IT)-78" (A5G1544-02)				Matrix: Soil		Batch: 25G0958		C-07
Aroclor 1016	ND	---	0.0105	mg/kg dry	1	07/31/25 13:59	EPA 8082A	
Aroclor 1221	ND	---	0.0105	mg/kg dry	1	07/31/25 13:59	EPA 8082A	
Aroclor 1232	ND	---	0.0105	mg/kg dry	1	07/31/25 13:59	EPA 8082A	
Aroclor 1242	ND	---	0.0105	mg/kg dry	1	07/31/25 13:59	EPA 8082A	
Aroclor 1248	ND	---	0.0105	mg/kg dry	1	07/31/25 13:59	EPA 8082A	
Aroclor 1254	ND	---	0.0105	mg/kg dry	1	07/31/25 13:59	EPA 8082A	
Aroclor 1260	ND	---	0.0105	mg/kg dry	1	07/31/25 13:59	EPA 8082A	
<i>Surrogate: Decachlorobiphenyl (Surr)</i>			<i>Recovery: 77 %</i>	<i>Limits: 60-125 %</i>	<i>1</i>	<i>07/31/25 13:59</i>	<i>EPA 8082A</i>	

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project/#: 1555 Monmouth St 25-70154 Project Manager: Erick Gonzalez	Report ID: A5G1544 - 09 14 25 1700
---	---	---

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
25-70154 SF(IT)-78" (A5G1544-02)				Matrix: Soil				
<u>Batch: 25H0071</u>								
Cadmium	0.722	---	0.266	mg/kg dry	10	08/04/25 23:35	EPA 6020B	
Chromium	12.6	---	1.33	mg/kg dry	10	08/04/25 23:35	EPA 6020B	B

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Anissa Kepa For Cameron O'Brien, Project Manager



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---	---	---

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
25-70154 S1-18" (A5G1544-01)				Matrix: Soil		Batch: 25G0821		
% Solids	94.5	---	1.00	%	1	07/25/25 05:30	EPA 8000D	
25-70154 SF(IT)-78" (A5G1544-02)				Matrix: Soil		Batch: 25G0821		
% Solids	81.8	---	1.00	%	1	07/25/25 05:30	EPA 8000D	
25-70154 N(IT)-78" (A5G1544-03)				Matrix: Soil		Batch: 25G0821		
% Solids	92.2	---	1.00	%	1	07/25/25 05:30	EPA 8000D	

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Anissa Kepa For Cameron O'Brien, Project Manager



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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 25G0965 - NWTPH-HCID (Soil)						Soil						
Blank (25G0965-BLK1)		Prepared: 07/29/25 13:18 Analyzed: 07/29/25 21:48										
<u>NWTPH-HCID</u>												
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	---	---	---	---	---	---	
<i>Surr: o-Terphenyl (Surr)</i>		<i>Recovery: 85 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>84 %</i>		<i>50-150 %</i>		<i>"</i>						
Duplicate (25G0965-DUP1)						Prepared: 07/29/25 13:18 Analyzed: 07/29/25 22:36						
<u>QC Source Sample: 25-70154 S1-18" (A5G1544-01)</u>												
<u>NWTPH-HCID</u>												
Gasoline Range Organics	ND	---	20.8	mg/kg dry	1	---	ND	---	---	---	30%	
Diesel Range Organics	ND	---	52.1	mg/kg dry	1	---	ND	---	---	---	30%	
Oil Range Organics	ND	---	104	mg/kg dry	1	---	ND	---	---	---	30%	
<i>Surr: o-Terphenyl (Surr)</i>		<i>Recovery: 93 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>89 %</i>		<i>50-150 %</i>		<i>"</i>						

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QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25G0802 - EPA 3546 (Fuels)						Soil						
Blank (25G0802-BLK1)		Prepared: 07/24/25 06:47 Analyzed: 07/24/25 09:43										
<u>NWTPH-Dx</u>												
Diesel	ND	---	20.0	mg/kg wet	1	---	---	---	---	---	---	---
Oil	ND	---	40.0	mg/kg wet	1	---	---	---	---	---	---	---
<i>Surr: o-Terphenyl (Surr)</i>		<i>Recovery: 85 %</i>			<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>					
LCS (25G0802-BS1)		Prepared: 07/24/25 06:47 Analyzed: 07/24/25 10:04										
<u>NWTPH-Dx</u>												
Diesel	109	---	20.0	mg/kg wet	1	125	---	87	38 - 132%	---	---	---
<i>Surr: o-Terphenyl (Surr)</i>		<i>Recovery: 94 %</i>			<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>					

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

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QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25G1045 - EPA 5035A						Soil						
Blank (25G1045-BLK1)		Prepared: 07/31/25 09:00 Analyzed: 07/31/25 11:32										
<u>5035A/8260D</u>												
Acetone	ND	---	1.00	mg/kg wet	50	---	---	---	---	---	---	---
Acrylonitrile	ND	---	0.100	mg/kg wet	50	---	---	---	---	---	---	---
Benzene	ND	---	0.0100	mg/kg wet	50	---	---	---	---	---	---	---
Bromobenzene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	---
Bromochloromethane	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
Bromodichloromethane	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
Bromoform	ND	---	0.100	mg/kg wet	50	---	---	---	---	---	---	---
Bromomethane	ND	---	0.500	mg/kg wet	50	---	---	---	---	---	---	---
2-Butanone (MEK)	ND	---	0.500	mg/kg wet	50	---	---	---	---	---	---	---
n-Butylbenzene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
sec-Butylbenzene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
tert-Butylbenzene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
Carbon disulfide	ND	---	0.500	mg/kg wet	50	---	---	---	---	---	---	---
Carbon tetrachloride	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
Chlorobenzene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	---
Chloroethane	ND	---	0.500	mg/kg wet	50	---	---	---	---	---	---	---
Chloroform	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
Chloromethane	ND	---	0.250	mg/kg wet	50	---	---	---	---	---	---	---
2-Chlorotoluene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
4-Chlorotoluene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
Dibromochloromethane	ND	---	0.100	mg/kg wet	50	---	---	---	---	---	---	---
1,2-Dibromo-3-chloropropane	ND	---	0.250	mg/kg wet	50	---	---	---	---	---	---	---
1,2-Dibromoethane (EDB)	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
Dibromomethane	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
1,2-Dichlorobenzene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	---
1,3-Dichlorobenzene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	---
1,4-Dichlorobenzene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	---
Dichlorodifluoromethane	ND	---	0.100	mg/kg wet	50	---	---	---	---	---	---	---
1,1-Dichloroethane	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	---
1,2-Dichloroethane (EDC)	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	---
1,1-Dichloroethene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	---
cis-1,2-Dichloroethene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	---
trans-1,2-Dichloroethene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	---

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project#: 1555 Monmouth St 25-70154 Project Manager: Erick Gonzalez	Report ID: A5G1544 - 09 14 25 1700
---	--	---

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25G1045 - EPA 5035A						Soil						
Blank (25G1045-BLK1)		Prepared: 07/31/25 09:00		Analyzed: 07/31/25 11:32								
1,2-Dichloropropane	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
1,3-Dichloropropane	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
2,2-Dichloropropane	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloropropene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
cis-1,3-Dichloropropene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
trans-1,3-Dichloropropene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
Hexachlorobutadiene	ND	---	0.100	mg/kg wet	50	---	---	---	---	---	---	
2-Hexanone	ND	---	0.500	mg/kg wet	50	---	---	---	---	---	---	
Isopropylbenzene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
4-Isopropyltoluene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
Methylene chloride	ND	---	0.500	mg/kg wet	50	---	---	---	---	---	---	
4-Methyl-2-pentanone (MiBK)	ND	---	0.500	mg/kg wet	50	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
Naphthalene	ND	---	0.100	mg/kg wet	50	---	---	---	---	---	---	
n-Propylbenzene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
Styrene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
1,1,1,2-Tetrachloroethane	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
1,1,2,2-Tetrachloroethane	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
Toluene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichlorobenzene	ND	---	0.250	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	---	0.250	mg/kg wet	50	---	---	---	---	---	---	
1,1,1-Trichloroethane	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
1,1,2-Trichloroethane	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
Trichlorofluoromethane	ND	---	0.250	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichloropropane	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	---	---	---	---	---	---	
Vinyl chloride	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
m,p-Xylene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
o-Xylene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	

Surr: 1,4-Difluorobenzene (Surr) Recovery: 98 % Limits: 80-120 % Dilution: 1x

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ANALYTICAL REPORT

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503-718-2323
ORELAP ID: OR100062

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project#: 1555 Monmouth St 25-70154	Report ID: A5G1544 - 09 14 25 1700
Project Manager: Erick Gonzalez		

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25G1045 - EPA 5035A						Soil						
Blank (25G1045-BLK1)		Prepared: 07/31/25 09:00 Analyzed: 07/31/25 11:32										
<i>Surr: Toluene-d8 (Surr)</i>		Recovery: 102 %		Limits: 80-120 %		Dilution: 1x						
<i>4-Bromofluorobenzene (Surr)</i>		99 %		79-120 %		"						
LCS (25G1045-BS1)		Prepared: 07/31/25 09:00 Analyzed: 07/31/25 10:36										
5035A/8260D												
Acetone	2.32	---	1.00	mg/kg wet	50	2.00	---	116	80 - 120%	---	---	
Acrylonitrile	1.11	---	0.100	mg/kg wet	50	1.00	---	111	80 - 120%	---	---	
Benzene	1.06	---	0.0100	mg/kg wet	50	1.00	---	106	80 - 120%	---	---	
Bromobenzene	1.02	---	0.0250	mg/kg wet	50	1.00	---	102	80 - 120%	---	---	
Bromochloromethane	1.19	---	0.0500	mg/kg wet	50	1.00	---	119	80 - 120%	---	---	
Bromodichloromethane	1.21	---	0.0500	mg/kg wet	50	1.00	---	121	80 - 120%	---	---	Q-56
Bromoform	1.04	---	0.100	mg/kg wet	50	1.00	---	104	80 - 120%	---	---	
Bromomethane	1.24	---	0.500	mg/kg wet	50	1.00	---	124	80 - 120%	---	---	Q-56
2-Butanone (MEK)	2.23	---	0.500	mg/kg wet	50	2.00	---	112	80 - 120%	---	---	
n-Butylbenzene	1.07	---	0.0500	mg/kg wet	50	1.00	---	107	80 - 120%	---	---	
sec-Butylbenzene	1.08	---	0.0500	mg/kg wet	50	1.00	---	108	80 - 120%	---	---	
tert-Butylbenzene	1.07	---	0.0500	mg/kg wet	50	1.00	---	107	80 - 120%	---	---	
Carbon disulfide	1.06	---	0.500	mg/kg wet	50	1.00	---	106	80 - 120%	---	---	
Carbon tetrachloride	1.16	---	0.0500	mg/kg wet	50	1.00	---	116	80 - 120%	---	---	
Chlorobenzene	1.06	---	0.0250	mg/kg wet	50	1.00	---	106	80 - 120%	---	---	
Chloroethane	1.48	---	0.500	mg/kg wet	50	1.00	---	148	80 - 120%	---	---	Q-56
Chloroform	1.14	---	0.0500	mg/kg wet	50	1.00	---	114	80 - 120%	---	---	
Chloromethane	0.994	---	0.250	mg/kg wet	50	1.00	---	99	80 - 120%	---	---	
2-Chlorotoluene	1.03	---	0.0500	mg/kg wet	50	1.00	---	103	80 - 120%	---	---	
4-Chlorotoluene	1.10	---	0.0500	mg/kg wet	50	1.00	---	110	80 - 120%	---	---	
Dibromochloromethane	1.11	---	0.100	mg/kg wet	50	1.00	---	111	80 - 120%	---	---	
1,2-Dibromo-3-chloropropane	0.976	---	0.250	mg/kg wet	50	1.00	---	98	80 - 120%	---	---	
1,2-Dibromoethane (EDB)	1.11	---	0.0500	mg/kg wet	50	1.00	---	111	80 - 120%	---	---	
Dibromomethane	1.14	---	0.0500	mg/kg wet	50	1.00	---	114	80 - 120%	---	---	
1,2-Dichlorobenzene	1.06	---	0.0250	mg/kg wet	50	1.00	---	106	80 - 120%	---	---	
1,3-Dichlorobenzene	1.09	---	0.0250	mg/kg wet	50	1.00	---	109	80 - 120%	---	---	
1,4-Dichlorobenzene	1.08	---	0.0250	mg/kg wet	50	1.00	---	108	80 - 120%	---	---	
Dichlorodifluoromethane	1.26	---	0.100	mg/kg wet	50	1.00	---	126	80 - 120%	---	---	Q-56
1,1-Dichloroethane	1.16	---	0.0250	mg/kg wet	50	1.00	---	116	80 - 120%	---	---	

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ORELAP ID: OR100062

Alpha Environmental	Project#: 1555 Monmouth St 25-70154	
11080 SW Allen Blvd, Suite 100		Report ID:
Beaverton, OR 97005	Project Manager: Erick Gonzalez	A5G1544 - 09 14 25 1700

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25G1045 - EPA 5035A						Soil						
LCS (25G1045-BS1)			Prepared: 07/31/25 09:00 Analyzed: 07/31/25 10:36									
1,2-Dichloroethane (EDC)	1.27	---	0.0250	mg/kg wet	50	1.00	---	127	80 - 120%	---	---	Q-56
1,1-Dichloroethene	1.24	---	0.0250	mg/kg wet	50	1.00	---	124	80 - 120%	---	---	Q-56
cis-1,2-Dichloroethene	1.15	---	0.0250	mg/kg wet	50	1.00	---	115	80 - 120%	---	---	
trans-1,2-Dichloroethene	1.15	---	0.0250	mg/kg wet	50	1.00	---	115	80 - 120%	---	---	
1,2-Dichloropropane	1.12	---	0.0250	mg/kg wet	50	1.00	---	112	80 - 120%	---	---	
1,3-Dichloropropane	1.12	---	0.0500	mg/kg wet	50	1.00	---	112	80 - 120%	---	---	
2,2-Dichloropropane	1.29	---	0.0500	mg/kg wet	50	1.00	---	129	80 - 120%	---	---	Q-56
1,1-Dichloropropene	1.10	---	0.0500	mg/kg wet	50	1.00	---	110	80 - 120%	---	---	
cis-1,3-Dichloropropene	1.16	---	0.0500	mg/kg wet	50	1.00	---	116	80 - 120%	---	---	
trans-1,3-Dichloropropene	1.21	---	0.0500	mg/kg wet	50	1.00	---	121	80 - 120%	---	---	Q-56
Ethylbenzene	1.09	---	0.0250	mg/kg wet	50	1.00	---	109	80 - 120%	---	---	
Hexachlorobutadiene	1.03	---	0.100	mg/kg wet	50	1.00	---	103	80 - 120%	---	---	
2-Hexanone	2.16	---	0.500	mg/kg wet	50	2.00	---	108	80 - 120%	---	---	
Isopropylbenzene	1.06	---	0.0500	mg/kg wet	50	1.00	---	106	80 - 120%	---	---	
4-Isopropyltoluene	1.03	---	0.0500	mg/kg wet	50	1.00	---	103	80 - 120%	---	---	
Methylene chloride	1.04	---	0.500	mg/kg wet	50	1.00	---	104	80 - 120%	---	---	
4-Methyl-2-pentanone (MiBK)	2.28	---	0.500	mg/kg wet	50	2.00	---	114	80 - 120%	---	---	
Methyl tert-butyl ether (MTBE)	0.986	---	0.0500	mg/kg wet	50	1.00	---	99	80 - 120%	---	---	
Naphthalene	0.977	---	0.100	mg/kg wet	50	1.00	---	98	80 - 120%	---	---	
n-Propylbenzene	1.09	---	0.0250	mg/kg wet	50	1.00	---	109	80 - 120%	---	---	
Styrene	0.980	---	0.0500	mg/kg wet	50	1.00	---	98	80 - 120%	---	---	
1,1,1,2-Tetrachloroethane	1.17	---	0.0250	mg/kg wet	50	1.00	---	117	80 - 120%	---	---	
1,1,2,2-Tetrachloroethane	1.30	---	0.0500	mg/kg wet	50	1.00	---	130	80 - 120%	---	---	Q-56
Tetrachloroethene (PCE)	1.02	---	0.0250	mg/kg wet	50	1.00	---	102	80 - 120%	---	---	
Toluene	1.01	---	0.0500	mg/kg wet	50	1.00	---	101	80 - 120%	---	---	
1,2,3-Trichlorobenzene	0.976	---	0.250	mg/kg wet	50	1.00	---	98	80 - 120%	---	---	
1,2,4-Trichlorobenzene	0.948	---	0.250	mg/kg wet	50	1.00	---	95	80 - 120%	---	---	
1,1,1-Trichloroethane	1.23	---	0.0250	mg/kg wet	50	1.00	---	123	80 - 120%	---	---	Q-56
1,1,2-Trichloroethane	1.15	---	0.0250	mg/kg wet	50	1.00	---	115	80 - 120%	---	---	
Trichloroethene (TCE)	0.942	---	0.0250	mg/kg wet	50	1.00	---	94	80 - 120%	---	---	
Trichlorofluoromethane	1.64	---	0.250	mg/kg wet	50	1.00	---	164	80 - 120%	---	---	Q-56
1,2,3-Trichloropropane	1.11	---	0.0500	mg/kg wet	50	1.00	---	111	80 - 120%	---	---	
1,2,4-Trimethylbenzene	1.08	---	0.0500	mg/kg wet	50	1.00	---	108	80 - 120%	---	---	
1,3,5-Trimethylbenzene	1.09	---	0.0500	mg/kg wet	50	1.00	---	109	80 - 120%	---	---	

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Apex Laboratories, LLC

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

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project#: 1555 Monmouth St 25-70154 Project Manager: Erick Gonzalez	Report ID: A5G1544 - 09 14 25 1700
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QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25G1045 - EPA 5035A						Soil						
LCS (25G1045-BS1)		Prepared: 07/31/25 09:00		Analyzed: 07/31/25 10:36								
Vinyl chloride	1.16	---	0.0250	mg/kg wet	50	1.00	---	116	80 - 120%	---	---	
m,p-Xylene	2.26	---	0.0500	mg/kg wet	50	2.00	---	113	80 - 120%	---	---	
o-Xylene	1.06	---	0.0250	mg/kg wet	50	1.00	---	106	80 - 120%	---	---	
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 95 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>102 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>92 %</i>		<i>79-120 %</i>		<i>"</i>						

Duplicate (25G1045-DUP1) Prepared: 07/24/25 13:00 Analyzed: 07/31/25 17:12

QC Source Sample: 25-70154 SF(IT)-78" (A5G1544-02)

5035A/8260D												
Acetone	ND	---	3.99	mg/kg dry	100	---	ND	---	---	---	30%	
Acrylonitrile	ND	---	0.399	mg/kg dry	100	---	ND	---	---	---	30%	
Benzene	ND	---	0.0399	mg/kg dry	100	---	ND	---	---	---	30%	
Bromobenzene	ND	---	0.0998	mg/kg dry	100	---	ND	---	---	---	30%	
Bromochloromethane	ND	---	0.200	mg/kg dry	100	---	ND	---	---	---	30%	
Bromodichloromethane	ND	---	0.200	mg/kg dry	100	---	ND	---	---	---	30%	
Bromoform	ND	---	0.399	mg/kg dry	100	---	ND	---	---	---	30%	
Bromomethane	ND	---	2.00	mg/kg dry	100	---	ND	---	---	---	30%	
2-Butanone (MEK)	ND	---	2.00	mg/kg dry	100	---	ND	---	---	---	30%	
n-Butylbenzene	ND	---	0.200	mg/kg dry	100	---	0.114	---	---	---	***	30%
sec-Butylbenzene	ND	---	0.200	mg/kg dry	100	---	ND	---	---	---	30%	
tert-Butylbenzene	ND	---	0.200	mg/kg dry	100	---	ND	---	---	---	30%	
Carbon disulfide	ND	---	2.00	mg/kg dry	100	---	ND	---	---	---	30%	
Carbon tetrachloride	ND	---	0.200	mg/kg dry	100	---	ND	---	---	---	30%	
Chlorobenzene	ND	---	0.0998	mg/kg dry	100	---	ND	---	---	---	30%	
Chloroethane	ND	---	2.00	mg/kg dry	100	---	ND	---	---	---	30%	
Chloroform	ND	---	0.200	mg/kg dry	100	---	ND	---	---	---	30%	
Chloromethane	ND	---	0.998	mg/kg dry	100	---	ND	---	---	---	30%	
2-Chlorotoluene	ND	---	0.200	mg/kg dry	100	---	ND	---	---	---	30%	
4-Chlorotoluene	ND	---	0.200	mg/kg dry	100	---	ND	---	---	---	30%	
Dibromochloromethane	ND	---	0.399	mg/kg dry	100	---	ND	---	---	---	30%	
1,2-Dibromo-3-chloropropane	ND	---	0.998	mg/kg dry	100	---	ND	---	---	---	30%	
1,2-Dibromoethane (EDB)	ND	---	0.200	mg/kg dry	100	---	ND	---	---	---	30%	
Dibromomethane	ND	---	0.200	mg/kg dry	100	---	ND	---	---	---	30%	

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503-718-2323
ORELAP ID: OR100062

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project#: 1555 Monmouth St 25-70154 Project Manager: Erick Gonzalez	Report ID: A5G1544 - 09 14 25 1700
---	--	--

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25G1045 - EPA 5035A						Soil						
Duplicate (25G1045-DUP1)		Prepared: 07/24/25 13:00 Analyzed: 07/31/25 17:12										
QC Source Sample: 25-70154 SF(IT)-78" (A5G1544-02)												
1,2-Dichlorobenzene	ND	---	0.0998	mg/kg dry	100	---	ND	---	---	---	30%	
1,3-Dichlorobenzene	ND	---	0.0998	mg/kg dry	100	---	ND	---	---	---	30%	
1,4-Dichlorobenzene	ND	---	0.0998	mg/kg dry	100	---	ND	---	---	---	30%	
Dichlorodifluoromethane	ND	---	0.399	mg/kg dry	100	---	ND	---	---	---	30%	
1,1-Dichloroethane	ND	---	0.0998	mg/kg dry	100	---	ND	---	---	---	30%	
1,2-Dichloroethane (EDC)	ND	---	0.0998	mg/kg dry	100	---	ND	---	---	---	30%	
1,1-Dichloroethene	ND	---	0.0998	mg/kg dry	100	---	ND	---	---	---	30%	
cis-1,2-Dichloroethene	ND	---	0.0998	mg/kg dry	100	---	ND	---	---	---	30%	
trans-1,2-Dichloroethene	ND	---	0.0998	mg/kg dry	100	---	ND	---	---	---	30%	
1,2-Dichloropropane	ND	---	0.0998	mg/kg dry	100	---	ND	---	---	---	30%	
1,3-Dichloropropane	ND	---	0.200	mg/kg dry	100	---	ND	---	---	---	30%	
2,2-Dichloropropane	ND	---	0.200	mg/kg dry	100	---	ND	---	---	---	30%	
1,1-Dichloropropene	ND	---	0.200	mg/kg dry	100	---	ND	---	---	---	30%	
cis-1,3-Dichloropropene	ND	---	0.200	mg/kg dry	100	---	ND	---	---	---	30%	
trans-1,3-Dichloropropene	ND	---	0.200	mg/kg dry	100	---	ND	---	---	---	30%	
Ethylbenzene	ND	---	0.0998	mg/kg dry	100	---	ND	---	---	---	30%	
Hexachlorobutadiene	ND	---	0.399	mg/kg dry	100	---	ND	---	---	---	30%	
2-Hexanone	ND	---	2.00	mg/kg dry	100	---	ND	---	---	---	30%	
Isopropylbenzene	ND	---	0.200	mg/kg dry	100	---	ND	---	---	---	30%	
4-Isopropyltoluene	ND	---	0.200	mg/kg dry	100	---	ND	---	---	---	30%	
Methylene chloride	ND	---	2.00	mg/kg dry	100	---	ND	---	---	---	30%	
4-Methyl-2-pentanone (MiBK)	ND	---	2.00	mg/kg dry	100	---	ND	---	---	---	30%	
Methyl tert-butyl ether (MTBE)	ND	---	0.200	mg/kg dry	100	---	ND	---	---	---	30%	
Naphthalene	1.72	---	0.399	mg/kg dry	100	---	1.75	---	---	2	30%	
n-Propylbenzene	ND	---	0.0998	mg/kg dry	100	---	0.110	---	---	***	30%	
Styrene	ND	---	0.200	mg/kg dry	100	---	ND	---	---	---	30%	
1,1,1,2-Tetrachloroethane	ND	---	0.0998	mg/kg dry	100	---	ND	---	---	---	30%	
1,1,2,2-Tetrachloroethane	ND	---	0.200	mg/kg dry	100	---	ND	---	---	---	30%	
Tetrachloroethene (PCE)	ND	---	0.0998	mg/kg dry	100	---	ND	---	---	---	30%	
Toluene	ND	---	0.200	mg/kg dry	100	---	ND	---	---	---	30%	
1,2,3-Trichlorobenzene	ND	---	0.998	mg/kg dry	100	---	ND	---	---	---	30%	
1,2,4-Trichlorobenzene	ND	---	0.998	mg/kg dry	100	---	ND	---	---	---	30%	
1,1,1-Trichloroethane	ND	---	0.0998	mg/kg dry	100	---	ND	---	---	---	30%	

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503-718-2323
ORELAP ID: OR100062

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project#: 1555 Monmouth St 25-70154 Project Manager: Erick Gonzalez	Report ID: A5G1544 - 09 14 25 1700
---	--	---

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25G1045 - EPA 5035A						Soil						
Duplicate (25G1045-DUP1)		Prepared: 07/24/25 13:00 Analyzed: 07/31/25 17:12										
QC Source Sample: 25-70154 SF(IT)-78" (A5G1544-02)												
1,1,2-Trichloroethane	ND	---	0.0998	mg/kg dry	100	---	ND	---	---	---	30%	
Trichloroethene (TCE)	ND	---	0.0998	mg/kg dry	100	---	ND	---	---	---	30%	
Trichlorofluoromethane	ND	---	0.998	mg/kg dry	100	---	ND	---	---	---	30%	
1,2,3-Trichloropropane	ND	---	0.200	mg/kg dry	100	---	ND	---	---	---	30%	
1,2,4-Trimethylbenzene	0.910	---	0.200	mg/kg dry	100	---	0.934	---	---	3	30%	
1,3,5-Trimethylbenzene	0.229	---	0.200	mg/kg dry	100	---	0.239	---	---	4	30%	
Vinyl chloride	ND	---	0.0998	mg/kg dry	100	---	ND	---	---	---	30%	
m,p-Xylene	0.317	---	0.200	mg/kg dry	100	---	0.331	---	---	4	30%	
o-Xylene	0.156	---	0.0998	mg/kg dry	100	---	0.168	---	---	7	30%	
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 100 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>101 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>96 %</i>		<i>79-120 %</i>		<i>"</i>						

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503-718-2323
ORELAP ID: OR100062

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project#: 1555 Monmouth St 25-70154 Project Manager: Erick Gonzalez	Report ID: A5G1544 - 09 14 25 1700
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QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25H0032 - EPA 5035A						Soil						
Blank (25H0032-BLK1)		Prepared: 08/01/25 09:00 Analyzed: 08/01/25 14:05										
<u>5035A/8260D</u>												
Acetone	ND	---	1.00	mg/kg wet	50	---	---	---	---	---	---	---
Acrylonitrile	ND	---	0.100	mg/kg wet	50	---	---	---	---	---	---	---
Benzene	ND	---	0.0100	mg/kg wet	50	---	---	---	---	---	---	---
Bromobenzene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	---
Bromochloromethane	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
Bromodichloromethane	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
Bromoform	ND	---	0.100	mg/kg wet	50	---	---	---	---	---	---	---
Bromomethane	ND	---	0.500	mg/kg wet	50	---	---	---	---	---	---	---
2-Butanone (MEK)	ND	---	0.500	mg/kg wet	50	---	---	---	---	---	---	---
n-Butylbenzene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
sec-Butylbenzene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
tert-Butylbenzene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
Carbon disulfide	ND	---	0.500	mg/kg wet	50	---	---	---	---	---	---	---
Carbon tetrachloride	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
Chlorobenzene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	---
Chloroethane	ND	---	0.500	mg/kg wet	50	---	---	---	---	---	---	---
Chloroform	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
Chloromethane	ND	---	0.250	mg/kg wet	50	---	---	---	---	---	---	---
2-Chlorotoluene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
4-Chlorotoluene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
Dibromochloromethane	ND	---	0.100	mg/kg wet	50	---	---	---	---	---	---	---
1,2-Dibromo-3-chloropropane	ND	---	0.250	mg/kg wet	50	---	---	---	---	---	---	---
1,2-Dibromoethane (EDB)	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
Dibromomethane	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	---
1,2-Dichlorobenzene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	---
1,3-Dichlorobenzene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	---
1,4-Dichlorobenzene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	---
Dichlorodifluoromethane	ND	---	0.100	mg/kg wet	50	---	---	---	---	---	---	---
1,1-Dichloroethane	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	---
1,2-Dichloroethane (EDC)	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	---
1,1-Dichloroethene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	---
cis-1,2-Dichloroethene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	---
trans-1,2-Dichloroethene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	---

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ORELAP ID: OR100062

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project#: 1555 Monmouth St 25-70154 Project Manager: Erick Gonzalez	Report ID: A5G1544 - 09 14 25 1700
---	--	--

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25H0032 - EPA 5035A						Soil						
Blank (25H0032-BLK1)		Prepared: 08/01/25 09:00		Analyzed: 08/01/25 14:05								
1,2-Dichloropropane	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
1,3-Dichloropropane	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
2,2-Dichloropropane	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
1,1-Dichloropropene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
cis-1,3-Dichloropropene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
trans-1,3-Dichloropropene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
Hexachlorobutadiene	ND	---	0.100	mg/kg wet	50	---	---	---	---	---	---	
2-Hexanone	ND	---	0.500	mg/kg wet	50	---	---	---	---	---	---	
Isopropylbenzene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
4-Isopropyltoluene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
Methylene chloride	ND	---	0.500	mg/kg wet	50	---	---	---	---	---	---	
4-Methyl-2-pentanone (MiBK)	ND	---	0.500	mg/kg wet	50	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
Naphthalene	ND	---	0.100	mg/kg wet	50	---	---	---	---	---	---	
n-Propylbenzene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
Styrene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
1,1,1,2-Tetrachloroethane	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
1,1,2,2-Tetrachloroethane	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
Tetrachloroethene (PCE)	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
Toluene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichlorobenzene	ND	---	0.250	mg/kg wet	50	---	---	---	---	---	---	
1,2,4-Trichlorobenzene	ND	---	0.250	mg/kg wet	50	---	---	---	---	---	---	
1,1,1-Trichloroethane	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
1,1,2-Trichloroethane	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
Trichloroethene (TCE)	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
Trichlorofluoromethane	ND	---	0.250	mg/kg wet	50	---	---	---	---	---	---	
1,2,3-Trichloropropane	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	---	---	---	---	---	---	
Vinyl chloride	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	
m,p-Xylene	ND	---	0.0500	mg/kg wet	50	---	---	---	---	---	---	
o-Xylene	ND	---	0.0250	mg/kg wet	50	---	---	---	---	---	---	

Surr: 1,4-Difluorobenzene (Surr) Recovery: 100 % Limits: 80-120 % Dilution: 1x

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project#: 1555 Monmouth St 25-70154 Project Manager: Erick Gonzalez	Report ID: A5G1544 - 09 14 25 1700
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QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25H0032 - EPA 5035A						Soil						
Blank (25H0032-BLK1)		Prepared: 08/01/25 09:00		Analyzed: 08/01/25 14:05								
<i>Surr: Toluene-d8 (Surr)</i>		Recovery: 101 %		Limits: 80-120 %		Dilution: 1x						
<i>4-Bromofluorobenzene (Surr)</i>		99 %		79-120 %		"						
LCS (25H0032-BS1)						Prepared: 08/01/25 09:00		Analyzed: 08/01/25 13:08				
5035A/8260D												
Acetone	2.27	---	1.00	mg/kg wet	50	2.00	---	113	80 - 120%	---	---	
Acrylonitrile	1.14	---	0.100	mg/kg wet	50	1.00	---	114	80 - 120%	---	---	
Benzene	1.10	---	0.0100	mg/kg wet	50	1.00	---	110	80 - 120%	---	---	
Bromobenzene	1.04	---	0.0250	mg/kg wet	50	1.00	---	104	80 - 120%	---	---	
Bromochloromethane	1.21	---	0.0500	mg/kg wet	50	1.00	---	121	80 - 120%	---	---	Q-56
Bromodichloromethane	1.25	---	0.0500	mg/kg wet	50	1.00	---	125	80 - 120%	---	---	Q-56
Bromoform	1.01	---	0.100	mg/kg wet	50	1.00	---	101	80 - 120%	---	---	
Bromomethane	1.22	---	0.500	mg/kg wet	50	1.00	---	122	80 - 120%	---	---	Q-56
2-Butanone (MEK)	2.30	---	0.500	mg/kg wet	50	2.00	---	115	80 - 120%	---	---	
n-Butylbenzene	1.09	---	0.0500	mg/kg wet	50	1.00	---	109	80 - 120%	---	---	
sec-Butylbenzene	1.11	---	0.0500	mg/kg wet	50	1.00	---	111	80 - 120%	---	---	
tert-Butylbenzene	1.05	---	0.0500	mg/kg wet	50	1.00	---	105	80 - 120%	---	---	
Carbon disulfide	1.09	---	0.500	mg/kg wet	50	1.00	---	109	80 - 120%	---	---	
Carbon tetrachloride	1.18	---	0.0500	mg/kg wet	50	1.00	---	118	80 - 120%	---	---	
Chlorobenzene	1.07	---	0.0250	mg/kg wet	50	1.00	---	107	80 - 120%	---	---	
Chloroethane	1.32	---	0.500	mg/kg wet	50	1.00	---	132	80 - 120%	---	---	Q-56
Chloroform	1.17	---	0.0500	mg/kg wet	50	1.00	---	117	80 - 120%	---	---	
Chloromethane	1.01	---	0.250	mg/kg wet	50	1.00	---	101	80 - 120%	---	---	
2-Chlorotoluene	1.05	---	0.0500	mg/kg wet	50	1.00	---	105	80 - 120%	---	---	
4-Chlorotoluene	1.12	---	0.0500	mg/kg wet	50	1.00	---	112	80 - 120%	---	---	
Dibromochloromethane	1.12	---	0.100	mg/kg wet	50	1.00	---	112	80 - 120%	---	---	
1,2-Dibromo-3-chloropropane	0.930	---	0.250	mg/kg wet	50	1.00	---	93	80 - 120%	---	---	
1,2-Dibromoethane (EDB)	1.12	---	0.0500	mg/kg wet	50	1.00	---	112	80 - 120%	---	---	
Dibromomethane	1.15	---	0.0500	mg/kg wet	50	1.00	---	115	80 - 120%	---	---	
1,2-Dichlorobenzene	1.09	---	0.0250	mg/kg wet	50	1.00	---	109	80 - 120%	---	---	
1,3-Dichlorobenzene	1.08	---	0.0250	mg/kg wet	50	1.00	---	108	80 - 120%	---	---	
1,4-Dichlorobenzene	1.08	---	0.0250	mg/kg wet	50	1.00	---	108	80 - 120%	---	---	
Dichlorodifluoromethane	1.23	---	0.100	mg/kg wet	50	1.00	---	123	80 - 120%	---	---	Q-56
1,1-Dichloroethane	1.19	---	0.0250	mg/kg wet	50	1.00	---	119	80 - 120%	---	---	

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ORELAP ID: OR100062

Alpha Environmental	Project#: 1555 Monmouth St 25-70154	
11080 SW Allen Blvd, Suite 100		Report ID:
Beaverton, OR 97005	Project Manager: Erick Gonzalez	A5G1544 - 09 14 25 1700

QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25H0032 - EPA 5035A						Soil						
LCS (25H0032-BS1)			Prepared: 08/01/25 09:00		Analyzed: 08/01/25 13:08							
1,2-Dichloroethane (EDC)	1.26	---	0.0250	mg/kg wet	50	1.00	---	126	80 - 120%	---	---	Q-56
1,1-Dichloroethene	1.27	---	0.0250	mg/kg wet	50	1.00	---	127	80 - 120%	---	---	Q-56
cis-1,2-Dichloroethene	1.20	---	0.0250	mg/kg wet	50	1.00	---	120	80 - 120%	---	---	
trans-1,2-Dichloroethene	1.16	---	0.0250	mg/kg wet	50	1.00	---	116	80 - 120%	---	---	
1,2-Dichloropropane	1.16	---	0.0250	mg/kg wet	50	1.00	---	116	80 - 120%	---	---	
1,3-Dichloropropane	1.13	---	0.0500	mg/kg wet	50	1.00	---	113	80 - 120%	---	---	
2,2-Dichloropropane	1.35	---	0.0500	mg/kg wet	50	1.00	---	135	80 - 120%	---	---	Q-56
1,1-Dichloropropene	1.16	---	0.0500	mg/kg wet	50	1.00	---	116	80 - 120%	---	---	
cis-1,3-Dichloropropene	1.19	---	0.0500	mg/kg wet	50	1.00	---	119	80 - 120%	---	---	
trans-1,3-Dichloropropene	1.22	---	0.0500	mg/kg wet	50	1.00	---	122	80 - 120%	---	---	Q-56
Ethylbenzene	1.08	---	0.0250	mg/kg wet	50	1.00	---	108	80 - 120%	---	---	
Hexachlorobutadiene	1.02	---	0.100	mg/kg wet	50	1.00	---	102	80 - 120%	---	---	
2-Hexanone	2.08	---	0.500	mg/kg wet	50	2.00	---	104	80 - 120%	---	---	
Isopropylbenzene	1.04	---	0.0500	mg/kg wet	50	1.00	---	104	80 - 120%	---	---	
4-Isopropyltoluene	1.03	---	0.0500	mg/kg wet	50	1.00	---	103	80 - 120%	---	---	
Methylene chloride	1.04	---	0.500	mg/kg wet	50	1.00	---	104	80 - 120%	---	---	
4-Methyl-2-pentanone (MiBK)	2.17	---	0.500	mg/kg wet	50	2.00	---	109	80 - 120%	---	---	
Methyl tert-butyl ether (MTBE)	1.03	---	0.0500	mg/kg wet	50	1.00	---	103	80 - 120%	---	---	
Naphthalene	0.981	---	0.100	mg/kg wet	50	1.00	---	98	80 - 120%	---	---	
n-Propylbenzene	1.11	---	0.0250	mg/kg wet	50	1.00	---	111	80 - 120%	---	---	
Styrene	0.970	---	0.0500	mg/kg wet	50	1.00	---	97	80 - 120%	---	---	
1,1,1,2-Tetrachloroethane	1.16	---	0.0250	mg/kg wet	50	1.00	---	116	80 - 120%	---	---	
1,1,2,2-Tetrachloroethane	1.31	---	0.0500	mg/kg wet	50	1.00	---	131	80 - 120%	---	---	Q-56
Tetrachloroethene (PCE)	1.01	---	0.0250	mg/kg wet	50	1.00	---	101	80 - 120%	---	---	
Toluene	0.994	---	0.0500	mg/kg wet	50	1.00	---	99	80 - 120%	---	---	
1,2,3-Trichlorobenzene	0.989	---	0.250	mg/kg wet	50	1.00	---	99	80 - 120%	---	---	
1,2,4-Trichlorobenzene	0.936	---	0.250	mg/kg wet	50	1.00	---	94	80 - 120%	---	---	
1,1,1-Trichloroethane	1.26	---	0.0250	mg/kg wet	50	1.00	---	126	80 - 120%	---	---	Q-56
1,1,2-Trichloroethane	1.13	---	0.0250	mg/kg wet	50	1.00	---	113	80 - 120%	---	---	
Trichloroethene (TCE)	0.968	---	0.0250	mg/kg wet	50	1.00	---	97	80 - 120%	---	---	
Trichlorofluoromethane	1.47	---	0.250	mg/kg wet	50	1.00	---	147	80 - 120%	---	---	Q-56
1,2,3-Trichloropropane	1.11	---	0.0500	mg/kg wet	50	1.00	---	111	80 - 120%	---	---	
1,2,4-Trimethylbenzene	1.09	---	0.0500	mg/kg wet	50	1.00	---	109	80 - 120%	---	---	
1,3,5-Trimethylbenzene	1.11	---	0.0500	mg/kg wet	50	1.00	---	111	80 - 120%	---	---	

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Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project#: 1555 Monmouth St 25-70154 Project Manager: Erick Gonzalez	Report ID: A5G1544 - 09 14 25 1700
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QUALITY CONTROL (QC) SAMPLE RESULTS

Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25H0032 - EPA 5035A						Soil						
LCS (25H0032-BS1)		Prepared: 08/01/25 09:00 Analyzed: 08/01/25 13:08										
Vinyl chloride	1.20	---	0.0250	mg/kg wet	50	1.00	---	120	80 - 120%	---	---	
m,p-Xylene	2.25	---	0.0500	mg/kg wet	50	2.00	---	113	80 - 120%	---	---	
o-Xylene	1.06	---	0.0250	mg/kg wet	50	1.00	---	106	80 - 120%	---	---	
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 99 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>101 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>94 %</i>		<i>79-120 %</i>		<i>"</i>						

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

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QUALITY CONTROL (QC) SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes	
Batch 25G0958 - EPA 3546						Soil							
Blank (25G0958-BLK1)		Prepared: 07/29/25 11:27 Analyzed: 07/31/25 11:36						C-07					
EPA 8082A													
Aroclor 1016	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---		
Aroclor 1221	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---		
Aroclor 1232	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---		
Aroclor 1242	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---		
Aroclor 1248	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---		
Aroclor 1254	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---		
Aroclor 1260	ND	---	0.0100	mg/kg wet	1	---	---	---	---	---	---		
<i>Surr: Decachlorobiphenyl (Surr)</i>		<i>Recovery: 107 %</i>		<i>Limits: 60-125 %</i>		<i>Dilution: 1x</i>							
LCS (25G0958-BS1)		Prepared: 07/29/25 11:27 Analyzed: 07/31/25 11:54						C-07					
EPA 8082A													
Aroclor 1016	0.221	---	0.0100	mg/kg wet	1	0.250	---	88	47 - 134%	---	---		
Aroclor 1260	0.233	---	0.0100	mg/kg wet	1	0.250	---	93	53 - 140%	---	---		
<i>Surr: Decachlorobiphenyl (Surr)</i>		<i>Recovery: 112 %</i>		<i>Limits: 60-125 %</i>		<i>Dilution: 1x</i>							

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

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QUALITY CONTROL (QC) SAMPLE RESULTS

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 25H0071 - EPA 3051A						Soil						
Blank (25H0071-BLK1)		Prepared: 08/04/25 09:48 Analyzed: 08/04/25 21:59										
<u>EPA 6020B</u>												
Cadmium	ND	---	0.200	mg/kg wet	10	---	---	---	---	---	---	
Chromium	ND	---	1.00	mg/kg wet	10	---	---	---	---	---	---	
Blank (25H0071-BLK2)		Prepared: 08/04/25 09:48 Analyzed: 08/04/25 22:04										
<u>EPA 6020B</u>												
Chromium	35.7	---	1.11	mg/kg wet	10	---	---	---	---	---	---	RSM_B,A-01a, B
LCS (25H0071-BS1)		Prepared: 08/04/25 09:48 Analyzed: 08/04/25 22:19										
<u>EPA 6020B</u>												
Cadmium	50.5	---	0.200	mg/kg wet	10	50.0	---	101	80 - 120%	---	---	
Chromium	51.1	---	1.00	mg/kg wet	10	50.0	---	102	80 - 120%	---	---	B

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

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QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25G0821 - 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: NWTPH-HCID (Soil)					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 25G0965</u>							
A5G1544-01	Soil	NWTPH-HCID	07/24/25 11:00	07/29/25 13:18	10.37g/10mL	10g/10mL	0.96
A5G1544-02	Soil	NWTPH-HCID	07/24/25 13:00	07/29/25 13:18	10.35g/10mL	10g/10mL	0.97
A5G1544-03	Soil	NWTPH-HCID	07/24/25 13:00	07/29/25 13:18	10.03g/10mL	10g/10mL	1.00

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Prep: EPA 3546 (Fuels)					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 25G0802</u>							
A5G1544-01	Soil	NWTPH-Dx	07/24/25 11:00	07/24/25 17:48	11.26g/5mL	10g/5mL	0.89
A5G1544-02	Soil	NWTPH-Dx	07/24/25 13:00	07/24/25 17:48	11.18g/5mL	10g/5mL	0.89
A5G1544-03	Soil	NWTPH-Dx	07/24/25 13:00	07/24/25 17:48	11.8g/5mL	10g/5mL	0.85

Volatile Organic Compounds by EPA 8260D

Prep: EPA 5035A					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 25G1045</u>							
A5G1544-02	Soil	5035A/8260D	07/24/25 13:00	07/24/25 13:00	3.45g/5mL	5g/5mL	1.45
<u>Batch: 25H0032</u>							
A5G1544-02RE1	Soil	5035A/8260D	07/24/25 13:00	07/24/25 13:00	3.45g/5mL	5g/5mL	1.45

Polychlorinated Biphenyls by EPA 8082A

Prep: EPA 3546					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 25G0958</u>							
A5G1544-02	Soil	EPA 8082A	07/24/25 13:00	07/29/25 11:27	11.61g/5mL	10g/5mL	0.86

Total Metals by EPA 6020B (ICPMS)

Prep: EPA 3051A					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 25H0071</u>							
A5G1544-02	Soil	EPA 6020B	07/24/25 13:00	08/04/25 09:48	0.46g/50mL	0.5g/50mL	1.09

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SAMPLE PREPARATION INFORMATION

Percent Dry Weight

Prep: Dry Weight Prep (EPA 8000D)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 25G0821</u>							
A5G1544-01	Soil	EPA 8000D	07/24/25 11:00	07/24/25 19:03	1g	1g	1.00
A5G1544-02	Soil	EPA 8000D	07/24/25 13:00	07/24/25 19:03	1g	1g	1.00
A5G1544-03	Soil	EPA 8000D	07/24/25 13:00	07/24/25 19:03	1g	1g	1.00

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Table with 3 columns: Client/Address, Project Info, and Report ID. Row 1: Alpha Environmental, 11080 SW Allen Blvd, Suite 100, Beaverton, OR 97005; Project#: 1555 Monmouth St 25-70154; Report ID: A5G1544 - 09 14 25 1700.

QUALIFIER DEFINITIONS

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

Apex Laboratories

- A-01 Diesel result is impacted by overlap from an Oil Range product.
A-01a RSM Blank hit only affects processed work order A5G1509.
B Analyte detected in an associated blank at a level above the MRL. (See Notes and Conventions below.)
C-07 Extract has undergone Sulfuric Acid Cleanup by EPA 3665A, Sulfur Cleanup by EPA 3660B, and Florisil Cleanup by EPA 3620B in order to minimize matrix interference.
Q-56 Daily CCV/LCS recovery for this analyte was above the +/-20% criteria listed in EPA 8260. Samples that are ND (Non-Detect) are not impacted.
RR-1 Not Reported - Overdiluted. Sample will be Rerun.
RSM_B RSM Preparation Blank. Batch: 25G0826.
S-05 Surrogate recovery is estimated due to sample dilution required for high analyte concentration and/or matrix interference.

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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 and Detection Limits: Default Limits

Default Reporting and Detection Limits are based on 100% dry weight with the minimum dilution for the analysis. Reporting and Detection Limits are raised due to moisture content, additional dilutions required for analysis, matrix interferences and in other cases, as necessary.

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).

Apex Laboratories

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project#: 1555 Monmouth St 25-70154 Project Manager: Erick Gonzalez	Report ID: A5G1544 - 09 14 25 1700
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REPORTING NOTES AND CONVENTIONS (Cont.):

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.

For further details, please request a copy of this document.

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.

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	Project Manager: Erick Gonzalez	

Decanted Samples:

Soils/Sediments:

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

Water Samples:

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

Volatiles Soils (5035s)

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

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

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LABORATORY ACCREDITATION INFORMATION

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

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

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation
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All reported analytes are included in Apex Laboratories' current ORELAP scope.

Secondary Accreditations

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

Subcontract Laboratory Accreditations

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

Field Testing Parameters

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

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APEX LABS COOLER RECEIPT FORM

Client: Alpha Element WO#: A5 G1544
 Project/Project #: 1555 Monmouth st 25-70154

Delivery Info:
 Date/time received: 7/24/25 @ 1630 By: EST
 Delivered by: Apex Client ESS FedEx UPS Radio Morgan SDS Evergreen Other

From USDA Regulated Origin? Yes No
Cooler Inspection Date/time inspected: 7/24/25 @ 1658 By: EST

Chain of Custody included? Yes No
 Signed/dated by client? Yes No
 Contains USDA Reg. Soils? Yes No Unsure (email RegSoils)

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	<u>3.0</u>						
Custody seals? (Y/N)	<u>N</u>						
Received on ice? (Y/N)	<u>Y</u>						
Temp. blanks? (Y/N)	<u>Y</u>						
Ice type: (Gel/Real/Other)	<u>gel</u>						
Condition (In/Out):	<u>In</u>						

Cooler out of temp? (Y/N) Possible reason why: _____
 Green dots applied to out of temperature samples? Yes No
 Out of temperature samples form initiated? Yes No
Sample Inspection: Date/time inspected: 7/24/25 @ 1706 By: EW
 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: EW Witness: ES Cooler Inspected by: ES
 Form Y-003 R-02



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

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

Monday, October 20, 2025
Jim Cooper
Alpha Environmental
11080 SW Allen Blvd, Suite 100
Beaverton, OR 97005

RE: A5J1185 - Default- Env Dept. - 1555 Monmouth St. 25-68929

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 A5J1185, which was received by the laboratory on 10/6/2025 at 4:40:00PM.

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 0.9 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

Cobrien (handwritten signature)

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ORELAP ID: OR100062

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project: Default- Env Dept. Project Number: 1555 Monmouth St. 25-6892 Project Manager: Jim Cooper	Report ID: A5J1185 - 10 20 25 1743
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ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
25-68929 B1	A5J1185-01	Water	10/06/25 10:00	10/06/25 16:40
25-68929 B2	A5J1185-02	Water	10/06/25 11:00	10/06/25 16:40
25-68929 B2-Dup	A5J1185-03	Water	10/06/25 11:30	10/06/25 16:40
25-68929 B3	A5J1185-04	Water	10/06/25 12:00	10/06/25 16:40
25-68929 B4	A5J1185-05	Water	10/06/25 13:00	10/06/25 16:40
Trip	A5J1185-06	Water	10/06/25 00:00	10/06/25 16:40

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Cameron O'Brien, Project Manager



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ANALYTICAL CASE NARRATIVE

Work Order: **A5J1185** **Apex Laboratories**

Amended Report Revision 1

This report supersedes all previous reports.

The Final Report has been amended to include NWTPH-Dx results for all samples, aside from the Trip Blank (Apex Lab WO A5J1185).

Cameron O'Brien
Project Manager
10/13/25

Apex Laboratories

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Cameron O'Brien, Project Manager



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ANALYTICAL SAMPLE RESULTS

Hydrocarbon Identification Screen by NWTPH-HCID

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
25-68929 B1 (A5J1185-01)				Matrix: Water		Batch: 25J0218		DCNT
Gasoline Range Organics	ND	---	101	ug/L	1	10/07/25 22:57	NWTPH-HCID	
Diesel Range Organics	ND	---	253	ug/L	1	10/07/25 22:57	NWTPH-HCID	
Oil Range Organics	ND	---	253	ug/L	1	10/07/25 22:57	NWTPH-HCID	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 92 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>10/07/25 22:57</i>	<i>NWTPH-HCID</i>	
<i>4-Bromofluorobenzene (Surr)</i>			<i>78 %</i>	<i>10-120 %</i>	<i>1</i>	<i>10/07/25 22:57</i>	<i>NWTPH-HCID</i>	
25-68929 B2 (A5J1185-02)				Matrix: Water		Batch: 25J0218		DCNT
Gasoline Range Organics	ND	---	98.0	ug/L	1	10/07/25 23:21	NWTPH-HCID	
Diesel Range Organics	ND	---	245	ug/L	1	10/07/25 23:21	NWTPH-HCID	
Oil Range Organics	ND	---	245	ug/L	1	10/07/25 23:21	NWTPH-HCID	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 95 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>10/07/25 23:21</i>	<i>NWTPH-HCID</i>	
<i>4-Bromofluorobenzene (Surr)</i>			<i>80 %</i>	<i>10-120 %</i>	<i>1</i>	<i>10/07/25 23:21</i>	<i>NWTPH-HCID</i>	
25-68929 B2-Dup (A5J1185-03)				Matrix: Water		Batch: 25J0218		DCNT
Gasoline Range Organics	ND	---	102	ug/L	1	10/07/25 23:45	NWTPH-HCID	
Diesel Range Organics	ND	---	255	ug/L	1	10/07/25 23:45	NWTPH-HCID	
Oil Range Organics	ND	---	255	ug/L	1	10/07/25 23:45	NWTPH-HCID	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 90 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>10/07/25 23:45</i>	<i>NWTPH-HCID</i>	
<i>4-Bromofluorobenzene (Surr)</i>			<i>78 %</i>	<i>10-120 %</i>	<i>1</i>	<i>10/07/25 23:45</i>	<i>NWTPH-HCID</i>	
25-68929 B3 (A5J1185-04)				Matrix: Water		Batch: 25J0218		DCNT
Gasoline Range Organics	ND	---	99.0	ug/L	1	10/08/25 00:33	NWTPH-HCID	
Diesel Range Organics	ND	---	248	ug/L	1	10/08/25 00:33	NWTPH-HCID	
Oil Range Organics	ND	---	248	ug/L	1	10/08/25 00:33	NWTPH-HCID	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 89 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>10/08/25 00:33</i>	<i>NWTPH-HCID</i>	
<i>4-Bromofluorobenzene (Surr)</i>			<i>78 %</i>	<i>10-120 %</i>	<i>1</i>	<i>10/08/25 00:33</i>	<i>NWTPH-HCID</i>	
25-68929 B4 (A5J1185-05)				Matrix: Water		Batch: 25J0218		DCNT
Gasoline Range Organics	ND	---	100	ug/L	1	10/08/25 00:56	NWTPH-HCID	
Diesel Range Organics	ND	---	250	ug/L	1	10/08/25 00:56	NWTPH-HCID	
Oil Range Organics	ND	---	250	ug/L	1	10/08/25 00:56	NWTPH-HCID	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 88 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>10/08/25 00:56</i>	<i>NWTPH-HCID</i>	
<i>4-Bromofluorobenzene (Surr)</i>			<i>77 %</i>	<i>10-120 %</i>	<i>1</i>	<i>10/08/25 00:56</i>	<i>NWTPH-HCID</i>	

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Cameron O'Brien, Project Manager



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project: Default- Env Dept. Project Number: 1555 Monmouth St. 25-6892 Project Manager: Jim Cooper	Report ID: A5J1185 - 10 20 25 1743
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ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
25-68929 B1 (A5J1185-01)				Matrix: Water		Batch: 25J0218		DCNT
Diesel	ND	---	202	ug/L	1	10/07/25 22:57	NWTPH-Dx	
Oil	ND	---	404	ug/L	1	10/07/25 22:57	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 92 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>10/07/25 22:57</i>	<i>NWTPH-Dx</i>	
25-68929 B2 (A5J1185-02)				Matrix: Water		Batch: 25J0218		DCNT
Diesel	ND	---	196	ug/L	1	10/07/25 23:21	NWTPH-Dx	
Oil	ND	---	392	ug/L	1	10/07/25 23:21	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 95 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>10/07/25 23:21</i>	<i>NWTPH-Dx</i>	
25-68929 B2-Dup (A5J1185-03)				Matrix: Water		Batch: 25J0218		DCNT
Diesel	ND	---	204	ug/L	1	10/07/25 23:45	NWTPH-Dx	
Oil	ND	---	408	ug/L	1	10/07/25 23:45	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 90 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>10/07/25 23:45</i>	<i>NWTPH-Dx</i>	
25-68929 B3 (A5J1185-04)				Matrix: Water		Batch: 25J0218		DCNT
Diesel	ND	---	198	ug/L	1	10/08/25 00:33	NWTPH-Dx	
Oil	ND	---	396	ug/L	1	10/08/25 00:33	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 89 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>10/08/25 00:33</i>	<i>NWTPH-Dx</i>	
25-68929 B4 (A5J1185-05)				Matrix: Water		Batch: 25J0218		DCNT
Diesel	ND	---	200	ug/L	1	10/08/25 00:56	NWTPH-Dx	
Oil	ND	---	400	ug/L	1	10/08/25 00:56	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>			<i>Recovery: 88 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>10/08/25 00:56</i>	<i>NWTPH-Dx</i>	

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Cameron O'Brien, Project Manager



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ANALYTICAL SAMPLE RESULTS

Selected Volatile Organic Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
Trip (A5J1185-06)			Matrix: Water			Batch: 25J0268		
Benzene	ND	---	0.200	ug/L	1	10/08/25 09:55	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	10/08/25 09:55	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	10/08/25 09:55	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	10/08/25 09:55	EPA 8260D	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	10/08/25 09:55	EPA 8260D	
Naphthalene	ND	---	5.00	ug/L	1	10/08/25 09:55	EPA 8260D	
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	10/08/25 09:55	EPA 8260D	
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	10/08/25 09:55	EPA 8260D	
Isopropylbenzene	ND	---	1.00	ug/L	1	10/08/25 09:55	EPA 8260D	
1,2,4-Trimethylbenzene	ND	---	1.00	ug/L	1	10/08/25 09:55	EPA 8260D	
1,3,5-Trimethylbenzene	ND	---	1.00	ug/L	1	10/08/25 09:55	EPA 8260D	
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 103 %</i>		<i>Limits: 80-120 %</i>		<i>1</i>	<i>10/08/25 09:55</i>	<i>EPA 8260D</i>
<i>Toluene-d8 (Surr)</i>		<i>105 %</i>		<i>80-120 %</i>		<i>1</i>	<i>10/08/25 09:55</i>	<i>EPA 8260D</i>
<i>4-Bromofluorobenzene (Surr)</i>		<i>102 %</i>		<i>80-120 %</i>		<i>1</i>	<i>10/08/25 09:55</i>	<i>EPA 8260D</i>

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Cameron O'Brien, Project Manager



ANALYTICAL REPORT

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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 25J0218 - EPA 3510C (Fuels/Acid Ext.)						Water						
Blank (25J0218-BLK1)		Prepared: 10/07/25 07:57 Analyzed: 10/07/25 20:58										
<u>NWTPH-HCID</u>												
Gasoline Range Organics	ND	---	100	ug/L	1	---	---	---	---	---	---	
Diesel Range Organics	ND	---	250	ug/L	1	---	---	---	---	---	---	
Oil Range Organics	ND	---	250	ug/L	1	---	---	---	---	---	---	
Surr: <i>o</i> -Terphenyl (Surr)		Recovery: 84 %		Limits: 50-150 %		Dilution: 1x						
4-Bromofluorobenzene (Surr)		61 %		10-120 %		"						

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

Apex Laboratories

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ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

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

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project: Default- Env Dept. Project Number: 1555 Monmouth St. 25-6892 Project Manager: Jim Cooper	Report ID: A5J1185 - 10 20 25 1743
---	--	---

QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25J0218 - EPA 3510C (Fuels/Acid Ext.)						Water						
Blank (25J0218-BLK1)		Prepared: 10/07/25 07:57 Analyzed: 10/07/25 20:58										
<u>NWTPH-Dx</u>												
Diesel	ND	---	200	ug/L	1	---	---	---	---	---	---	---
Oil	ND	---	400	ug/L	1	---	---	---	---	---	---	---
<i>Surr: o-Terphenyl (Surr)</i>		<i>Recovery: 77 %</i>			<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>					
LCS (25J0218-BS1)		Prepared: 10/07/25 07:57 Analyzed: 10/07/25 21:21										
<u>NWTPH-Dx</u>												
Diesel	973	---	200	ug/L	1	1250	---	78	36 - 132%	---	---	---
<i>Surr: o-Terphenyl (Surr)</i>		<i>Recovery: 87 %</i>			<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>					
LCS Dup (25J0218-BSD1)		Prepared: 10/07/25 07:57 Analyzed: 10/07/25 21:45 Q-19										
<u>NWTPH-Dx</u>												
Diesel	903	---	200	ug/L	1	1250	---	72	36 - 132%	7	30%	---
<i>Surr: o-Terphenyl (Surr)</i>		<i>Recovery: 76 %</i>			<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>					

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

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QUALITY CONTROL (QC) SAMPLE RESULTS

Selected Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25J0268 - EPA 5030C						Water						
Blank (25J0268-BLK1)		Prepared: 10/08/25 06:51 Analyzed: 10/08/25 09:02										
EPA 8260D												
Benzene	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
Toluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Xylenes, total	ND	---	1.50	ug/L	1	---	---	---	---	---	---	
Methyl tert-butyl ether (MTBE)	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Naphthalene	ND	---	5.00	ug/L	1	---	---	---	---	---	---	
1,2-Dibromoethane (EDB)	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
1,2-Dichloroethane (EDC)	ND	---	0.400	ug/L	1	---	---	---	---	---	---	
Isopropylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,2,4-Trimethylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
1,3,5-Trimethylbenzene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 104 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>105 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>100 %</i>		<i>80-120 %</i>		<i>"</i>						
LCS (25J0268-BS1)						Prepared: 10/08/25 06:51 Analyzed: 10/08/25 08:17						
EPA 8260D												
Benzene	20.5	---	0.200	ug/L	1	20.0	---	103	80 - 120%	---	---	
Toluene	20.1	---	1.00	ug/L	1	20.0	---	100	80 - 120%	---	---	
Ethylbenzene	20.8	---	0.500	ug/L	1	20.0	---	104	80 - 120%	---	---	
Xylenes, total	60.3	---	1.50	ug/L	1	60.0	---	101	80 - 120%	---	---	
Methyl tert-butyl ether (MTBE)	20.0	---	1.00	ug/L	1	20.0	---	100	80 - 120%	---	---	
Naphthalene	13.3	---	5.00	ug/L	1	20.0	---	67	80 - 120%	---	---	Q-55
1,2-Dibromoethane (EDB)	22.2	---	0.500	ug/L	1	20.0	---	111	80 - 120%	---	---	
1,2-Dichloroethane (EDC)	23.9	---	0.400	ug/L	1	20.0	---	120	80 - 120%	---	---	
Isopropylbenzene	17.9	---	1.00	ug/L	1	20.0	---	90	80 - 120%	---	---	
1,2,4-Trimethylbenzene	20.7	---	1.00	ug/L	1	20.0	---	104	80 - 120%	---	---	
1,3,5-Trimethylbenzene	20.5	---	1.00	ug/L	1	20.0	---	103	80 - 120%	---	---	
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 99 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>99 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>93 %</i>		<i>80-120 %</i>		<i>"</i>						

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Apex Laboratories, LLC

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ORELAP ID: OR100062

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project: Default- Env Dept. Project Number: 1555 Monmouth St. 25-6892 Project Manager: Jim Cooper	Report ID: A5J1185 - 10 20 25 1743
---	--	---

QUALITY CONTROL (QC) SAMPLE RESULTS

Selected Volatile Organic Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-----------------	-------	----------	--------------	---------------	-------	--------------	-----	-----------	-------

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

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Cameron O'Brien, Project Manager



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---	--	---

SAMPLE PREPARATION INFORMATION

Hydrocarbon Identification Screen by NWTPH-HCID

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

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 25J0218</u>							
A5J1185-01	Water	NWTPH-HCID	10/06/25 10:00	10/07/25 13:24	990mL/5mL	1000mL/5mL	1.01
A5J1185-02	Water	NWTPH-HCID	10/06/25 11:00	10/07/25 13:24	1020mL/5mL	1000mL/5mL	0.98
A5J1185-03	Water	NWTPH-HCID	10/06/25 11:30	10/07/25 13:24	980mL/5mL	1000mL/5mL	1.02
A5J1185-04	Water	NWTPH-HCID	10/06/25 12:00	10/07/25 13:24	1010mL/5mL	1000mL/5mL	0.99
A5J1185-05	Water	NWTPH-HCID	10/06/25 13:00	10/07/25 13:24	1000mL/5mL	1000mL/5mL	1.00

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

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

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 25J0218</u>							
A5J1185-01	Water	NWTPH-Dx	10/06/25 10:00	10/07/25 13:24	990mL/5mL	1000mL/5mL	1.01
A5J1185-02	Water	NWTPH-Dx	10/06/25 11:00	10/07/25 13:24	1020mL/5mL	1000mL/5mL	0.98
A5J1185-03	Water	NWTPH-Dx	10/06/25 11:30	10/07/25 13:24	980mL/5mL	1000mL/5mL	1.02
A5J1185-04	Water	NWTPH-Dx	10/06/25 12:00	10/07/25 13:24	1010mL/5mL	1000mL/5mL	0.99
A5J1185-05	Water	NWTPH-Dx	10/06/25 13:00	10/07/25 13:24	1000mL/5mL	1000mL/5mL	1.00

Selected Volatile Organic Compounds by EPA 8260D

Prep: EPA 5030C

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
<u>Batch: 25J0268</u>							
A5J1185-06	Water	EPA 8260D	10/06/25 00:00	10/08/25 08:53	5mL/5mL	5mL/5mL	1.00

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QUALIFIER DEFINITIONS

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

Apex Laboratories

- DCNT** Sample decanted due to the presence of sediment in water samples, or water in sediment or soil samples. (Note: Decanted aqueous sample bottles are not solvent rinsed.)
- Q-19** Blank Spike Duplicate (BSD) sample analyzed in place of Matrix Spike/Duplicate samples due to limited sample amount available for analysis.
- Q-55** Daily CCV/LCS recovery for this analyte was below the +/-20% criteria listed in EPA method 8260, however there is adequate sensitivity to ensure detection at the reporting level.

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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 and Detection Limits: Default Limits

Default Reporting and Detection Limits are based on 100% dry weight with the minimum dilution for the analysis. Reporting and Detection Limits are raised due to moisture content, additional dilutions required for analysis, matrix interferences and in other cases, as necessary.

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).

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REPORTING NOTES AND CONVENTIONS (Cont.):

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.

For further details, please request a copy of this document.

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.

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Decanted Samples:

Soils/Sediments:

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

Water Samples:

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

Volatiles Soils (5035s)

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

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

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---	--	--

LABORATORY ACCREDITATION INFORMATION

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

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

Apex Laboratories

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

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

Secondary Accreditations

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

Subcontract Laboratory Accreditations

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

Field Testing Parameters

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

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Alpha Environmental Project: **Default- Env Dept.**
11080 SW Allen Blvd, Suite 100 Project Number: **1555 Monmouth St. 25-6892**
Beaverton, OR 97005 Project Manager: **Jim Cooper** **Report ID:**
A5J1185 - 10 20 25 1743

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

CHAIN OF CUSTODY

Lab # A5J1185 of COC

Company: Alpha Project Mgr: Jim Project Name: 1555 Monmouth St Project #: 25-6892

Address: _____ Email: _____ PO # _____

Phone: _____

Sampled by: Tyler

Site Location: _____

State: OR County: _____

SAMPLE ID

DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCD	NWTPH-DX	NWTPH-GX	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pesticides	RCCA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn	TCLP METALS (8)	TOTAL DISS. TCLP	Hold Sample	Frozen Archive	
10/6/15	1000	W	5	1					X		*											
	1100	W	5	1																		
	1130	W	5	1																		
	1200	W	5	1																		
	1300	W	5	1																		
	1400	W	1	1																		
		Trip																				

SPECIAL INSTRUCTIONS:
Run HCID, if any hits run for

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: Julia Dunn Date: 10/6/15 Signature: _____ Date: 10/16/15
 RECEIVED BY: _____ Signature: _____ Date: _____

Printed Name: Tyler Guss Time: 1600 Signature: EX: JAW Date: 10/16/15
 RECEIVED BY: _____ Signature: _____ Date: _____

Printed Name: _____ Time: _____ Signature: _____ Date: _____

Company: APEX LABS Company: _____ Company: _____

Form Y-002 R-00

Apex Laboratories

CABri

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Alpha Environmental

11080 SW Allen Blvd, Suite 100

Beaverton, OR 97005

Project: Default- Env Dept.

Project Number: 1555 Monmouth St. 25-6892

Project Manager: Jim Cooper

Report ID:

A5J1185 - 10 20 25 1743

APEX LABS COOLER RECEIPT FORM

Client: Alpha Element WO#: A5J1185

Project/Project #: 1555 Monmouth St 25-68929

Delivery Info: Date/time received: 10/6/25 @ 1640 By: EST

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

From USDA Regulated Origin? Yes No NP X Date/time inspected: 10/6/25 @ 1708 By: EST

Cooler Inspection Chain of Custody included? Yes X No

Signed/dated by client? Yes X No

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

Table with 7 columns: Cooler #1 to Cooler #7. Rows include Temperature (0.9), Custody seals, Received on ice, Temp. blanks, Ice type (Gel), and Condition (In/Out).

Cooler out of temp? 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: 10/6/25 @ 17:30 By: JAM

All samples intact? Yes X No Comments:

Bottle labels/COCs agree? Yes X No V Comments: D on cons for B2-Dup reads 9/16/25 ic KN 10/6/25

COC/container discrepancies form initiated? Yes No X

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

Do VOA vials have visible headspace? Yes No X NA

Comments

Water samples: pH checked: Yes X No NA pH appropriate? Yes X No NA pH ID: A251271

Comments:

Labeled by: JAM

Witness: KN

Cooler Inspected by: EST Form Y-003 R-02

Apex Laboratories

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Cameron O'Brien signature

Cameron O'Brien, Project Manager



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

Monday, December 1, 2025

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

RE: A5K1385 - Default- Env Dept. - 1555 Monmouth St. 25-68929

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 A5K1385, which was received by the laboratory on 11/12/2025 at 4:33:00PM.

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 0.7 degC

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



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Cobrien (handwritten signature)

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Apex Laboratories, LLC

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Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project: Default- Env Dept. Project Number: 1555 Monmouth St. 25-6892 Project Manager: Jim Cooper	Report ID: A5K1385 - 12 01 25 1227
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ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
25-68929 B5	A5K1385-01	Water	11/11/25 15:00	11/12/25 16:33
25-68929 B5@6'	A5K1385-02	Soil	11/11/25 14:00	11/12/25 16:33

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ANALYTICAL CASE NARRATIVE

Work Order: **A5K1385** **Apex Laboratories**

Amended Report Revision 1

This report supersedes all previous reports.

The Final Report has been amended to include TCLP Cr, Cr, and Pb results for sample B5@6' (Apex Lab WO A5K1385-02).

Cameron O'Brien
Project Manager
11/20/25

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ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes	
25-68929 B5 (A5K1385-01)				Matrix: Water		Batch: 25K0578		DCNT	
Diesel	356	---	79.2	ug/L	1	11/17/25 10:08	NWTPH-Dx LL	F-15	
Oil	1110	---	158	ug/L	1	11/17/25 10:08	NWTPH-Dx LL	F-16	
<i>Surrogate: o-Terphenyl (Surr)</i>		<i>Recovery: 91 %</i>		<i>Limits: 50-150 %</i>		<i>1</i>	<i>11/17/25 10:08</i>	<i>NWTPH-Dx LL</i>	
25-68929 B5@6' (A5K1385-02RE1)				Matrix: Soil		Batch: 25K0524			
Diesel	ND	---	98.2	mg/kg dry	5	11/14/25 08:15	NWTPH-Dx		
Oil	2760	---	196	mg/kg dry	5	11/14/25 08:15	NWTPH-Dx		
<i>Surrogate: o-Terphenyl (Surr)</i>		<i>Recovery: 83 %</i>		<i>Limits: 50-150 %</i>		<i>5</i>	<i>11/14/25 08:15</i>	<i>NWTPH-Dx</i>	<i>S-05</i>

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ANALYTICAL SAMPLE RESULTS

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

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
25-68929 B5 (A5K1385-01)				Matrix: Water		Batch: 25K0691		DCNT
Acenaphthene	ND	---	0.0412	ug/L	1	11/18/25 16:05	EPA 8270E SIM	
Acenaphthylene	ND	---	0.0412	ug/L	1	11/18/25 16:05	EPA 8270E SIM	
Anthracene	0.105	---	0.0412	ug/L	1	11/18/25 16:05	EPA 8270E SIM	
Benz(a)anthracene	0.0742	---	0.0412	ug/L	1	11/18/25 16:05	EPA 8270E SIM	
Benzo(a)pyrene	ND	---	0.0412	ug/L	1	11/18/25 16:05	EPA 8270E SIM	
Benzo(b)fluoranthene	ND	---	0.0412	ug/L	1	11/18/25 16:05	EPA 8270E SIM	
Benzo(k)fluoranthene	ND	---	0.0412	ug/L	1	11/18/25 16:05	EPA 8270E SIM	
Benzo(g,h,i)perylene	0.0477	---	0.0412	ug/L	1	11/18/25 16:05	EPA 8270E SIM	
Chrysene	0.0438	---	0.0412	ug/L	1	11/18/25 16:05	EPA 8270E SIM	
Dibenz(a,h)anthracene	ND	---	0.0412	ug/L	1	11/18/25 16:05	EPA 8270E SIM	
Fluoranthene	0.137	---	0.0412	ug/L	1	11/18/25 16:05	EPA 8270E SIM	
Fluorene	0.0649	---	0.0412	ug/L	1	11/18/25 16:05	EPA 8270E SIM	
Indeno(1,2,3-cd)pyrene	ND	---	0.0412	ug/L	1	11/18/25 16:05	EPA 8270E SIM	
Naphthalene	0.224	---	0.0825	ug/L	1	11/18/25 16:05	EPA 8270E SIM	
Phenanthrene	0.0676	---	0.0412	ug/L	1	11/18/25 16:05	EPA 8270E SIM	
Pyrene	0.176	---	0.0412	ug/L	1	11/18/25 16:05	EPA 8270E SIM	
<i>Surrogate: 2-Fluorobiphenyl (Surr)</i>		<i>Recovery: 83 %</i>		<i>Limits: 44-120 %</i>		<i>1</i>	<i>11/18/25 16:05</i>	<i>EPA 8270E SIM</i>
<i>p-Terphenyl-d14 (Surr)</i>		<i>71 %</i>		<i>50-134 %</i>		<i>1</i>	<i>11/18/25 16:05</i>	<i>EPA 8270E SIM</i>

25-68929 B5@6' (A5K1385-02)				Matrix: Soil		Batch: 25K0530		
Acenaphthene	ND	---	0.0375	mg/kg dry	4	11/14/25 17:30	EPA 8270E SIM	
Acenaphthylene	ND	---	0.0375	mg/kg dry	4	11/14/25 17:30	EPA 8270E SIM	
Anthracene	ND	---	0.0375	mg/kg dry	4	11/14/25 17:30	EPA 8270E SIM	
Benz(a)anthracene	0.0806	---	0.0375	mg/kg dry	4	11/14/25 17:30	EPA 8270E SIM	
Benzo(a)pyrene	0.0395	---	0.0375	mg/kg dry	4	11/14/25 17:30	EPA 8270E SIM	
Benzo(b)fluoranthene	0.0536	---	0.0375	mg/kg dry	4	11/14/25 17:30	EPA 8270E SIM	
Benzo(k)fluoranthene	ND	---	0.0375	mg/kg dry	4	11/14/25 17:30	EPA 8270E SIM	
Benzo(g,h,i)perylene	0.0737	---	0.0375	mg/kg dry	4	11/14/25 17:30	EPA 8270E SIM	
Chrysene	0.0633	---	0.0375	mg/kg dry	4	11/14/25 17:30	EPA 8270E SIM	
Dibenz(a,h)anthracene	ND	---	0.0375	mg/kg dry	4	11/14/25 17:30	EPA 8270E SIM	
Fluoranthene	0.0826	---	0.0375	mg/kg dry	4	11/14/25 17:30	EPA 8270E SIM	
Fluorene	ND	---	0.0375	mg/kg dry	4	11/14/25 17:30	EPA 8270E SIM	
Indeno(1,2,3-cd)pyrene	ND	---	0.0375	mg/kg dry	4	11/14/25 17:30	EPA 8270E SIM	
Naphthalene	0.124	---	0.0375	mg/kg dry	4	11/14/25 17:30	EPA 8270E SIM	
Phenanthrene	0.106	---	0.0375	mg/kg dry	4	11/14/25 17:30	EPA 8270E SIM	
Pyrene	0.145	---	0.0375	mg/kg dry	4	11/14/25 17:30	EPA 8270E SIM	

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ANALYTICAL SAMPLE RESULTS

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

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
25-68929 B5@6' (A5K1385-02)				Matrix: Soil		Batch: 25K0530		
<i>Surrogate: 2-Fluorobiphenyl (Surr)</i>		<i>Recovery: 87 %</i>	<i>Limits: 44-120 %</i>		<i>4</i>	<i>11/14/25 17:30</i>	<i>EPA 8270E SIM</i>	
<i>p-Terphenyl-d14 (Surr)</i>		<i>83 %</i>	<i>54-127 %</i>		<i>4</i>	<i>11/14/25 17:30</i>	<i>EPA 8270E SIM</i>	

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Cameron O'Brien, Project Manager



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ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
25-68929 B5@6' (A5K1385-02)				Matrix: Soil				
Batch: 25K0521								
Cadmium	ND	---	0.230	mg/kg dry	10	11/14/25 04:14	EPA 6020B	
Chromium	16.1	---	1.15	mg/kg dry	10	11/14/25 04:14	EPA 6020B	
Lead	32.5	---	0.230	mg/kg dry	10	11/14/25 04:14	EPA 6020B	

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ANALYTICAL SAMPLE RESULTS

TCLP Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
25-68929 B5@6' (A5K1385-02)				Matrix: Soil				
Batch: 25K1056								
Cadmium	ND	---	0.100	mg/L	10	11/27/25 00:34	1311/6020B	
Chromium	ND	---	0.100	mg/L	10	11/27/25 00:34	1311/6020B	
Lead	ND	---	0.0500	mg/L	10	11/27/25 00:34	1311/6020B	

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ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
25-68929 B5@6' (A5K1385-02)				Matrix: Soil		Batch: 25K0519		
% Solids	90.9	---	1.00	%	1	11/14/25 09:43	EPA 8000D	

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QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25K0524 - EPA 3546 (Fuels)						Soil						
Blank (25K0524-BLK1)		Prepared: 11/13/25 11:49 Analyzed: 11/13/25 20:14										
<u>NWTPH-Dx</u>												
Diesel	ND	---	16.9	mg/kg wet	1	---	---	---	---	---	---	
Oil	ND	---	33.8	mg/kg wet	1	---	---	---	---	---	---	
<i>Surr: o-Terphenyl (Surr)</i>		<i>Recovery: 106 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						

LCS (25K0524-BS1)		Prepared: 11/13/25 11:49 Analyzed: 11/13/25 20:35										
<u>NWTPH-Dx</u>												
Diesel	95.2	---	16.7	mg/kg wet	1	105	---	91	38 - 132%	---	---	
<i>Surr: o-Terphenyl (Surr)</i>		<i>Recovery: 109 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						

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

Batch 25K0578 - EPA 3510C (Fuels/Acid Ext.)						Water						
Blank (25K0578-BLK1)		Prepared: 11/14/25 10:25 Analyzed: 11/17/25 07:26										
<u>NWTPH-Dx LL</u>												
Diesel	ND	---	80.0	ug/L	1	---	---	---	---	---	---	
Oil	ND	---	160	ug/L	1	---	---	---	---	---	---	
<i>Surr: o-Terphenyl (Surr)</i>		<i>Recovery: 80 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						

LCS (25K0578-BS1)		Prepared: 11/14/25 10:25 Analyzed: 11/17/25 07:46										Q-19
<u>NWTPH-Dx LL</u>												
Diesel	410	---	80.0	ug/L	1	500	---	82	36 - 132%	---	---	
<i>Surr: o-Terphenyl (Surr)</i>		<i>Recovery: 86 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						

LCS Dup (25K0578-BSD1)		Prepared: 11/14/25 10:25 Analyzed: 11/17/25 08:06										Q-19
<u>NWTPH-Dx LL</u>												
Diesel	404	---	80.0	ug/L	1	500	---	81	36 - 132%	2	30%	
<i>Surr: o-Terphenyl (Surr)</i>		<i>Recovery: 90 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						

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

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QUALITY CONTROL (QC) SAMPLE RESULTS

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

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25K0530 - EPA 3546						Soil						
Blank (25K0530-BLK1)		Prepared: 11/13/25 12:50 Analyzed: 11/14/25 12:25										
EPA 8270E SIM												
Acenaphthene	ND	---	0.00267	mg/kg wet	1	---	---	---	---	---	---	---
Acenaphthylene	ND	---	0.00267	mg/kg wet	1	---	---	---	---	---	---	---
Anthracene	ND	---	0.00267	mg/kg wet	1	---	---	---	---	---	---	---
Benz(a)anthracene	ND	---	0.00267	mg/kg wet	1	---	---	---	---	---	---	---
Benzo(a)pyrene	ND	---	0.00267	mg/kg wet	1	---	---	---	---	---	---	---
Benzo(b)fluoranthene	ND	---	0.00267	mg/kg wet	1	---	---	---	---	---	---	---
Benzo(k)fluoranthene	ND	---	0.00267	mg/kg wet	1	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	ND	---	0.00267	mg/kg wet	1	---	---	---	---	---	---	---
Chrysene	ND	---	0.00267	mg/kg wet	1	---	---	---	---	---	---	---
Dibenz(a,h)anthracene	ND	---	0.00267	mg/kg wet	1	---	---	---	---	---	---	---
Fluoranthene	ND	---	0.00267	mg/kg wet	1	---	---	---	---	---	---	---
Fluorene	ND	---	0.00267	mg/kg wet	1	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pyrene	ND	---	0.00267	mg/kg wet	1	---	---	---	---	---	---	---
Naphthalene	ND	---	0.00267	mg/kg wet	1	---	---	---	---	---	---	---
Phenanthrene	ND	---	0.00267	mg/kg wet	1	---	---	---	---	---	---	---
Pyrene	ND	---	0.00267	mg/kg wet	1	---	---	---	---	---	---	---
<i>Surr: 2-Fluorobiphenyl (Surr)</i>		<i>Recovery: 103 %</i>		<i>Limits: 44-120 %</i>		<i>Dilution: 1x</i>						
<i>p-Terphenyl-d14 (Surr)</i>		<i>103 %</i>		<i>54-127 %</i>		<i>"</i>						

LCS (25K0530-BS1)		Prepared: 11/13/25 12:50 Analyzed: 11/14/25 12:50										
EPA 8270E SIM												
Acenaphthene	0.528	---	0.00267	mg/kg wet	1	0.533	---	99	40 - 123%	---	---	---
Acenaphthylene	0.534	---	0.00267	mg/kg wet	1	0.533	---	100	32 - 132%	---	---	---
Anthracene	0.522	---	0.00267	mg/kg wet	1	0.533	---	98	47 - 123%	---	---	---
Benz(a)anthracene	0.493	---	0.00267	mg/kg wet	1	0.533	---	92	49 - 126%	---	---	---
Benzo(a)pyrene	0.545	---	0.00267	mg/kg wet	1	0.533	---	102	45 - 129%	---	---	---
Benzo(b)fluoranthene	0.545	---	0.00267	mg/kg wet	1	0.533	---	102	45 - 132%	---	---	---
Benzo(k)fluoranthene	0.540	---	0.00267	mg/kg wet	1	0.533	---	101	47 - 132%	---	---	---
Benzo(g,h,i)perylene	0.485	---	0.00267	mg/kg wet	1	0.533	---	91	43 - 134%	---	---	---
Chrysene	0.502	---	0.00267	mg/kg wet	1	0.533	---	94	50 - 124%	---	---	---
Dibenz(a,h)anthracene	0.559	---	0.00267	mg/kg wet	1	0.533	---	105	45 - 134%	---	---	---
Fluoranthene	0.516	---	0.00267	mg/kg wet	1	0.533	---	97	50 - 127%	---	---	---
Fluorene	0.495	---	0.00267	mg/kg wet	1	0.533	---	93	43 - 125%	---	---	---

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Cameron O'Brien, Project Manager



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QUALITY CONTROL (QC) SAMPLE RESULTS

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

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25K0530 - EPA 3546						Soil						
LCS (25K0530-BS1)		Prepared: 11/13/25 12:50 Analyzed: 11/14/25 12:50										
Indeno(1,2,3-cd)pyrene	0.537	---	0.00267	mg/kg wet	1	0.533	---	101	45 - 133%	---	---	
Naphthalene	0.505	---	0.00267	mg/kg wet	1	0.533	---	95	35 - 123%	---	---	
Phenanthrene	0.518	---	0.00267	mg/kg wet	1	0.533	---	97	50 - 121%	---	---	
Pyrene	0.513	---	0.00267	mg/kg wet	1	0.533	---	96	47 - 127%	---	---	
Surr: 2-Fluorobiphenyl (Surr)		Recovery: 106 %		Limits: 44-120 %		Dilution: 1x						
p-Terphenyl-d14 (Surr)		96 %		54-127 %		"						

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

Apex Laboratories

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ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

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

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project: Default- Env Dept. Project Number: 1555 Monmouth St. 25-6892 Project Manager: Jim Cooper	Report ID: A5K1385 - 12 01 25 1227
---	--	---

QUALITY CONTROL (QC) SAMPLE RESULTS

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

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25K0691 - EPA 3510C (Acid Extraction)						Water						
Blank (25K0691-BLK1)		Prepared: 11/18/25 09:15 Analyzed: 11/18/25 14:49										
<u>EPA 8270E SIM</u>												
Acenaphthene	ND	---	0.0200	ug/L	1	---	---	---	---	---	---	---
Acenaphthylene	ND	---	0.0200	ug/L	1	---	---	---	---	---	---	---
Anthracene	ND	---	0.0200	ug/L	1	---	---	---	---	---	---	---
Benz(a)anthracene	ND	---	0.0200	ug/L	1	---	---	---	---	---	---	---
Benzo(a)pyrene	ND	---	0.0200	ug/L	1	---	---	---	---	---	---	---
Benzo(b)fluoranthene	ND	---	0.0200	ug/L	1	---	---	---	---	---	---	---
Benzo(k)fluoranthene	ND	---	0.0200	ug/L	1	---	---	---	---	---	---	---
Benzo(g,h,i)perylene	ND	---	0.0200	ug/L	1	---	---	---	---	---	---	---
Chrysene	ND	---	0.0200	ug/L	1	---	---	---	---	---	---	---
Dibenz(a,h)anthracene	ND	---	0.0200	ug/L	1	---	---	---	---	---	---	---
Fluoranthene	ND	---	0.0200	ug/L	1	---	---	---	---	---	---	---
Fluorene	ND	---	0.0200	ug/L	1	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pyrene	ND	---	0.0200	ug/L	1	---	---	---	---	---	---	---
Naphthalene	ND	---	0.0400	ug/L	1	---	---	---	---	---	---	---
Phenanthrene	ND	---	0.0200	ug/L	1	---	---	---	---	---	---	---
Pyrene	ND	---	0.0200	ug/L	1	---	---	---	---	---	---	---
<i>Surr: 2-Fluorobiphenyl (Surr)</i>		Recovery: 79 %		Limits: 44-120 %		Dilution: 1x						
<i>p-Terphenyl-d14 (Surr)</i>		98 %		50-134 %		"						

LCS (25K0691-BS1)		Prepared: 11/18/25 09:15 Analyzed: 11/18/25 15:15										
<u>EPA 8270E SIM</u>												
Acenaphthene	3.38	---	0.0200	ug/L	1	4.00	---	85	47 - 122%	---	---	---
Acenaphthylene	3.39	---	0.0200	ug/L	1	4.00	---	85	41 - 130%	---	---	---
Anthracene	3.52	---	0.0200	ug/L	1	4.00	---	88	57 - 123%	---	---	---
Benz(a)anthracene	3.60	---	0.0200	ug/L	1	4.00	---	90	58 - 125%	---	---	---
Benzo(a)pyrene	3.89	---	0.0200	ug/L	1	4.00	---	97	54 - 128%	---	---	---
Benzo(b)fluoranthene	3.93	---	0.0200	ug/L	1	4.00	---	98	53 - 131%	---	---	---
Benzo(k)fluoranthene	3.82	---	0.0200	ug/L	1	4.00	---	95	57 - 129%	---	---	---
Benzo(g,h,i)perylene	3.39	---	0.0200	ug/L	1	4.00	---	85	50 - 134%	---	---	---
Chrysene	3.62	---	0.0200	ug/L	1	4.00	---	90	59 - 123%	---	---	---
Dibenz(a,h)anthracene	4.03	---	0.0200	ug/L	1	4.00	---	101	51 - 134%	---	---	---
Fluoranthene	3.65	---	0.0200	ug/L	1	4.00	---	91	57 - 128%	---	---	---
Fluorene	3.43	---	0.0200	ug/L	1	4.00	---	86	52 - 124%	---	---	---

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ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project: Default- Env Dept. Project Number: 1555 Monmouth St. 25-6892 Project Manager: Jim Cooper	Report ID: A5K1385 - 12 01 25 1227
---	--	---

QUALITY CONTROL (QC) SAMPLE RESULTS

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

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25K0691 - EPA 3510C (Acid Extraction)						Water						
LCS (25K0691-BS1)		Prepared: 11/18/25 09:15		Analyzed: 11/18/25 15:15								
Indeno(1,2,3-cd)pyrene	3.74	---	0.0200	ug/L	1	4.00	---	93	52 - 134%	---	---	
Naphthalene	3.10	---	0.0400	ug/L	1	4.00	---	78	40 - 121%	---	---	
Phenanthrene	3.48	---	0.0200	ug/L	1	4.00	---	87	59 - 120%	---	---	
Pyrene	3.57	---	0.0200	ug/L	1	4.00	---	89	57 - 126%	---	---	
<i>Surr: 2-Fluorobiphenyl (Surr)</i>		Recovery: 79 %		Limits: 44-120 %		Dilution: 1x						
<i>p-Terphenyl-d14 (Surr)</i>		94 %		50-134 %		"						
LCS Dup (25K0691-BSD1)						Q-19						
EPA 8270E SIM												
Acenaphthene	3.48	---	0.0200	ug/L	1	4.00	---	87	47 - 122%	3	30%	
Acenaphthylene	3.50	---	0.0200	ug/L	1	4.00	---	88	41 - 130%	3	30%	
Anthracene	3.71	---	0.0200	ug/L	1	4.00	---	93	57 - 123%	5	30%	
Benz(a)anthracene	3.64	---	0.0200	ug/L	1	4.00	---	91	58 - 125%	1	30%	
Benzo(a)pyrene	4.00	---	0.0200	ug/L	1	4.00	---	100	54 - 128%	3	30%	
Benzo(b)fluoranthene	3.95	---	0.0200	ug/L	1	4.00	---	99	53 - 131%	0.6	30%	
Benzo(k)fluoranthene	4.02	---	0.0200	ug/L	1	4.00	---	101	57 - 129%	5	30%	
Benzo(g,h,i)perylene	3.39	---	0.0200	ug/L	1	4.00	---	85	50 - 134%	0.05	30%	
Chrysene	3.69	---	0.0200	ug/L	1	4.00	---	92	59 - 123%	2	30%	
Dibenz(a,h)anthracene	4.05	---	0.0200	ug/L	1	4.00	---	101	51 - 134%	0.5	30%	
Fluoranthene	3.98	---	0.0200	ug/L	1	4.00	---	100	57 - 128%	9	30%	
Fluorene	3.61	---	0.0200	ug/L	1	4.00	---	90	52 - 124%	5	30%	
Indeno(1,2,3-cd)pyrene	3.81	---	0.0200	ug/L	1	4.00	---	95	52 - 134%	2	30%	
Naphthalene	3.07	---	0.0400	ug/L	1	4.00	---	77	40 - 121%	1	30%	
Phenanthrene	3.66	---	0.0200	ug/L	1	4.00	---	92	59 - 120%	5	30%	
Pyrene	3.92	---	0.0200	ug/L	1	4.00	---	98	57 - 126%	9	30%	
<i>Surr: 2-Fluorobiphenyl (Surr)</i>		Recovery: 83 %		Limits: 44-120 %		Dilution: 1x						
<i>p-Terphenyl-d14 (Surr)</i>		94 %		50-134 %		"						

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

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AMENDED REPORT

Apex Laboratories, LLC

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

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project: Default- Env Dept. Project Number: 1555 Monmouth St. 25-6892 Project Manager: Jim Cooper	Report ID: A5K1385 - 12 01 25 1227
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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 25K0521 - EPA 3051A						Soil						
Blank (25K0521-BLK1)		Prepared: 11/13/25 10:38 Analyzed: 11/14/25 02:07										
<u>EPA 6020B</u>												
Cadmium	ND	---	0.0200	mg/kg wet	1	---	---	---	---	---	---	---
Chromium	ND	---	0.100	mg/kg wet	1	---	---	---	---	---	---	---
Lead	ND	---	0.0200	mg/kg wet	1	---	---	---	---	---	---	---
LCS (25K0521-BS1)		Prepared: 11/13/25 10:38 Analyzed: 11/14/25 02:18										
<u>EPA 6020B</u>												
Cadmium	49.0	---	0.200	mg/kg wet	10	50.0	---	98	80 - 120%	---	---	---
Chromium	48.9	---	1.00	mg/kg wet	10	50.0	---	98	80 - 120%	---	---	---
Lead	50.9	---	0.200	mg/kg wet	10	50.0	---	102	80 - 120%	---	---	---

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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503-718-2323

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<p>Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005</p>	<p>Project: Default- Env Dept. Project Number: 1555 Monmouth St. 25-6892 Project Manager: Jim Cooper</p>	<p style="text-align: right;">Report ID: A5K1385 - 12 01 25 1227</p>
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QUALITY CONTROL (QC) SAMPLE RESULTS

TCLP 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 25K1056 - EPA 1311/3015A						Liquid						
Blank (25K1056-BLK1)		Prepared: 11/26/25 10:20		Analyzed: 11/27/25 00:02								
<u>1311/6020B</u>												
Cadmium	ND	---	0.100	mg/L	10	---	---	---	---	---	---	TCLP
Chromium	ND	---	0.100	mg/L	10	---	---	---	---	---	---	TCLP
Lead	ND	---	0.0500	mg/L	10	---	---	---	---	---	---	TCLP
LCS (25K1056-BS1)		Prepared: 11/26/25 10:20		Analyzed: 11/27/25 00:08								
<u>1311/6020B</u>												
Cadmium	1.03	---	0.100	mg/L	10	1.00	---	103	80 - 120%	---	---	TCLP
Chromium	5.02	---	0.100	mg/L	10	5.00	---	100	80 - 120%	---	---	TCLP
Lead	5.29	---	0.0500	mg/L	10	5.00	---	106	80 - 120%	---	---	TCLP
Duplicate (25K1056-DUP1)		Prepared: 11/26/25 10:20		Analyzed: 11/27/25 00:39								
<u>QC Source Sample: 25-68929 B5@6' (A5K1385-02)</u>												
<u>1311/6020B</u>												
Cadmium	ND	---	0.100	mg/L	10	---	ND	---	---	---	20%	
Chromium	ND	---	0.100	mg/L	10	---	ND	---	---	---	20%	
Lead	ND	---	0.0500	mg/L	10	---	ND	---	---	---	20%	
Matrix Spike (25K1056-MS1)		Prepared: 11/26/25 10:20		Analyzed: 11/27/25 00:44								
<u>QC Source Sample: 25-68929 B5@6' (A5K1385-02)</u>												
<u>1311/6020B</u>												
Cadmium	1.01	---	0.100	mg/L	10	1.00	ND	101	50 - 150%	---	---	
Chromium	5.02	---	0.100	mg/L	10	5.00	ND	100	50 - 150%	---	---	
Lead	5.26	---	0.0500	mg/L	10	5.00	ND	105	50 - 150%	---	---	

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AMENDED REPORT

Apex Laboratories, LLC

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Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project: Default- Env Dept. Project Number: 1555 Monmouth St. 25-6892 Project Manager: Jim Cooper	Report ID: A5K1385 - 12 01 25 1227
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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 25K0519 - Dry Weight Prep (EPA 8000D)							Soil					

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

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Cameron O'Brien, Project Manager



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SAMPLE PREPARATION INFORMATION

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

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

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25K0578							
A5K1385-01	Water	NWTPH-Dx LL	11/11/25 15:00	11/14/25 10:25	1010mL/2mL	1000mL/2mL	0.99

Prep: EPA 3546 (Fuels)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25K0524							
A5K1385-02RE1	Soil	NWTPH-Dx	11/11/25 14:00	11/13/25 13:06	11.2g/5mL	10g/5mL	0.89

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

Prep: EPA 3510C (Acid Extraction)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25K0691							
A5K1385-01	Water	EPA 8270E SIM	11/11/25 15:00	11/18/25 09:28	970mL/2mL	1000mL/2mL	1.03

Prep: EPA 3546

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25K0530							
A5K1385-02	Soil	EPA 8270E SIM	11/11/25 14:00	11/13/25 13:33	11.74g/5mL	10g/5mL	0.85

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: 25K0521							
A5K1385-02	Soil	EPA 6020B	11/11/25 14:00	11/13/25 10:38	0.478g/50mL	0.5g/50mL	1.05

TCLP Metals by EPA 6020B (ICPMS)

Prep: EPA 1311/3015A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 25K1056							
A5K1385-02	Soil	1311/6020B	11/11/25 14:00	11/26/25 10:20	10mL/50mL	10mL/50mL	1.00

Percent Dry Weight

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---	--	---

SAMPLE PREPARATION INFORMATION

Percent Dry Weight

<u>Prep: Dry Weight Prep (EPA 8000D)</u>					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 25K0519</u>							
A5K1385-02	Soil	EPA 8000D	11/11/25 14:00	11/13/25 10:06	1g	1g	1.00

TCLP Extraction by EPA 1311

<u>Prep: EPA 1311 (TCLP)</u>					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 25K1012</u>							
A5K1385-02	Soil	EPA 1311	11/11/25 14:00	11/25/25 14:56	100.1g/2005g	100g/2000g	NA

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Cameron O'Brien, Project Manager



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QUALIFIER DEFINITIONS

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

Apex Laboratories

- DCNT** Sample decanted due to the presence of sediment in water samples, or water in sediment or soil samples. (Note: Decanted aqueous sample bottles are not solvent rinsed.)
- F-15** Results for diesel are estimated due to overlap from the reported oil result.
- F-16** Results for oil are estimated due to overlap from the reported diesel result.
- Q-19** Blank Spike Duplicate (BSD) sample analyzed in place of Matrix Spike/Duplicate samples due to limited sample amount available for analysis.
- S-05** Surrogate recovery is estimated due to sample dilution required for high analyte concentration and/or matrix interference.
- TCLP** This batch QC sample was prepared with TCLP or SPLP fluid from preparation batch 25K1012.

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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 and Detection Limits: Default Limits

Default Reporting and Detection Limits are based on 100% dry weight with the minimum dilution for the analysis. Reporting and Detection Limits are raised due to moisture content, additional dilutions required for analysis, matrix interferences and in other cases, as necessary.

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).

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Table with 3 columns: Client info (Alpha Environmental, 11080 SW Allen Blvd, Suite 100, Beaverton, OR 97005), Project info (Project: Default- Env Dept., Project Number: 1555 Monmouth St. 25-6892, Project Manager: Jim Cooper), and Report ID (A5K1385 - 12 01 25 1227)

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to one half of the Reporting Limit (RL). Blank results for gravimetric analyses are evaluated to the Reporting Level, not to half of the Reporting Level. -For Blank hits falling between 1/2 the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier. -For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy. For further details, please request a copy of this document.

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.

Apex Laboratories

Cameron O'Brien signature

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.



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

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

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project: Default- Env Dept. Project Number: 1555 Monmouth St. 25-6892 Project Manager: Jim Cooper	Report ID: A5K1385 - 12 01 25 1227
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Decanted Samples:

Soils/Sediments:

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

Water Samples:

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

Volatiles Soils (5035s)

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

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

Apex Laboratories

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.



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

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

Table with 3 columns: Client info (Alpha Environmental), Project info (Default- Env Dept), and Report ID (A5K1385 - 12 01 25 1227)

LABORATORY ACCREDITATION INFORMATION

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

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

Apex Laboratories

Table header with columns: Matrix, Analysis, TNI_ID, Analyte, TNI_ID, Accreditation

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

Secondary Accreditations

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

Subcontract Laboratory Accreditations

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

Field Testing Parameters

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

Apex Laboratories

Handwritten signature of Cameron O'Brien

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.



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

Alpha Environmental 11080 SW Allen Blvd, Suite 100 Beaverton, OR 97005	Project: Default- Env Dept. Project Number: 1555 Monmouth St. 25-6892 Project Manager: Jim Cooper	Report ID: A5K1385 - 12 01 25 1227
---	--	---

APEX LABS COOLER RECEIPT FORM

Client: Alpha Element WO#: A5 K1385

Project/Project #: 1555 Monmouth St 25-6892

Delivery Info: Date/time received: 11/2/25 @ 1633 By: EST

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

From USDA Regulated Origin? Yes No

Cooler Inspection Date/time inspected: 11/2/25 @ 1635 By: EST

Chain of Custody included? Yes No

Signed/dated by client? Yes No

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

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	<u>0.7</u>						
Custody seals? (Y/N)	<u>N</u>						
Received on ice? (Y/N)	<u>Y</u>						
Temp. blanks? (Y/N)	<u>Y</u>						
Ice type: (Gel/Real/Other)	<u>6el</u>						
Condition (In/Out):	<u>IN</u>						

Cooler out of temp? (Y/N) Possible reason why: ①

Green dots applied to out of temperature samples? Yes No

Out of temperature samples form initiated? Yes No

Sample Inspection: Date/time inspected: 11/12/25 @ 1730 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 3/8 have sed.

Water samples: pH checked: Yes No NA pH appropriate? Yes No NA pH ID: A25G112

Comments: _____

Labeled by: JA Witness: KN Cooler Inspected by: EST

Form Y-003 R-02

Cameron O'Brien

October 22, 2025

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Alpha Environmental Services, Inc

Sample Delivery Group: L1909090
Samples Received: 10/14/2025
Project Number: 25-68929
Description: 1555 Monmouth Street

Report To: Jim Cooper
11080 SW Allen Blvd.
Suite 100
Beaverton, OR 97005

Entire Report Reviewed By:



Jordan N Zito
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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SAMPLE SUMMARY

SV-1 L1909090-01

Collected by
Collected date/time
Received date/time

10/10/25 10:34
10/14/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2623468	1	10/19/25 17:08	10/19/25 17:08	ED	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG2624418	2	10/21/25 12:28	10/21/25 12:28	CRT	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

SS-1 L1909090-02

Collected by
Collected date/time
Received date/time

10/10/25 11:34
10/14/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2623468	1	10/19/25 17:34	10/19/25 17:34	ED	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG2624421	100	10/21/25 12:21	10/21/25 12:21	CRT	Mt. Juliet, TN

4 Cn

5 Sr

6 Qc

SS-2 L1909090-03

Collected by
Collected date/time
Received date/time

10/10/25 12:08
10/14/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2623468	1	10/19/25 23:14	10/19/25 23:14	ED	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG2624421	100	10/21/25 12:49	10/21/25 12:49	CRT	Mt. Juliet, TN

7 Gl

8 Al

9 Sc

SS-2-DUP L1909090-04

Collected by
Collected date/time
Received date/time

10/10/25 12:15
10/14/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2623468	1	10/19/25 23:41	10/19/25 23:41	ED	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG2624421	100	10/21/25 13:18	10/21/25 13:18	CRT	Mt. Juliet, TN

SS-3 L1909090-05

Collected by
Collected date/time
Received date/time

10/10/25 12:38
10/14/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2623468	1	10/20/25 00:08	10/20/25 00:08	ED	Mt. Juliet, TN

SS-4 L1909090-06

Collected by
Collected date/time
Received date/time

10/10/25 13:17
10/14/25 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2623468	1	10/20/25 00:36	10/20/25 00:36	ED	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jordan N Zito
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL	RDL	Result	Qualifier	Dilution	Batch
			ug/m3	ug/m3	ug/m3			
TPH (GC/MS) Low Fraction	8006-61-9	101	282	826	2230		1	WG2623468
Acetone	67-64-1	58.10	1.24	2.97	311	E	1	WG2623468
Allyl chloride	107-05-1	76.53	0.582	0.626	U		1	WG2623468
Benzene	71-43-2	78.10	0.351	0.639	31.7		1	WG2623468
Benzyl Chloride	100-44-7	127	0.461	1.04	U		1	WG2623468
Bromodichloromethane	75-27-4	164	0.466	1.34	U		1	WG2623468
Bromoform	75-25-2	253	0.781	6.52	U		1	WG2623468
Bromomethane	74-83-9	94.90	0.364	0.776	U		1	WG2623468
1,3-Butadiene	106-99-0	54.10	0.350	4.43	18.2		1	WG2623468
Carbon disulfide	75-15-0	76.10	0.498	1.24	1.23	J	1	WG2623468
Carbon tetrachloride	56-23-5	154	0.470	1.26	0.507	J	1	WG2623468
Chlorobenzene	108-90-7	113	0.545	0.924	U		1	WG2623468
Chloroethane	75-00-3	64.50	0.290	0.528	U		1	WG2623468
Chloroform	67-66-3	119	0.506	0.973	9.34		1	WG2623468
Chloromethane	74-87-3	50.50	0.227	0.413	1.58		1	WG2623468
2-Chlorotoluene	95-49-8	126	0.406	1.03	U		1	WG2623468
Cyclohexane	110-82-7	84.20	0.585	0.689	28.4		1	WG2623468
Dibromochloromethane	124-48-1	208	0.592	1.70	U		1	WG2623468
1,2-Dibromoethane	106-93-4	188	0.531	1.54	U		1	WG2623468
1,2-Dichlorobenzene	95-50-1	147	0.441	1.20	U		1	WG2623468
1,3-Dichlorobenzene	541-73-1	147	0.453	1.20	U	J4	1	WG2623468
1,4-Dichlorobenzene	106-46-7	147	0.462	1.20	U		1	WG2623468
1,2-Dichloroethane	107-06-2	99	0.296	0.810	U		1	WG2623468
1,1-Dichloroethane	75-34-3	98	0.285	0.802	U		1	WG2623468
1,1-Dichloroethene	75-35-4	96.90	0.296	0.793	U		1	WG2623468
cis-1,2-Dichloroethene	156-59-2	96.90	0.315	0.793	U		1	WG2623468
trans-1,2-Dichloroethene	156-60-5	96.90	0.291	0.793	U		1	WG2623468
1,2-Dichloropropane	78-87-5	113	0.348	0.924	U		1	WG2623468
cis-1,3-Dichloropropene	10061-01-5	111	0.337	0.908	U		1	WG2623468
trans-1,3-Dichloropropene	10061-02-6	111	0.361	0.908	U		1	WG2623468
1,4-Dioxane	123-91-1	88.10	0.591	2.27	U		1	WG2623468
Ethanol	64-17-5	46.10	4.47	4.71	573	E	1	WG2623468
Ethylbenzene	100-41-4	106	0.337	0.867	66.8		1	WG2623468
4-Ethyltoluene	622-96-8	120	0.435	0.982	26.0		1	WG2623468
Trichlorofluoromethane	75-69-4	137.40	0.433	1.12	1.31		1	WG2623468
Dichlorodifluoromethane	75-71-8	120.92	0.399	0.989	2.63		1	WG2623468
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.576	1.53	0.594	J	1	WG2623468
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.529	1.40	U		1	WG2623468
Heptane	142-82-5	100	0.466	0.818	53.6		1	WG2623468
Hexachloro-1,3-butadiene	87-68-3	261	0.854	6.73	U		1	WG2623468
n-Hexane	110-54-3	86.20	0.504	2.22	38.8		1	WG2623468
Isopropylbenzene	98-82-8	120.20	0.355	0.983	6.00		1	WG2623468
Methylene Chloride	75-09-2	84.90	0.587	0.694	1.25		1	WG2623468
Methyl Butyl Ketone	591-78-6	100	0.544	5.11	U		1	WG2623468
2-Butanone (MEK)	78-93-3	72.10	0.342	3.69	70.8		1	WG2623468
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.434	5.12	5.04	J	1	WG2623468
Methyl methacrylate	80-62-6	100.12	0.692	0.819	U		1	WG2623468
MTBE	1634-04-4	88.10	0.293	0.721	U		1	WG2623468
Naphthalene	91-20-3	128	3.23	3.30	U		1	WG2623468
2-Propanol	67-63-0	60.10	1.67	3.07	109		1	WG2623468
Propene	115-07-1	42.10	0.737	4.30	112		2	WG2624418
Styrene	100-42-5	104	0.341	1.70	1.02	J	1	WG2623468
1,1,2,2-Tetrachloroethane	79-34-5	168	0.478	1.37	U		1	WG2623468
Tetrachloroethylene	127-18-4	166	1.51	2.72	3.80		2	WG2624418
Tetrahydrofuran	109-99-9	72.10	0.484	0.590	U		1	WG2623468
Toluene	108-88-3	92.10	0.490	1.88	315		1	WG2623468

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL ug/m3	RDL ug/m3	Result ug/m3	Qualifier	Dilution	Batch
1,2,4-Trichlorobenzene	120-82-1	181	3.42	4.66	U		1	WG2623468
1,1,1-Trichloroethane	71-55-6	133	0.391	1.09	U		1	WG2623468
1,1,2-Trichloroethane	79-00-5	133	0.372	1.09	U		1	WG2623468
Trichloroethylene	79-01-6	131	0.364	1.07	U		1	WG2623468
1,2,4-Trimethylbenzene	95-63-6	120	0.455	0.982	118		1	WG2623468
1,3,5-Trimethylbenzene	108-67-8	120	0.419	0.982	42.7		1	WG2623468
2,2,4-Trimethylpentane	540-84-1	114.22	0.420	0.934	8.78		1	WG2623468
Vinyl chloride	75-01-4	62.50	0.211	0.511	U		1	WG2623468
Vinyl Bromide	593-60-2	106.95	0.328	0.875	U		1	WG2623468
Vinyl acetate	108-05-4	86.10	0.341	2.22	U		1	WG2623468
m&p-Xylene		106	0.754	1.73	261		1	WG2623468
o-Xylene	95-47-6	106	0.385	0.867	116		1	WG2623468
^(S) 1,4-Bromofluorobenzene	460-00-4	175			94.0		60.0-140	WG2623468
^(S) 1,4-Bromofluorobenzene	460-00-4	175			97.4		60.0-140	WG2624418

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL	RDL	Result	Qualifier	Dilution	Batch
			ug/m3	ug/m3	ug/m3			
TPH (GC/MS) Low Fraction	8006-61-9	101	282	826	309	J	1	WG2623468
Acetone	67-64-1	58.10	1.24	2.97	520	E	1	WG2623468
Allyl chloride	107-05-1	76.53	0.582	0.626	U		1	WG2623468
Benzene	71-43-2	78.10	0.351	0.639	1.10		1	WG2623468
Benzyl Chloride	100-44-7	127	0.461	1.04	U		1	WG2623468
Bromodichloromethane	75-27-4	164	0.466	1.34	U		1	WG2623468
Bromoform	75-25-2	253	0.781	6.52	U		1	WG2623468
Bromomethane	74-83-9	94.90	0.364	0.776	U		1	WG2623468
1,3-Butadiene	106-99-0	54.10	0.350	4.43	U		1	WG2623468
Carbon disulfide	75-15-0	76.10	0.498	1.24	1.31		1	WG2623468
Carbon tetrachloride	56-23-5	154	0.470	1.26	U		1	WG2623468
Chlorobenzene	108-90-7	113	0.545	0.924	U		1	WG2623468
Chloroethane	75-00-3	64.50	0.290	0.528	U		1	WG2623468
Chloroform	67-66-3	119	0.506	0.973	U		1	WG2623468
Chloromethane	74-87-3	50.50	0.227	0.413	0.364	J	1	WG2623468
2-Chlorotoluene	95-49-8	126	0.406	1.03	U		1	WG2623468
Cyclohexane	110-82-7	84.20	0.585	0.689	1.02		1	WG2623468
Dibromochloromethane	124-48-1	208	0.592	1.70	U		1	WG2623468
1,2-Dibromoethane	106-93-4	188	0.531	1.54	U		1	WG2623468
1,2-Dichlorobenzene	95-50-1	147	0.441	1.20	U		1	WG2623468
1,3-Dichlorobenzene	541-73-1	147	0.453	1.20	U	J4	1	WG2623468
1,4-Dichlorobenzene	106-46-7	147	0.462	1.20	1.46		1	WG2623468
1,2-Dichloroethane	107-06-2	99	0.296	0.810	U		1	WG2623468
1,1-Dichloroethane	75-34-3	98	0.285	0.802	U		1	WG2623468
1,1-Dichloroethene	75-35-4	96.90	0.296	0.793	U		1	WG2623468
cis-1,2-Dichloroethene	156-59-2	96.90	0.315	0.793	U		1	WG2623468
trans-1,2-Dichloroethene	156-60-5	96.90	0.291	0.793	U		1	WG2623468
1,2-Dichloropropane	78-87-5	113	0.348	0.924	U		1	WG2623468
cis-1,3-Dichloropropene	10061-01-5	111	0.337	0.908	U		1	WG2623468
trans-1,3-Dichloropropene	10061-02-6	111	0.361	0.908	U		1	WG2623468
1,4-Dioxane	123-91-1	88.10	0.591	2.27	U		1	WG2623468
Ethanol	64-17-5	46.10	4.47	4.71	47.1		1	WG2623468
Ethylbenzene	100-41-4	106	0.337	0.867	0.845	J	1	WG2623468
4-Ethyltoluene	622-96-8	120	0.435	0.982	U		1	WG2623468
Trichlorofluoromethane	75-69-4	137.40	0.433	1.12	1.32		1	WG2623468
Dichlorodifluoromethane	75-71-8	120.92	0.399	0.989	2.48		1	WG2623468
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.576	1.53	0.592	J	1	WG2623468
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.529	1.40	U		1	WG2623468
Heptane	142-82-5	100	0.466	0.818	1.05		1	WG2623468
Hexachloro-1,3-butadiene	87-68-3	261	0.854	6.73	U		1	WG2623468
n-Hexane	110-54-3	86.20	0.504	2.22	2.54		1	WG2623468
Isopropylbenzene	98-82-8	120.20	0.355	0.983	U		1	WG2623468
Methylene Chloride	75-09-2	84.90	0.587	0.694	14.3		1	WG2623468
Methyl Butyl Ketone	591-78-6	100	0.544	5.11	1.30	J	1	WG2623468
2-Butanone (MEK)	78-93-3	72.10	0.342	3.69	5.34		1	WG2623468
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.434	5.12	2.07	J	1	WG2623468
Methyl methacrylate	80-62-6	100.12	0.692	0.819	U		1	WG2623468
MTBE	1634-04-4	88.10	0.293	0.721	U		1	WG2623468
Naphthalene	91-20-3	128	3.23	3.30	U		1	WG2623468
2-Propanol	67-63-0	60.10	167	307	5410		100	WG2624421
Propene	115-07-1	42.10	0.368	2.15	U		1	WG2623468
Styrene	100-42-5	104	0.341	1.70	0.651	J	1	WG2623468
1,1,2,2-Tetrachloroethane	79-34-5	168	0.478	1.37	U		1	WG2623468
Tetrachloroethylene	127-18-4	166	0.754	1.36	9.84		1	WG2623468
Tetrahydrofuran	109-99-9	72.10	0.484	0.590	U		1	WG2623468
Toluene	108-88-3	92.10	0.490	1.88	5.35		1	WG2623468

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL ug/m3	RDL ug/m3	Result ug/m3	Qualifier	Dilution	Batch
1,2,4-Trichlorobenzene	120-82-1	181	3.42	4.66	U		1	WG2623468
1,1,1-Trichloroethane	71-55-6	133	0.391	1.09	U		1	WG2623468
1,1,2-Trichloroethane	79-00-5	133	0.372	1.09	U		1	WG2623468
Trichloroethylene	79-01-6	131	0.364	1.07	U		1	WG2623468
1,2,4-Trimethylbenzene	95-63-6	120	0.455	0.982	2.69		1	WG2623468
1,3,5-Trimethylbenzene	108-67-8	120	0.419	0.982	0.707	J	1	WG2623468
2,2,4-Trimethylpentane	540-84-1	114.22	0.420	0.934	0.621	J	1	WG2623468
Vinyl chloride	75-01-4	62.50	0.211	0.511	U		1	WG2623468
Vinyl Bromide	593-60-2	106.95	0.328	0.875	U		1	WG2623468
Vinyl acetate	108-05-4	86.10	0.341	2.22	U		1	WG2623468
m&p-Xylene		106	0.754	1.73	3.19		1	WG2623468
o-Xylene	95-47-6	106	0.385	0.867	1.16		1	WG2623468
^(S) 1,4-Bromofluorobenzene	460-00-4	175			94.4		60.0-140	WG2623468
^(S) 1,4-Bromofluorobenzene	460-00-4	175			93.2		60.0-140	WG2624421

1
Cp

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Tc

3
Ss

4
Cn

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Sr

6
Qc

7
Gl

8
Al

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Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL	RDL	Result	Qualifier	Dilution	Batch
			ug/m3	ug/m3	ug/m3			
TPH (GC/MS) Low Fraction	8006-61-9	101	282	826	8140		1	WG2623468
Acetone	67-64-1	58.10	1.24	2.97	1160	E	1	WG2623468
Allyl chloride	107-05-1	76.53	0.582	0.626	U		1	WG2623468
Benzene	71-43-2	78.10	0.351	0.639	36.1		1	WG2623468
Benzyl Chloride	100-44-7	127	0.461	1.04	U		1	WG2623468
Bromodichloromethane	75-27-4	164	0.466	1.34	U		1	WG2623468
Bromoform	75-25-2	253	0.781	6.52	U		1	WG2623468
Bromomethane	74-83-9	94.90	0.364	0.776	U		1	WG2623468
1,3-Butadiene	106-99-0	54.10	0.350	4.43	31.6		1	WG2623468
Carbon disulfide	75-15-0	76.10	0.498	1.24	0.744	J	1	WG2623468
Carbon tetrachloride	56-23-5	154	0.470	1.26	U		1	WG2623468
Chlorobenzene	108-90-7	113	0.545	0.924	U		1	WG2623468
Chloroethane	75-00-3	64.50	0.290	0.528	U		1	WG2623468
Chloroform	67-66-3	119	0.506	0.973	0.550	J	1	WG2623468
Chloromethane	74-87-3	50.50	0.227	0.413	0.413	J	1	WG2623468
2-Chlorotoluene	95-49-8	126	0.406	1.03	U		1	WG2623468
Cyclohexane	110-82-7	84.20	0.585	0.689	2.66		1	WG2623468
Dibromochloromethane	124-48-1	208	0.592	1.70	U		1	WG2623468
1,2-Dibromoethane	106-93-4	188	0.531	1.54	U		1	WG2623468
1,2-Dichlorobenzene	95-50-1	147	0.441	1.20	U		1	WG2623468
1,3-Dichlorobenzene	541-73-1	147	0.453	1.20	U	J4	1	WG2623468
1,4-Dichlorobenzene	106-46-7	147	0.462	1.20	U		1	WG2623468
1,2-Dichloroethane	107-06-2	99	0.296	0.810	U		1	WG2623468
1,1-Dichloroethane	75-34-3	98	0.285	0.802	U		1	WG2623468
1,1-Dichloroethene	75-35-4	96.90	0.296	0.793	U		1	WG2623468
cis-1,2-Dichloroethene	156-59-2	96.90	0.315	0.793	U		1	WG2623468
trans-1,2-Dichloroethene	156-60-5	96.90	0.291	0.793	U		1	WG2623468
1,2-Dichloropropane	78-87-5	113	0.348	0.924	U		1	WG2623468
cis-1,3-Dichloropropene	10061-01-5	111	0.337	0.908	U		1	WG2623468
trans-1,3-Dichloropropene	10061-02-6	111	0.361	0.908	U		1	WG2623468
1,4-Dioxane	123-91-1	88.10	0.591	2.27	U		1	WG2623468
Ethanol	64-17-5	46.10	4.47	4.71	61.5		1	WG2623468
Ethylbenzene	100-41-4	106	0.337	0.867	8.28		1	WG2623468
4-Ethyltoluene	622-96-8	120	0.435	0.982	8.49		1	WG2623468
Trichlorofluoromethane	75-69-4	137.40	0.433	1.12	1.35		1	WG2623468
Dichlorodifluoromethane	75-71-8	120.92	0.399	0.989	2.85		1	WG2623468
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.576	1.53	0.671	J	1	WG2623468
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.529	1.40	U		1	WG2623468
Heptane	142-82-5	100	0.466	0.818	8.22		1	WG2623468
Hexachloro-1,3-butadiene	87-68-3	261	0.854	6.73	U		1	WG2623468
n-Hexane	110-54-3	86.20	0.504	2.22	8.00		1	WG2623468
Isopropylbenzene	98-82-8	120.20	0.355	0.983	4.65		1	WG2623468
Methylene Chloride	75-09-2	84.90	0.587	0.694	1.45		1	WG2623468
Methyl Butyl Ketone	591-78-6	100	0.544	5.11	12.0		1	WG2623468
2-Butanone (MEK)	78-93-3	72.10	0.342	3.69	108		1	WG2623468
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.434	5.12	12.6		1	WG2623468
Methyl methacrylate	80-62-6	100.12	0.692	0.819	8.93		1	WG2623468
MTBE	1634-04-4	88.10	0.293	0.721	U		1	WG2623468
Naphthalene	91-20-3	128	3.23	3.30	U		1	WG2623468
2-Propanol	67-63-0	60.10	167	307	5430		100	WG2624421
Propene	115-07-1	42.10	0.368	2.15	91.8		1	WG2623468
Styrene	100-42-5	104	0.341	1.70	5.53		1	WG2623468
1,1,2,2-Tetrachloroethane	79-34-5	168	0.478	1.37	U		1	WG2623468
Tetrachloroethylene	127-18-4	166	0.754	1.36	2.18		1	WG2623468
Tetrahydrofuran	109-99-9	72.10	0.484	0.590	U		1	WG2623468
Toluene	108-88-3	92.10	0.490	1.88	50.1		1	WG2623468

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL ug/m3	RDL ug/m3	Result ug/m3	Qualifier	Dilution	Batch
1,2,4-Trichlorobenzene	120-82-1	181	3.42	4.66	U		1	WG2623468
1,1,1-Trichloroethane	71-55-6	133	0.391	1.09	U		1	WG2623468
1,1,2-Trichloroethane	79-00-5	133	0.372	1.09	U		1	WG2623468
Trichloroethylene	79-01-6	131	0.364	1.07	U		1	WG2623468
1,2,4-Trimethylbenzene	95-63-6	120	0.455	0.982	53.5		1	WG2623468
1,3,5-Trimethylbenzene	108-67-8	120	0.419	0.982	25.0		1	WG2623468
2,2,4-Trimethylpentane	540-84-1	114.22	0.420	0.934	U		1	WG2623468
Vinyl chloride	75-01-4	62.50	0.211	0.511	U		1	WG2623468
Vinyl Bromide	593-60-2	106.95	0.328	0.875	U		1	WG2623468
Vinyl acetate	108-05-4	86.10	0.341	2.22	U		1	WG2623468
m&p-Xylene		106	0.754	1.73	22.8		1	WG2623468
o-Xylene	95-47-6	106	0.385	0.867	12.7		1	WG2623468
^(S) 1,4-Bromofluorobenzene	460-00-4	175			123		60.0-140	WG2623468
^(S) 1,4-Bromofluorobenzene	460-00-4	175			93.2		60.0-140	WG2624421

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL	RDL	Result	Qualifier	Dilution	Batch
			ug/m3	ug/m3	ug/m3			
TPH (GC/MS) Low Fraction	8006-61-9	101	282	826	6320		1	WG2623468
Acetone	67-64-1	58.10	1.24	2.97	1030	E	1	WG2623468
Allyl chloride	107-05-1	76.53	0.582	0.626	U		1	WG2623468
Benzene	71-43-2	78.10	0.351	0.639	19.9		1	WG2623468
Benzyl Chloride	100-44-7	127	0.461	1.04	U		1	WG2623468
Bromodichloromethane	75-27-4	164	0.466	1.34	U		1	WG2623468
Bromoform	75-25-2	253	0.781	6.52	U		1	WG2623468
Bromomethane	74-83-9	94.90	0.364	0.776	U		1	WG2623468
1,3-Butadiene	106-99-0	54.10	0.350	4.43	12.2		1	WG2623468
Carbon disulfide	75-15-0	76.10	0.498	1.24	0.934	J	1	WG2623468
Carbon tetrachloride	56-23-5	154	0.470	1.26	U		1	WG2623468
Chlorobenzene	108-90-7	113	0.545	0.924	U		1	WG2623468
Chloroethane	75-00-3	64.50	0.290	0.528	U		1	WG2623468
Chloroform	67-66-3	119	0.506	0.973	U		1	WG2623468
Chloromethane	74-87-3	50.50	0.227	0.413	0.275	J	1	WG2623468
2-Chlorotoluene	95-49-8	126	0.406	1.03	U		1	WG2623468
Cyclohexane	110-82-7	84.20	0.585	0.689	1.40		1	WG2623468
Dibromochloromethane	124-48-1	208	0.592	1.70	U		1	WG2623468
1,2-Dibromoethane	106-93-4	188	0.531	1.54	U		1	WG2623468
1,2-Dichlorobenzene	95-50-1	147	0.441	1.20	U		1	WG2623468
1,3-Dichlorobenzene	541-73-1	147	0.453	1.20	U	J4	1	WG2623468
1,4-Dichlorobenzene	106-46-7	147	0.462	1.20	U		1	WG2623468
1,2-Dichloroethane	107-06-2	99	0.296	0.810	U		1	WG2623468
1,1-Dichloroethane	75-34-3	98	0.285	0.802	U		1	WG2623468
1,1-Dichloroethene	75-35-4	96.90	0.296	0.793	U		1	WG2623468
cis-1,2-Dichloroethene	156-59-2	96.90	0.315	0.793	U		1	WG2623468
trans-1,2-Dichloroethene	156-60-5	96.90	0.291	0.793	U		1	WG2623468
1,2-Dichloropropane	78-87-5	113	0.348	0.924	U		1	WG2623468
cis-1,3-Dichloropropene	10061-01-5	111	0.337	0.908	U		1	WG2623468
trans-1,3-Dichloropropene	10061-02-6	111	0.361	0.908	U		1	WG2623468
1,4-Dioxane	123-91-1	88.10	0.591	2.27	U		1	WG2623468
Ethanol	64-17-5	46.10	4.47	4.71	51.3		1	WG2623468
Ethylbenzene	100-41-4	106	0.337	0.867	5.81		1	WG2623468
4-Ethyltoluene	622-96-8	120	0.435	0.982	8.49		1	WG2623468
Trichlorofluoromethane	75-69-4	137.40	0.433	1.12	1.29		1	WG2623468
Dichlorodifluoromethane	75-71-8	120.92	0.399	0.989	2.45		1	WG2623468
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.576	1.53	0.761	J	1	WG2623468
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.529	1.40	U		1	WG2623468
Heptane	142-82-5	100	0.466	0.818	4.02		1	WG2623468
Hexachloro-1,3-butadiene	87-68-3	261	0.854	6.73	U		1	WG2623468
n-Hexane	110-54-3	86.20	0.504	2.22	3.56		1	WG2623468
Isopropylbenzene	98-82-8	120.20	0.355	0.983	3.56		1	WG2623468
Methylene Chloride	75-09-2	84.90	0.587	0.694	U		1	WG2623468
Methyl Butyl Ketone	591-78-6	100	0.544	5.11	12.3		1	WG2623468
2-Butanone (MEK)	78-93-3	72.10	0.342	3.69	104		1	WG2623468
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.434	5.12	11.6		1	WG2623468
Methyl methacrylate	80-62-6	100.12	0.692	0.819	5.00		1	WG2623468
MTBE	1634-04-4	88.10	0.293	0.721	U		1	WG2623468
Naphthalene	91-20-3	128	3.23	3.30	U		1	WG2623468
2-Propanol	67-63-0	60.10	167	307	5140		100	WG2624421
Propene	115-07-1	42.10	0.368	2.15	38.6		1	WG2623468
Styrene	100-42-5	104	0.341	1.70	5.32		1	WG2623468
1,1,2,2-Tetrachloroethane	79-34-5	168	0.478	1.37	U		1	WG2623468
Tetrachloroethylene	127-18-4	166	0.754	1.36	3.45		1	WG2623468
Tetrahydrofuran	109-99-9	72.10	0.484	0.590	U		1	WG2623468
Toluene	108-88-3	92.10	0.490	1.88	30.4		1	WG2623468

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL ug/m3	RDL ug/m3	Result ug/m3	Qualifier	Dilution	Batch
1,2,4-Trichlorobenzene	120-82-1	181	3.42	4.66	U		1	WG2623468
1,1,1-Trichloroethane	71-55-6	133	0.391	1.09	U		1	WG2623468
1,1,2-Trichloroethane	79-00-5	133	0.372	1.09	U		1	WG2623468
Trichloroethylene	79-01-6	131	0.364	1.07	U		1	WG2623468
1,2,4-Trimethylbenzene	95-63-6	120	0.455	0.982	49.6		1	WG2623468
1,3,5-Trimethylbenzene	108-67-8	120	0.419	0.982	21.5		1	WG2623468
2,2,4-Trimethylpentane	540-84-1	114.22	0.420	0.934	U		1	WG2623468
Vinyl chloride	75-01-4	62.50	0.211	0.511	U		1	WG2623468
Vinyl Bromide	593-60-2	106.95	0.328	0.875	U		1	WG2623468
Vinyl acetate	108-05-4	86.10	0.341	2.22	U		1	WG2623468
m&p-Xylene		106	0.754	1.73	16.6		1	WG2623468
o-Xylene	95-47-6	106	0.385	0.867	9.49		1	WG2623468
^(S) 1,4-Bromofluorobenzene	460-00-4	175			114		60.0-140	WG2623468
^(S) 1,4-Bromofluorobenzene	460-00-4	175			90.9		60.0-140	WG2624421

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL	RDL	Result	Qualifier	Dilution	Batch
			ug/m3	ug/m3	ug/m3			
TPH (GC/MS) Low Fraction	8006-61-9	101	282	826	321	J	1	WG2623468
Acetone	67-64-1	58.10	1.24	2.97	156		1	WG2623468
Allyl chloride	107-05-1	76.53	0.582	0.626	U		1	WG2623468
Benzene	71-43-2	78.10	0.351	0.639	1.62		1	WG2623468
Benzyl Chloride	100-44-7	127	0.461	1.04	U		1	WG2623468
Bromodichloromethane	75-27-4	164	0.466	1.34	U		1	WG2623468
Bromoform	75-25-2	253	0.781	6.52	U		1	WG2623468
Bromomethane	74-83-9	94.90	0.364	0.776	U		1	WG2623468
1,3-Butadiene	106-99-0	54.10	0.350	4.43	U		1	WG2623468
Carbon disulfide	75-15-0	76.10	0.498	1.24	U		1	WG2623468
Carbon tetrachloride	56-23-5	154	0.470	1.26	0.490	J	1	WG2623468
Chlorobenzene	108-90-7	113	0.545	0.924	U		1	WG2623468
Chloroethane	75-00-3	64.50	0.290	0.528	U		1	WG2623468
Chloroform	67-66-3	119	0.506	0.973	0.672	J	1	WG2623468
Chloromethane	74-87-3	50.50	0.227	0.413	1.13		1	WG2623468
2-Chlorotoluene	95-49-8	126	0.406	1.03	U		1	WG2623468
Cyclohexane	110-82-7	84.20	0.585	0.689	2.60		1	WG2623468
Dibromochloromethane	124-48-1	208	0.592	1.70	U		1	WG2623468
1,2-Dibromoethane	106-93-4	188	0.531	1.54	U		1	WG2623468
1,2-Dichlorobenzene	95-50-1	147	0.441	1.20	U		1	WG2623468
1,3-Dichlorobenzene	541-73-1	147	0.453	1.20	U	J4	1	WG2623468
1,4-Dichlorobenzene	106-46-7	147	0.462	1.20	3.40		1	WG2623468
1,2-Dichloroethane	107-06-2	99	0.296	0.810	U		1	WG2623468
1,1-Dichloroethane	75-34-3	98	0.285	0.802	U		1	WG2623468
1,1-Dichloroethene	75-35-4	96.90	0.296	0.793	U		1	WG2623468
cis-1,2-Dichloroethene	156-59-2	96.90	0.315	0.793	U		1	WG2623468
trans-1,2-Dichloroethene	156-60-5	96.90	0.291	0.793	U		1	WG2623468
1,2-Dichloropropane	78-87-5	113	0.348	0.924	U		1	WG2623468
cis-1,3-Dichloropropene	10061-01-5	111	0.337	0.908	U		1	WG2623468
trans-1,3-Dichloropropene	10061-02-6	111	0.361	0.908	U		1	WG2623468
1,4-Dioxane	123-91-1	88.10	0.591	2.27	U		1	WG2623468
Ethanol	64-17-5	46.10	4.47	4.71	100		1	WG2623468
Ethylbenzene	100-41-4	106	0.337	0.867	2.21		1	WG2623468
4-Ethyltoluene	622-96-8	120	0.435	0.982	0.780	J	1	WG2623468
Trichlorofluoromethane	75-69-4	137.40	0.433	1.12	1.33		1	WG2623468
Dichlorodifluoromethane	75-71-8	120.92	0.399	0.989	2.61		1	WG2623468
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.576	1.53	U		1	WG2623468
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.529	1.40	U		1	WG2623468
Heptane	142-82-5	100	0.466	0.818	2.73		1	WG2623468
Hexachloro-1,3-butadiene	87-68-3	261	0.854	6.73	U		1	WG2623468
n-Hexane	110-54-3	86.20	0.504	2.22	2.43		1	WG2623468
Isopropylbenzene	98-82-8	120.20	0.355	0.983	U		1	WG2623468
Methylene Chloride	75-09-2	84.90	0.587	0.694	1.58		1	WG2623468
Methyl Butyl Ketone	591-78-6	100	0.544	5.11	U		1	WG2623468
2-Butanone (MEK)	78-93-3	72.10	0.342	3.69	4.57		1	WG2623468
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.434	5.12	1.30	J	1	WG2623468
Methyl methacrylate	80-62-6	100.12	0.692	0.819	U		1	WG2623468
MTBE	1634-04-4	88.10	0.293	0.721	U		1	WG2623468
Naphthalene	91-20-3	128	3.23	3.30	U		1	WG2623468
2-Propanol	67-63-0	60.10	1.67	3.07	740	E	1	WG2623468
Propene	115-07-1	42.10	0.368	2.15	U		1	WG2623468
Styrene	100-42-5	104	0.341	1.70	1.05	J	1	WG2623468
1,1,2,2-Tetrachloroethane	79-34-5	168	0.478	1.37	U		1	WG2623468
Tetrachloroethylene	127-18-4	166	0.754	1.36	0.910	J	1	WG2623468
Tetrahydrofuran	109-99-9	72.10	0.484	0.590	U		1	WG2623468
Toluene	108-88-3	92.10	0.490	1.88	34.1		1	WG2623468

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL ug/m3	RDL ug/m3	Result ug/m3	Qualifier	Dilution	Batch
1,2,4-Trichlorobenzene	120-82-1	181	3.42	4.66	U		1	WG2623468
1,1,1-Trichloroethane	71-55-6	133	0.391	1.09	U		1	WG2623468
1,1,2-Trichloroethane	79-00-5	133	0.372	1.09	U		1	WG2623468
Trichloroethylene	79-01-6	131	0.364	1.07	U		1	WG2623468
1,2,4-Trimethylbenzene	95-63-6	120	0.455	0.982	2.68		1	WG2623468
1,3,5-Trimethylbenzene	108-67-8	120	0.419	0.982	0.879	J	1	WG2623468
2,2,4-Trimethylpentane	540-84-1	114.22	0.420	0.934	1.30		1	WG2623468
Vinyl chloride	75-01-4	62.50	0.211	0.511	U		1	WG2623468
Vinyl Bromide	593-60-2	106.95	0.328	0.875	U		1	WG2623468
Vinyl acetate	108-05-4	86.10	0.341	2.22	U		1	WG2623468
m&p-Xylene	106	106	0.754	1.73	6.81		1	WG2623468
o-Xylene	95-47-6	106	0.385	0.867	2.63		1	WG2623468
^(S) 1,4-Bromofluorobenzene	460-00-4	175			92.8		60.0-140	WG2623468

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL	RDL	Result	Qualifier	Dilution	Batch
			ug/m3	ug/m3	ug/m3			
TPH (GC/MS) Low Fraction	8006-61-9	101	282	826	334	J	1	WG2623468
Acetone	67-64-1	58.10	1.24	2.97	273	E	1	WG2623468
Allyl chloride	107-05-1	76.53	0.582	0.626	U		1	WG2623468
Benzene	71-43-2	78.10	0.351	0.639	0.735		1	WG2623468
Benzyl Chloride	100-44-7	127	0.461	1.04	U		1	WG2623468
Bromodichloromethane	75-27-4	164	0.466	1.34	U		1	WG2623468
Bromoform	75-25-2	253	0.781	6.52	U		1	WG2623468
Bromomethane	74-83-9	94.90	0.364	0.776	U		1	WG2623468
1,3-Butadiene	106-99-0	54.10	0.350	4.43	0.394	J	1	WG2623468
Carbon disulfide	75-15-0	76.10	0.498	1.24	1.71		1	WG2623468
Carbon tetrachloride	56-23-5	154	0.470	1.26	U		1	WG2623468
Chlorobenzene	108-90-7	113	0.545	0.924	U		1	WG2623468
Chloroethane	75-00-3	64.50	0.290	0.528	U		1	WG2623468
Chloroform	67-66-3	119	0.506	0.973	U		1	WG2623468
Chloromethane	74-87-3	50.50	0.227	0.413	0.287	J	1	WG2623468
2-Chlorotoluene	95-49-8	126	0.406	1.03	U		1	WG2623468
Cyclohexane	110-82-7	84.20	0.585	0.689	5.44		1	WG2623468
Dibromochloromethane	124-48-1	208	0.592	1.70	U		1	WG2623468
1,2-Dibromoethane	106-93-4	188	0.531	1.54	U		1	WG2623468
1,2-Dichlorobenzene	95-50-1	147	0.441	1.20	U		1	WG2623468
1,3-Dichlorobenzene	541-73-1	147	0.453	1.20	U	J4	1	WG2623468
1,4-Dichlorobenzene	106-46-7	147	0.462	1.20	U		1	WG2623468
1,2-Dichloroethane	107-06-2	99	0.296	0.810	U		1	WG2623468
1,1-Dichloroethane	75-34-3	98	0.285	0.802	U		1	WG2623468
1,1-Dichloroethene	75-35-4	96.90	0.296	0.793	U		1	WG2623468
cis-1,2-Dichloroethene	156-59-2	96.90	0.315	0.793	U		1	WG2623468
trans-1,2-Dichloroethene	156-60-5	96.90	0.291	0.793	5.75		1	WG2623468
1,2-Dichloropropane	78-87-5	113	0.348	0.924	U		1	WG2623468
cis-1,3-Dichloropropene	10061-01-5	111	0.337	0.908	U		1	WG2623468
trans-1,3-Dichloropropene	10061-02-6	111	0.361	0.908	U		1	WG2623468
1,4-Dioxane	123-91-1	88.10	0.591	2.27	U		1	WG2623468
Ethanol	64-17-5	46.10	4.47	4.71	14.7		1	WG2623468
Ethylbenzene	100-41-4	106	0.337	0.867	0.442	J	1	WG2623468
4-Ethyltoluene	622-96-8	120	0.435	0.982	U		1	WG2623468
Trichlorofluoromethane	75-69-4	137.40	0.433	1.12	1.48		1	WG2623468
Dichlorodifluoromethane	75-71-8	120.92	0.399	0.989	2.45		1	WG2623468
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.576	1.53	1.30	J	1	WG2623468
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.529	1.40	U		1	WG2623468
Heptane	142-82-5	100	0.466	0.818	1.53		1	WG2623468
Hexachloro-1,3-butadiene	87-68-3	261	0.854	6.73	U		1	WG2623468
n-Hexane	110-54-3	86.20	0.504	2.22	1.39	J	1	WG2623468
Isopropylbenzene	98-82-8	120.20	0.355	0.983	U		1	WG2623468
Methylene Chloride	75-09-2	84.90	0.587	0.694	0.736		1	WG2623468
Methyl Butyl Ketone	591-78-6	100	0.544	5.11	0.920	J	1	WG2623468
2-Butanone (MEK)	78-93-3	72.10	0.342	3.69	4.36		1	WG2623468
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.434	5.12	1.04	J	1	WG2623468
Methyl methacrylate	80-62-6	100.12	0.692	0.819	U		1	WG2623468
MTBE	1634-04-4	88.10	0.293	0.721	U		1	WG2623468
Naphthalene	91-20-3	128	3.23	3.30	U		1	WG2623468
2-Propanol	67-63-0	60.10	1.67	3.07	1280	E	1	WG2623468
Propene	115-07-1	42.10	0.368	2.15	U		1	WG2623468
Styrene	100-42-5	104	0.341	1.70	U		1	WG2623468
1,1,2,2-Tetrachloroethane	79-34-5	168	0.478	1.37	U		1	WG2623468
Tetrachloroethylene	127-18-4	166	0.754	1.36	U		1	WG2623468
Tetrahydrofuran	109-99-9	72.10	0.484	0.590	2.44		1	WG2623468
Toluene	108-88-3	92.10	0.490	1.88	3.33		1	WG2623468

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL ug/m3	RDL ug/m3	Result ug/m3	Qualifier	Dilution	Batch
1,2,4-Trichlorobenzene	120-82-1	181	3.42	4.66	U		1	WG2623468
1,1,1-Trichloroethane	71-55-6	133	0.391	1.09	U		1	WG2623468
1,1,2-Trichloroethane	79-00-5	133	0.372	1.09	U		1	WG2623468
Trichloroethylene	79-01-6	131	0.364	1.07	U		1	WG2623468
1,2,4-Trimethylbenzene	95-63-6	120	0.455	0.982	1.44		1	WG2623468
1,3,5-Trimethylbenzene	108-67-8	120	0.419	0.982	0.486	J	1	WG2623468
2,2,4-Trimethylpentane	540-84-1	114.22	0.420	0.934	U		1	WG2623468
Vinyl chloride	75-01-4	62.50	0.211	0.511	U		1	WG2623468
Vinyl Bromide	593-60-2	106.95	0.328	0.875	U		1	WG2623468
Vinyl acetate	108-05-4	86.10	0.341	2.22	U		1	WG2623468
m&p-Xylene		106	0.754	1.73	2.36		1	WG2623468
o-Xylene	95-47-6	106	0.385	0.867	0.629	J	1	WG2623468
^(S) 1,4-Bromofluorobenzene	460-00-4	175			92.1		60.0-140	WG2623468

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4289483-3 10/19/25 11:15

Analyte	MB Result ug/m3	MB Qualifier	MB MDL ug/m3	MB RDL ug/m3
TPH (GC/MS) Low Fraction	U		282	826
Acetone	U		1.24	2.97
Allyl chloride	U		0.582	0.626
Benzene	U		0.351	0.639
Benzyl Chloride	U		0.461	1.04
Bromodichloromethane	U		0.466	1.34
Bromoform	U		0.781	6.52
Bromomethane	U		0.364	0.776
1,3-Butadiene	U		0.350	4.43
Carbon disulfide	U		0.498	1.24
Carbon tetrachloride	U		0.470	1.26
Chlorobenzene	U		0.545	0.924
Chloroethane	U		0.290	0.528
Chloroform	U		0.506	0.973
Chloromethane	U		0.227	0.413
2-Chlorotoluene	U		0.406	1.03
Cyclohexane	U		0.585	0.689
Dibromochloromethane	U		0.592	1.70
1,2-Dibromoethane	U		0.531	1.54
1,2-Dichlorobenzene	U		0.441	1.20
1,3-Dichlorobenzene	U		0.453	1.20
1,4-Dichlorobenzene	U		0.462	1.20
1,2-Dichloroethane	U		0.296	0.810
1,1-Dichloroethane	U		0.285	0.802
1,1-Dichloroethene	U		0.296	0.793
cis-1,2-Dichloroethene	U		0.315	0.793
trans-1,2-Dichloroethene	U		0.291	0.793
1,2-Dichloropropane	U		0.348	0.924
cis-1,3-Dichloropropene	U		0.337	0.908
trans-1,3-Dichloropropene	U		0.361	0.908
1,4-Dioxane	U		0.591	2.27
Ethanol	U		4.47	4.71
Ethylbenzene	U		0.337	0.867
4-Ethyltoluene	U		0.435	0.982
Trichlorofluoromethane	U		0.433	1.12
Dichlorodifluoromethane	U		0.399	0.989
1,1,2-Trichlorotrifluoroethane	U		0.576	1.53
1,2-Dichlorotetrafluoroethane	U		0.529	1.40
Heptane	U		0.466	0.818
Hexachloro-1,3-butadiene	U		0.854	6.73

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4289483-3 10/19/25 11:15

Analyte	MB Result ug/m3	MB Qualifier	MB MDL ug/m3	MB RDL ug/m3
n-Hexane	U		0.504	2.22
Isopropylbenzene	U		0.355	0.983
Methylene Chloride	U		0.587	0.694
Methyl Butyl Ketone	U		0.544	5.11
2-Butanone (MEK)	U		0.342	3.69
4-Methyl-2-pentanone (MIBK)	U		0.434	5.12
Methyl methacrylate	U		0.692	0.819
MTBE	U		0.293	0.721
Naphthalene	U		3.23	3.30
2-Propanol	U		1.67	3.07
Propene	U		0.368	2.15
Styrene	U		0.341	1.70
1,1,2,2-Tetrachloroethane	U		0.478	1.37
Tetrachloroethylene	U		0.754	1.36
Tetrahydrofuran	U		0.484	0.590
Toluene	U		0.490	1.88
1,2,4-Trichlorobenzene	U		3.42	4.66
1,1,1-Trichloroethane	U		0.391	1.09
1,1,2-Trichloroethane	U		0.372	1.09
Trichloroethylene	U		0.364	1.07
1,2,4-Trimethylbenzene	U		0.455	0.982
1,3,5-Trimethylbenzene	U		0.419	0.982
2,2,4-Trimethylpentane	U		0.420	0.934
Vinyl chloride	U		0.211	0.511
Vinyl Bromide	U		0.328	0.875
Vinyl acetate	U		0.341	2.22
m&p-Xylene	U		0.754	1.73
o-Xylene	U		0.385	0.867
(S) 1,4-Bromofluorobenzene	92.3			60.0-140

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4289483-1 10/19/25 10:22 • (LCSD) R4289483-2 10/19/25 10:49

Analyte	Spike Amount ug/m3	LCS Result ug/m3	LCSD Result ug/m3	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/MS) Low Fraction	777	834	843	107	109	70.0-130			0.985	25
Acetone	8.91	9.22	9.27	103	104	70.0-130			0.514	25
Allyl chloride	11.7	13.3	13.4	114	114	70.0-130			0.702	25
Benzene	12.0	14.0	14.1	117	118	70.0-130			0.455	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4289483-1 10/19/25 10:22 • (LCSD) R4289483-2 10/19/25 10:49

Analyte	Spike Amount ug/m3	LCS Result ug/m3	LCSD Result ug/m3	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Benzyl Chloride	19.5	25.0	24.4	128	125	70.0-152			2.31	25
Bromodichloromethane	25.2	29.1	29.3	116	117	70.0-130			0.689	25
Bromoform	38.8	45.7	44.9	118	116	70.0-130			1.83	25
Bromomethane	14.6	17.2	17.3	118	119	70.0-130			0.676	25
1,3-Butadiene	8.30	9.07	9.16	109	110	70.0-130			0.971	25
Carbon disulfide	23.3	26.5	26.7	114	114	70.0-130			0.584	25
Carbon tetrachloride	23.6	28.5	28.8	121	122	70.0-130			1.32	25
Chlorobenzene	17.3	20.7	20.9	119	121	70.0-130			1.33	25
Chloroethane	9.89	11.2	11.4	113	116	70.0-130			2.10	25
Chloroform	18.3	21.0	21.3	115	117	70.0-130			1.15	25
Chloromethane	7.75	8.28	8.45	107	109	70.0-130			1.98	25
2-Chlorotoluene	19.3	23.9	24.0	124	124	70.0-130			0.430	25
Cyclohexane	12.9	14.8	15.2	115	118	70.0-130			2.29	25
Dibromochloromethane	31.9	39.0	39.1	122	123	70.0-130			0.218	25
1,2-Dibromoethane	28.8	36.1	36.3	125	126	70.0-130			0.425	25
1,2-Dichlorobenzene	22.5	28.7	28.1	127	125	70.0-130			1.90	25
1,3-Dichlorobenzene	22.5	29.5	29.8	131	132	70.0-130	J4	J4	1.22	25
1,4-Dichlorobenzene	22.5	28.7	28.9	127	128	70.0-130			0.627	25
1,2-Dichloroethane	15.2	16.9	17.0	111	112	70.0-130			0.955	25
1,1-Dichloroethane	15.0	17.5	17.7	116	118	70.0-130			1.14	25
1,1-Dichloroethene	14.9	16.9	17.1	114	115	70.0-130			1.17	25
cis-1,2-Dichloroethene	14.9	16.6	16.8	112	113	70.0-130			1.19	25
trans-1,2-Dichloroethene	14.9	17.9	18.1	120	122	70.0-130			1.10	25
1,2-Dichloropropane	17.3	19.6	19.6	113	113	70.0-130			0.000	25
cis-1,3-Dichloropropene	17.0	21.2	20.7	124	122	70.0-130			1.95	25
trans-1,3-Dichloropropene	17.0	20.7	21.1	121	124	70.0-130			2.17	25
1,4-Dioxane	13.5	16.7	16.8	123	125	70.0-140			0.860	25
Ethanol	7.07	6.07	6.13	85.9	86.7	55.0-148			0.927	25
Ethylbenzene	16.3	19.8	19.8	122	122	70.0-130			0.000	25
4-Ethyltoluene	18.4	23.8	23.9	129	130	70.0-130			0.412	25
Trichlorofluoromethane	21.1	24.5	24.9	116	118	70.0-130			1.59	25
Dichlorodifluoromethane	18.5	21.5	22.0	116	119	64.0-139			2.27	25
1,1,2-Trichlorotrifluoroethane	28.7	34.6	35.0	121	122	70.0-130			0.881	25
1,2-Dichlorotetrafluoroethane	26.2	30.9	31.3	118	119	70.0-130			1.12	25
Heptane	15.3	17.0	17.3	111	113	70.0-130			1.67	25
Hexachloro-1,3-butadiene	40.0	52.1	49.3	130	123	70.0-151			5.47	25
n-Hexane	13.2	14.8	14.9	112	113	70.0-130			0.948	25
Isopropylbenzene	18.4	23.0	22.6	125	122	70.0-130			1.94	25
Methylene Chloride	13.0	13.6	13.5	105	104	70.0-130			0.512	25
Methyl Butyl Ketone	15.3	17.5	17.6	114	115	70.0-149			0.698	25

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4289483-1 10/19/25 10:22 • (LCSD) R4289483-2 10/19/25 10:49

Analyte	Spike Amount ug/m3	LCS Result ug/m3	LCSD Result ug/m3	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
2-Butanone (MEK)	11.1	12.2	12.5	110	113	70.0-130			2.15	25
4-Methyl-2-pentanone (MIBK)	15.4	15.4	15.1	100	98.7	70.0-139			1.34	25
Methyl methacrylate	15.4	17.8	18.1	116	118	70.0-130			1.60	25
MTBE	13.5	15.1	15.4	112	114	70.0-130			1.89	25
Naphthalene	19.6	23.3	22.7	119	116	70.0-159			2.73	25
2-Propanol	9.22	9.54	9.81	103	106	70.0-139			2.80	25
Propene	6.46	7.30	7.35	113	114	64.0-144			0.705	25
Styrene	31.9	39.8	39.9	125	125	70.0-130			0.320	25
1,1,2-Tetrachloroethane	25.8	32.6	32.2	126	125	70.0-130			1.06	25
Tetrachloroethylene	25.5	31.1	31.6	122	124	70.0-130			1.73	25
Tetrahydrofuran	11.1	11.7	11.8	106	106	70.0-137			0.755	25
Toluene	14.1	16.6	16.9	118	120	70.0-130			1.80	25
1,2,4-Trichlorobenzene	27.8	31.6	31.0	114	112	70.0-160			1.89	25
1,1,1-Trichloroethane	20.4	24.5	24.5	120	120	70.0-130			0.000	25
1,1,2-Trichloroethane	20.4	25.2	25.6	123	125	70.0-130			1.50	25
Trichloroethylene	20.1	23.7	23.9	118	119	70.0-130			0.901	25
1,2,4-Trimethylbenzene	18.4	23.9	23.7	130	129	70.0-130			0.826	25
1,3,5-Trimethylbenzene	18.4	23.7	23.9	129	130	70.0-130			0.826	25
2,2,4-Trimethylpentane	17.5	19.7	20.0	113	114	70.0-130			1.41	25
Vinyl chloride	9.59	10.8	10.9	113	114	70.0-130			1.18	25
Vinyl Bromide	16.4	20.0	20.3	122	124	70.0-130			1.52	25
Vinyl acetate	13.2	14.2	15.4	107	117	70.0-130			8.34	25
m&p-Xylene	32.5	40.0	39.9	123	123	70.0-130			0.217	25
o-Xylene	16.3	19.9	19.7	122	121	70.0-130			0.877	25
(S) 1,4-Bromofluorobenzene				95.5	94.6	60.0-140				

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Method Blank (MB)

(MB) R4289940-3 10/21/25 11:32

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/m3		ug/m3	ug/m3
Propene	U		0.368	2.15
Tetrachloroethylene	U		0.754	1.36
<i>(S) 1,4-Bromofluorobenzene</i>	97.4			60.0-140

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4289940-1 10/21/25 08:59 • (LCSD) R4289940-2 10/21/25 09:31

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/m3	ug/m3	ug/m3	%	%	%			%	%
Propene	6.46	5.85	5.89	90.7	91.2	64.0-144			0.587	25
Tetrachloroethylene	25.5	24.8	25.1	97.3	98.7	70.0-130			1.36	25
<i>(S) 1,4-Bromofluorobenzene</i>				101	98.9	60.0-140				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4289915-3 10/21/25 09:53

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
2-Propanol	U		1.67	3.07
(S) 1,4-Bromofluorobenzene	82.0			60.0-140

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4289915-1 10/21/25 08:56 • (LCSD) R4289915-2 10/21/25 09:26

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
2-Propanol	9.22	8.50	8.31	92.3	90.1	70.0-139			2.34	25
(S) 1,4-Bromofluorobenzene				100	99.5	60.0-140				

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J4	The associated batch QC was outside the established quality control range for accuracy.



ACCREDITATIONS & LOCATIONS

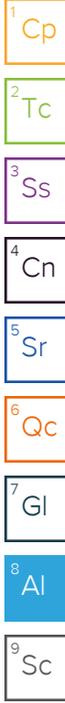
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



Pace Pace* Location Requested (City/State): **Air CHAIN-OF-CUSTODY Analytical Request Document**
 Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Company Name: **Alpha Environmental Services, Inc** Contact/Report To: **Jim Cooper**
 Street Address: **11080 SW Allen Blvd.** Phone #: **503-292-5346**
 City, State Zip: _____ E-Mail: **Jim@alphaenvironmental.net**
 Customer Project #: **25-68929** Invoice to: _____
 Project Name: **1555 Monmouth Street** Invoice E-Mail: _____
 Site Collection info/Facility ID (as applicable): **ALPHAENVBOR-AIR** Purchase Order # (if applicable): _____
 Time Zone Collected: [] AK [] PT [] MT [] CT [] ET Quote #: _____
 State origin of sample(s): _____

Regulatory Program (CAA, RCRA, etc.) as applicable: _____
 Rush (Pre-approval required): 2 Day 3 day 5 day Other _____ Permit # as applicable: _____
 Date Results Requested: _____ Units for Reporting: ug/m³ PPBV mg/m³ PPMV

* Matrix Codes (insert in Matrix box below): Ambient (A), Indoor (I), Soil Vapor (SV), Other (O)

Customer Sample ID	Matrix *	Summa Canister ID	Flow Controller ID	Begin Collection		End Collection		Start Pressure / Vacuum (in Hg)	End Pressure / Vacuum (in Hg)	Duration (minutes)	Flow Rate (m ³ /min or L/min)	Total Volume Sampled (m ³ or L)	TO-15 Summa	RBDM VOC's	TPH	Sample Comment
				Date	Time	Date	Time									
SU-1	SU	9025	13354	10/10	10:48	10/10	10:54	30	5	6			X	X		
SS-1	SU	22419	12904	10/10	11:29	10/10	11:34	28	3	5			X	X		
SS-2	SU	10645	12863	11	12:00	11	12:06	30	5	6			X	X		
SS-2-Dup	SU	24613	29065	11	12:09	11	12:15	30	5	0			X	X		
SS-3	SU	15839	14493	11	12:36	11	12:38	10	3	2			X	X		
SS-4	SU	23905	12642	11	13:11	11	13:17	30	4	6			X	X		

Sample Receipt Checklist
 COC Seal Present/Intact: Y N NP Airs _____
 COC Signed/Accurate: Y N _____ Size: 6 1L _____ 6L _____ 1.4L _____
 Bottles arrive intact: Y N _____
 Correct bottles used: Y N _____ Tag Color: G W 6 P B _____
 Unused: _____ 1L _____ 6L _____ 1.4L _____ Condition: OK NCF

Customer Remarks / Special: _____ Printed Name: _____ Signature: _____
 Additional Instructions from Pace*: _____
 # Coolers: _____ Thermometer ID: _____ Correction Factor (°C): _____ Obs. Temp. (°C): _____ Corrected Temp. (°C): _____
 Relinquished by/Company: (Signature) _____ Date/Time: 10/10 17:00 Received by/Company: (Signature) _____ Date/Time: 10/14/25 0845 Tracking Number: _____
 Relinquished by/Company: (Signature) _____ Date/Time: _____ Received by/Company: (Signature) _____ Date/Time: _____ Delivered by: In-Person Courier
 Relinquished by/Company: (Signature) _____ Date/Time: _____ Received by/Company: (Signature) _____ Date/Time: _____ FedEX UPS Other
 Relinquished by/Company: (Signature) _____ Date/Time: _____ Received by/Company: (Signature) _____ Date/Time: _____ Page: _____ of: _____



Scan QR code for instructions

9-24-25

Lab Use Only
 Proj. Manager: **942 - Jordan N Zito**
 AcctNum / Client ID: **ALPHAENVBO**
 Table #: _____
 Profile / Template: **T281299**
 Prelog / Bottle Ord. ID: **P1179662**

Time estimate: oh

Time spent: oh

Members



Jeremy Watkins (responsible)



JZ Jordan Zito

- Login Clarification needed
- Chain of custody is incomplete
- Custody seal not intact
- Please specify Metals requested
- Please specify TCLP requested
- Received additional samples not listed on COC
- Sample IDs on containers do not match IDs on COC
- Client did not "X" analysis
- Chain of Custody is missing
- If no COC: Received by: Dalton Mason
- If no COC: Date/Time: 10/14/25 0845
- If no COC: Temp./Cont.Rec./pH: AMB
- If no COC: Carrier: FedEx
- If no COC: Tracking #: _____
- Client informed by call
- Client informed by Email
- Client informed by Voicemail
- Date/Time: _____
- PM initials: _____
- Client Contact: _____

Comments

Jeremy Watkins

15 October 2025 4:43 PM

Received Air Sample for P1179662/T281299 no COC

Jordan Zito

17 October 2025 9:13 AM

Log for TO-15, COC attached

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Alpha Environmental Services, Inc

Sample Delivery Group: L1917817
Samples Received: 11/13/2025
Project Number:
Description:

Report To: Jim Cooper
11080 SW Allen Blvd.
Suite 100
Beaverton, OR 97005

Entire Report Reviewed By:



Jordan N Zito
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

ACCOUNT:

Alpha Environmental Services, Inc

PROJECT:

SDG:

L1917817

DATE/TIME:

11/20/25 09:18

PAGE:

1 of 15

TABLE OF CONTENTS

Cp: Cover Page	1	¹Cp
Tc: Table of Contents	2	
Ss: Sample Summary	3	²Tc
Cn: Case Narrative	4	
Sr: Sample Results	5	³Ss
VP1 L1917817-01	5	
VP2 L1917817-02	7	⁴Cn
Qc: Quality Control Summary	9	⁵Sr
Volatile Organic Compounds (MS) by Method TO-15	9	
Gl: Glossary of Terms	13	⁶Qc
Al: Accreditations & Locations	14	⁷Gl
Sc: Sample Chain of Custody	15	⁸Al
		⁹Sc

SAMPLE SUMMARY

VP1 L1917817-01

Collected by: Tyler Gass
 Collected date/time: 11/11/25 14:06
 Received date/time: 11/13/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2640451	1	11/14/25 18:46	11/14/25 18:46	ED	Mt. Juliet, TN

VP2 L1917817-02

Collected by: Tyler Gass
 Collected date/time: 11/11/25 14:22
 Received date/time: 11/13/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG2640451	1	11/14/25 19:27	11/14/25 19:27	ED	Mt. Juliet, TN

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jordan N Zito
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL	RDL	Result	Qualifier	Dilution	Batch
			ug/m3	ug/m3	ug/m3			
TPH (GC/MS) Low Fraction	8006-61-9	101	282	826	2710		1	WG2640451
Acetone	67-64-1	58.10	1.24	2.97	575	E	1	WG2640451
Allyl chloride	107-05-1	76.53	0.582	0.626	U		1	WG2640451
Benzene	71-43-2	78.10	0.351	0.639	1.51		1	WG2640451
Benzyl Chloride	100-44-7	127	0.461	1.04	U		1	WG2640451
Bromodichloromethane	75-27-4	164	0.466	1.34	U		1	WG2640451
Bromoform	75-25-2	253	0.781	6.52	U		1	WG2640451
Bromomethane	74-83-9	94.90	0.364	0.776	U		1	WG2640451
1,3-Butadiene	106-99-0	54.10	0.350	4.43	1.39	J	1	WG2640451
Carbon disulfide	75-15-0	76.10	0.498	1.24	3.24		1	WG2640451
Carbon tetrachloride	56-23-5	154	0.470	1.26	U		1	WG2640451
Chlorobenzene	108-90-7	113	0.545	0.924	U		1	WG2640451
Chloroethane	75-00-3	64.50	0.290	0.528	U		1	WG2640451
Chloroform	67-66-3	119	0.506	0.973	U		1	WG2640451
Chloromethane	74-87-3	50.50	0.227	0.413	0.264	J	1	WG2640451
2-Chlorotoluene	95-49-8	126	0.406	1.03	U		1	WG2640451
Cyclohexane	110-82-7	84.20	0.585	0.689	U		1	WG2640451
Dibromochloromethane	124-48-1	208	0.592	1.70	U		1	WG2640451
1,2-Dibromoethane	106-93-4	188	0.531	1.54	U		1	WG2640451
1,2-Dichlorobenzene	95-50-1	147	0.441	1.20	U		1	WG2640451
1,3-Dichlorobenzene	541-73-1	147	0.453	1.20	U		1	WG2640451
1,4-Dichlorobenzene	106-46-7	147	0.462	1.20	U		1	WG2640451
1,2-Dichloroethane	107-06-2	99	0.296	0.810	11.7		1	WG2640451
1,1-Dichloroethane	75-34-3	98	0.285	0.802	U		1	WG2640451
1,1-Dichloroethene	75-35-4	96.90	0.296	0.793	U		1	WG2640451
cis-1,2-Dichloroethene	156-59-2	96.90	0.315	0.793	U		1	WG2640451
trans-1,2-Dichloroethene	156-60-5	96.90	0.291	0.793	U		1	WG2640451
1,2-Dichloropropane	78-87-5	113	0.348	0.924	U		1	WG2640451
cis-1,3-Dichloropropene	10061-01-5	111	0.337	0.908	U		1	WG2640451
trans-1,3-Dichloropropene	10061-02-6	111	0.361	0.908	U		1	WG2640451
1,4-Dioxane	123-91-1	88.10	0.591	2.27	U		1	WG2640451
Ethanol	64-17-5	46.10	4.47	4.71	228	E J4	1	WG2640451
Ethylbenzene	100-41-4	106	0.337	0.867	0.845	J	1	WG2640451
4-Ethyltoluene	622-96-8	120	0.435	0.982	U		1	WG2640451
Trichlorofluoromethane	75-69-4	137.40	0.433	1.12	1.23		1	WG2640451
Dichlorodifluoromethane	75-71-8	120.92	0.399	0.989	2.01		1	WG2640451
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.576	1.53	U		1	WG2640451
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.529	1.40	U		1	WG2640451
Heptane	142-82-5	100	0.466	0.818	U		1	WG2640451
Hexachloro-1,3-butadiene	87-68-3	261	0.854	6.73	U		1	WG2640451
n-Hexane	110-54-3	86.20	0.504	2.22	1.21	J	1	WG2640451
Isopropylbenzene	98-82-8	120.20	0.355	0.983	U		1	WG2640451
Methylene Chloride	75-09-2	84.90	0.587	0.694	U		1	WG2640451
Methyl Butyl Ketone	591-78-6	100	0.544	5.11	5.60		1	WG2640451
2-Butanone (MEK)	78-93-3	72.10	0.342	3.69	34.2		1	WG2640451
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.434	5.12	15.0		1	WG2640451
Methyl methacrylate	80-62-6	100.12	0.692	0.819	U		1	WG2640451
MTBE	1634-04-4	88.10	0.293	0.721	U		1	WG2640451
Naphthalene	91-20-3	128	3.23	3.30	U		1	WG2640451
2-Propanol	67-63-0	60.10	1.67	3.07	80.1		1	WG2640451
Propene	115-07-1	42.10	0.368	2.15	5.06		1	WG2640451
Styrene	100-42-5	104	0.341	1.70	U		1	WG2640451
1,1,2,2-Tetrachloroethane	79-34-5	168	0.478	1.37	U		1	WG2640451
Tetrachloroethylene	127-18-4	166	0.754	1.36	U		1	WG2640451
Tetrahydrofuran	109-99-9	72.10	0.484	0.590	U		1	WG2640451
Toluene	108-88-3	92.10	0.490	1.88	2.50		1	WG2640451

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL ug/m3	RDL ug/m3	Result ug/m3	Qualifier	Dilution	Batch
1,2,4-Trichlorobenzene	120-82-1	181	3.42	4.66	U		1	WG2640451
1,1,1-Trichloroethane	71-55-6	133	0.391	1.09	U		1	WG2640451
1,1,2-Trichloroethane	79-00-5	133	0.372	1.09	U		1	WG2640451
Trichloroethylene	79-01-6	131	0.364	1.07	0.654	J	1	WG2640451
1,2,4-Trimethylbenzene	95-63-6	120	0.455	0.982	19.5		1	WG2640451
1,3,5-Trimethylbenzene	108-67-8	120	0.419	0.982	6.92		1	WG2640451
2,2,4-Trimethylpentane	540-84-1	114.22	0.420	0.934	U		1	WG2640451
Vinyl chloride	75-01-4	62.50	0.211	0.511	U		1	WG2640451
Vinyl Bromide	593-60-2	106.95	0.328	0.875	U		1	WG2640451
Vinyl acetate	108-05-4	86.10	0.341	2.22	U		1	WG2640451
m&p-Xylene		106	0.754	1.73	2.77		1	WG2640451
o-Xylene	95-47-6	106	0.385	0.867	1.17		1	WG2640451
^(S) 1,4-Bromofluorobenzene	460-00-4	175			96.5		60.0-140	WG2640451

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL	RDL	Result	Qualifier	Dilution	Batch
			ug/m3	ug/m3	ug/m3			
TPH (GC/MS) Low Fraction	8006-61-9	101	282	826	U		1	WG2640451
Acetone	67-64-1	58.10	1.24	2.97	57.3		1	WG2640451
Allyl chloride	107-05-1	76.53	0.582	0.626	U		1	WG2640451
Benzene	71-43-2	78.10	0.351	0.639	1.99		1	WG2640451
Benzyl Chloride	100-44-7	127	0.461	1.04	U		1	WG2640451
Bromodichloromethane	75-27-4	164	0.466	1.34	U		1	WG2640451
Bromoform	75-25-2	253	0.781	6.52	U		1	WG2640451
Bromomethane	74-83-9	94.90	0.364	0.776	U		1	WG2640451
1,3-Butadiene	106-99-0	54.10	0.350	4.43	U		1	WG2640451
Carbon disulfide	75-15-0	76.10	0.498	1.24	U		1	WG2640451
Carbon tetrachloride	56-23-5	154	0.470	1.26	U		1	WG2640451
Chlorobenzene	108-90-7	113	0.545	0.924	U		1	WG2640451
Chloroethane	75-00-3	64.50	0.290	0.528	U		1	WG2640451
Chloroform	67-66-3	119	0.506	0.973	U		1	WG2640451
Chloromethane	74-87-3	50.50	0.227	0.413	1.00		1	WG2640451
2-Chlorotoluene	95-49-8	126	0.406	1.03	U		1	WG2640451
Cyclohexane	110-82-7	84.20	0.585	0.689	4.10		1	WG2640451
Dibromochloromethane	124-48-1	208	0.592	1.70	U		1	WG2640451
1,2-Dibromoethane	106-93-4	188	0.531	1.54	U		1	WG2640451
1,2-Dichlorobenzene	95-50-1	147	0.441	1.20	U		1	WG2640451
1,3-Dichlorobenzene	541-73-1	147	0.453	1.20	U		1	WG2640451
1,4-Dichlorobenzene	106-46-7	147	0.462	1.20	U		1	WG2640451
1,2-Dichloroethane	107-06-2	99	0.296	0.810	2.02		1	WG2640451
1,1-Dichloroethane	75-34-3	98	0.285	0.802	U		1	WG2640451
1,1-Dichloroethene	75-35-4	96.90	0.296	0.793	U		1	WG2640451
cis-1,2-Dichloroethene	156-59-2	96.90	0.315	0.793	U		1	WG2640451
trans-1,2-Dichloroethene	156-60-5	96.90	0.291	0.793	U		1	WG2640451
1,2-Dichloropropane	78-87-5	113	0.348	0.924	U		1	WG2640451
cis-1,3-Dichloropropene	10061-01-5	111	0.337	0.908	U		1	WG2640451
trans-1,3-Dichloropropene	10061-02-6	111	0.361	0.908	U		1	WG2640451
1,4-Dioxane	123-91-1	88.10	0.591	2.27	U		1	WG2640451
Ethanol	64-17-5	46.10	4.47	4.71	390	E J4	1	WG2640451
Ethylbenzene	100-41-4	106	0.337	0.867	1.38		1	WG2640451
4-Ethyltoluene	622-96-8	120	0.435	0.982	U		1	WG2640451
Trichlorofluoromethane	75-69-4	137.40	0.433	1.12	1.19		1	WG2640451
Dichlorodifluoromethane	75-71-8	120.92	0.399	0.989	1.87		1	WG2640451
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.576	1.53	U		1	WG2640451
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.529	1.40	U		1	WG2640451
Heptane	142-82-5	100	0.466	0.818	1.98		1	WG2640451
Hexachloro-1,3-butadiene	87-68-3	261	0.854	6.73	U		1	WG2640451
n-Hexane	110-54-3	86.20	0.504	2.22	7.65		1	WG2640451
Isopropylbenzene	98-82-8	120.20	0.355	0.983	U		1	WG2640451
Methylene Chloride	75-09-2	84.90	0.587	0.694	25.6		1	WG2640451
Methyl Butyl Ketone	591-78-6	100	0.544	5.11	U		1	WG2640451
2-Butanone (MEK)	78-93-3	72.10	0.342	3.69	4.63		1	WG2640451
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	0.434	5.12	1.45	J	1	WG2640451
Methyl methacrylate	80-62-6	100.12	0.692	0.819	U		1	WG2640451
MTBE	1634-04-4	88.10	0.293	0.721	U		1	WG2640451
Naphthalene	91-20-3	128	3.23	3.30	U		1	WG2640451
2-Propanol	67-63-0	60.10	1.67	3.07	65.4		1	WG2640451
Propene	115-07-1	42.10	0.368	2.15	U		1	WG2640451
Styrene	100-42-5	104	0.341	1.70	1.11	J	1	WG2640451
1,1,2,2-Tetrachloroethane	79-34-5	168	0.478	1.37	U		1	WG2640451
Tetrachloroethylene	127-18-4	166	0.754	1.36	U		1	WG2640451
Tetrahydrofuran	109-99-9	72.10	0.484	0.590	U		1	WG2640451
Toluene	108-88-3	92.10	0.490	1.88	13.0		1	WG2640451

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	MDL ug/m3	RDL ug/m3	Result ug/m3	Qualifier	Dilution	Batch
1,2,4-Trichlorobenzene	120-82-1	181	3.42	4.66	U		1	WG2640451
1,1,1-Trichloroethane	71-55-6	133	0.391	1.09	U		1	WG2640451
1,1,2-Trichloroethane	79-00-5	133	0.372	1.09	U		1	WG2640451
Trichloroethylene	79-01-6	131	0.364	1.07	U		1	WG2640451
1,2,4-Trimethylbenzene	95-63-6	120	0.455	0.982	2.20		1	WG2640451
1,3,5-Trimethylbenzene	108-67-8	120	0.419	0.982	0.638	J	1	WG2640451
2,2,4-Trimethylpentane	540-84-1	114.22	0.420	0.934	6.73		1	WG2640451
Vinyl chloride	75-01-4	62.50	0.211	0.511	U		1	WG2640451
Vinyl Bromide	593-60-2	106.95	0.328	0.875	U		1	WG2640451
Vinyl acetate	108-05-4	86.10	0.341	2.22	U		1	WG2640451
m&p-Xylene	106	106	0.754	1.73	5.12		1	WG2640451
o-Xylene	95-47-6	106	0.385	0.867	1.63		1	WG2640451
^(S) 1,4-Bromofluorobenzene	460-00-4	175			98.6		60.0-140	WG2640451

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R4303073-3 11/14/25 11:42

Analyte	MB Result ug/m3	MB Qualifier	MB MDL ug/m3	MB RDL ug/m3
TPH (GC/MS) Low Fraction	U		282	826
Acetone	U		1.24	2.97
Allyl chloride	U		0.582	0.626
Benzene	U		0.351	0.639
Benzyl Chloride	U		0.461	1.04
Bromodichloromethane	U		0.466	1.34
Bromoform	U		0.781	6.52
Bromomethane	U		0.364	0.776
1,3-Butadiene	U		0.350	4.43
Carbon disulfide	U		0.498	1.24
Carbon tetrachloride	U		0.470	1.26
Chlorobenzene	U		0.545	0.924
Chloroethane	U		0.290	0.528
Chloroform	U		0.506	0.973
Chloromethane	U		0.227	0.413
2-Chlorotoluene	U		0.406	1.03
Cyclohexane	U		0.585	0.689
Dibromochloromethane	U		0.592	1.70
1,2-Dibromoethane	U		0.531	1.54
1,2-Dichlorobenzene	U		0.441	1.20
1,3-Dichlorobenzene	U		0.453	1.20
1,4-Dichlorobenzene	U		0.462	1.20
1,2-Dichloroethane	U		0.296	0.810
1,1-Dichloroethane	U		0.285	0.802
1,1-Dichloroethene	U		0.296	0.793
cis-1,2-Dichloroethene	U		0.315	0.793
trans-1,2-Dichloroethene	U		0.291	0.793
1,2-Dichloropropane	U		0.348	0.924
cis-1,3-Dichloropropene	U		0.337	0.908
trans-1,3-Dichloropropene	U		0.361	0.908
1,4-Dioxane	U		0.591	2.27
Ethanol	U		4.47	4.71
Ethylbenzene	U		0.337	0.867
4-Ethyltoluene	U		0.435	0.982
Trichlorofluoromethane	U		0.433	1.12
Dichlorodifluoromethane	U		0.399	0.989
1,1,2-Trichlorotrifluoroethane	U		0.576	1.53
1,2-Dichlorotetrafluoroethane	U		0.529	1.40
Heptane	U		0.466	0.818
Hexachloro-1,3-butadiene	U		0.854	6.73

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4303073-3 11/14/25 11:42

Analyte	MB Result ug/m3	MB Qualifier	MB MDL ug/m3	MB RDL ug/m3
n-Hexane	U		0.504	2.22
Isopropylbenzene	U		0.355	0.983
Methylene Chloride	U		0.587	0.694
Methyl Butyl Ketone	U		0.544	5.11
2-Butanone (MEK)	U		0.342	3.69
4-Methyl-2-pentanone (MIBK)	U		0.434	5.12
Methyl methacrylate	U		0.692	0.819
MTBE	U		0.293	0.721
Naphthalene	U		3.23	3.30
2-Propanol	U		1.67	3.07
Propene	U		0.368	2.15
Styrene	U		0.341	1.70
1,1,2,2-Tetrachloroethane	U		0.478	1.37
Tetrachloroethylene	U		0.754	1.36
Tetrahydrofuran	U		0.484	0.590
Toluene	U		0.490	1.88
1,2,4-Trichlorobenzene	U		3.42	4.66
1,1,1-Trichloroethane	U		0.391	1.09
1,1,2-Trichloroethane	U		0.372	1.09
Trichloroethylene	U		0.364	1.07
1,2,4-Trimethylbenzene	U		0.455	0.982
1,3,5-Trimethylbenzene	U		0.419	0.982
2,2,4-Trimethylpentane	U		0.420	0.934
Vinyl chloride	U		0.211	0.511
Vinyl Bromide	U		0.328	0.875
Vinyl acetate	U		0.341	2.22
m&p-Xylene	U		0.754	1.73
o-Xylene	U		0.385	0.867
(S) 1,4-Bromofluorobenzene	96.4			60.0-140

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4303073-1 11/14/25 10:16 • (LCSD) R4303073-2 11/14/25 10:57

Analyte	Spike Amount ug/m3	LCS Result ug/m3	LCSD Result ug/m3	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/MS) Low Fraction	777	719	715	92.6	92.0	70.0-130	↓	↓	0.576	25
Acetone	8.91	9.53	9.41	107	106	70.0-130			1.25	25
Allyl chloride	11.7	12.7	11.5	109	98.1	70.0-130			10.1	25
Benzene	12.0	12.3	12.5	102	104	70.0-130			1.81	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4303073-1 11/14/25 10:16 • (LCSD) R4303073-2 11/14/25 10:57

Analyte	Spike Amount ug/m3	LCS Result ug/m3	LCSD Result ug/m3	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzyl Chloride	19.5	21.5	21.2	110	109	70.0-152			1.22	25
Bromodichloromethane	25.2	24.6	25.6	97.9	102	70.0-130			3.74	25
Bromoform	38.8	37.8	38.3	97.3	98.7	70.0-130			1.36	25
Bromomethane	14.6	11.6	11.5	80.0	79.2	70.0-130			1.01	25
1,3-Butadiene	8.30	6.53	6.93	78.7	83.5	70.0-130			5.92	25
Carbon disulfide	23.3	24.1	24.5	103	105	70.0-130			1.54	25
Carbon tetrachloride	23.6	23.4	23.7	99.2	101	70.0-130			1.34	25
Chlorobenzene	17.3	17.5	17.7	101	102	70.0-130			1.57	25
Chloroethane	9.89	8.26	7.81	83.5	78.9	70.0-130			5.58	25
Chloroform	18.3	18.2	18.1	99.5	99.2	70.0-130			0.268	25
Chloromethane	7.75	7.48	7.60	96.5	98.1	70.0-130			1.64	25
2-Chlorotoluene	19.3	20.3	20.0	105	104	70.0-130			1.28	25
Cyclohexane	12.9	13.8	14.2	107	110	70.0-130			2.95	25
Dibromochloromethane	31.9	31.5	32.0	98.7	100	70.0-130			1.61	25
1,2-Dibromoethane	28.8	29.0	29.8	101	103	70.0-130			2.62	25
1,2-Dichlorobenzene	22.5	23.6	23.3	105	103	70.0-130			1.28	25
1,3-Dichlorobenzene	22.5	23.9	23.6	106	105	70.0-130			1.27	25
1,4-Dichlorobenzene	22.5	23.9	23.7	106	105	70.0-130			1.01	25
1,2-Dichloroethane	15.2	15.5	15.7	102	103	70.0-130			1.30	25
1,1-Dichloroethane	15.0	15.4	15.4	102	102	70.0-130			0.261	25
1,1-Dichloroethene	14.9	15.9	15.7	107	106	70.0-130			1.01	25
cis-1,2-Dichloroethene	14.9	15.1	15.3	102	103	70.0-130			1.56	25
trans-1,2-Dichloroethene	14.9	15.3	15.7	103	105	70.0-130			2.05	25
1,2-Dichloropropane	17.3	17.4	17.8	101	103	70.0-130			2.36	25
cis-1,3-Dichloropropene	17.0	17.3	17.3	102	102	70.0-130			0.262	25
trans-1,3-Dichloropropene	17.0	17.3	17.5	102	103	70.0-130			1.30	25
1,4-Dioxane	13.5	14.1	14.5	104	107	70.0-140			3.02	25
Ethanol	7.07	10.4	11.1	148	157	55.0-148		J4	5.95	25
Ethylbenzene	16.3	16.8	16.8	103	103	70.0-130			0.000	25
4-Ethyltoluene	18.4	19.7	19.7	107	107	70.0-130			0.000	25
Trichlorofluoromethane	21.1	18.8	19.1	89.3	90.7	70.0-130			1.48	25
Dichlorodifluoromethane	18.5	18.5	19.5	100	105	64.0-139			5.19	25
1,1,2-Trichlorotrifluoroethane	28.7	30.5	31.0	106	108	70.0-130			1.74	25
1,2-Dichlorotetrafluoroethane	26.2	26.2	26.5	99.7	101	70.0-130			1.33	25
Heptane	15.3	17.1	17.3	111	113	70.0-130			1.43	25
Hexachloro-1,3-butadiene	40.0	40.6	39.8	101	99.5	70.0-151			1.86	25
n-Hexane	13.2	14.1	14.3	106	108	70.0-130			1.74	25
Isopropylbenzene	18.4	19.6	19.5	106	106	70.0-130			0.755	25
Methylene Chloride	13.0	13.0	12.9	99.7	99.2	70.0-130			0.536	25
Methyl Butyl Ketone	15.3	16.7	16.7	109	109	70.0-149			0.245	25

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4303073-1 11/14/25 10:16 • (LCSD) R4303073-2 11/14/25 10:57

Analyte	Spike Amount ug/m3	LCS Result ug/m3	LCSD Result ug/m3	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
2-Butanone (MEK)	11.1	10.7	10.8	96.5	97.9	70.0-130			1.37	25
4-Methyl-2-pentanone (MIBK)	15.4	16.5	16.7	107	109	70.0-139			1.24	25
Methyl methacrylate	15.4	15.8	16.2	103	105	70.0-130			2.30	25
MTBE	13.5	14.1	14.3	105	106	70.0-130			1.52	25
Naphthalene	19.6	20.4	20.1	104	102	70.0-159			1.55	25
2-Propanol	9.22	9.86	9.83	107	107	70.0-139			0.250	25
Propene	6.46	6.16	6.20	95.5	96.0	64.0-144			0.557	25
Styrene	31.9	35.5	35.2	111	110	70.0-130			0.722	25
1,1,2,2-Tetrachloroethane	25.8	26.2	26.2	102	102	70.0-130			0.000	25
Tetrachloroethylene	25.5	25.5	25.8	100	101	70.0-130			1.32	25
Tetrahydrofuran	11.1	11.5	11.6	104	105	70.0-137			0.768	25
Toluene	14.1	14.7	14.9	104	106	70.0-130			1.27	25
1,2,4-Trichlorobenzene	27.8	28.2	27.5	102	98.9	70.0-160			2.66	25
1,1,1-Trichloroethane	20.4	20.2	20.6	99.2	101	70.0-130			1.60	25
1,1,2-Trichloroethane	20.4	20.4	20.8	100	102	70.0-130			1.85	25
Trichloroethylene	20.1	20.1	20.5	100	102	70.0-130			2.11	25
1,2,4-Trimethylbenzene	18.4	20.2	20.1	110	109	70.0-130			0.488	25
1,3,5-Trimethylbenzene	18.4	20.1	19.8	109	107	70.0-130			1.72	25
2,2,4-Trimethylpentane	17.5	19.2	19.0	109	109	70.0-130			0.734	25
Vinyl chloride	9.59	7.54	8.21	78.7	85.6	70.0-130			8.44	25
Vinyl Bromide	16.4	14.3	14.0	86.9	85.6	70.0-130			1.55	25
Vinyl acetate	13.2	12.0	10.0	91.2	76.0	70.0-130			18.2	25
m&p-Xylene	32.5	34.7	34.8	107	107	70.0-130			0.249	25
o-Xylene	16.3	17.4	17.4	107	107	70.0-130			0.249	25
(S) 1,4-Bromofluorobenzene				98.6	96.4	60.0-140				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J4	The associated batch QC was outside the established quality control range for accuracy.



ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Pace Pace* Location Requested (City/State): **Air CHAIN-OF-CUSTODY Analytical Request Document**
 Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: **Alpha Environmental Services, Inc** Contact/Report To: **Jim Cooper**
 Street Address: **11080 SW Allen Blvd.** Phone #: **503-292-5346**
 E-Mail: **jim@alphaenvironmental.net**
 City, State Zip: _____ Cc E-Mail: _____
 Customer Project #: _____ Invoice to: _____
 Project Name: _____ Invoice E-Mail: _____
 Site Collection Info/Facility ID (as applicable): **ALPHAENVBOR-AIR** Purchase Order # (if applicable): _____
 Quote #: _____
 Time Zone Collected: [] AK [X] PT [] MT [] CT [] ET State origin of sample(s): **Oregon**

Data Deliverables: [] Level II [] Level III [] Level IV [] EQUIS [] Other _____
 Regulatory Program (CAA, RCRA, etc.) as applicable: _____
 Rush (Pre-approval required): 2 Day 3 day 5 day Other _____
 Permit # as applicable: _____
 Date Results Requested: _____ Units for Reporting: ug/m³ PPBV mg/m³ PPMV

* Matrix Codes (Insert in Matrix box below): Ambient (A), Indoor (I), Soil Vapor (SV), Other (O)

Customer Sample ID	Matrix *	Summa Canister ID	Flow Controller ID	Begin Collection		End Collection		Start Pressure / Vacuum (in Hg)	End Pressure / Vacuum (in Hg)	Duration (minutes)	Flow Rate (m ³ /min or L/min)	Total Volume Sampled (m ³ or L)	TO-15 Summa	TPH	VOCs Full List	Sample Comment
				Date	Time	Date	Time									
VP1	SV	5335	12577	2:02 11/11/25	2:02 11/11/25	2:06	2:06	27.5	S	4			X	X	X	L1917917-01
VP2	SV	22222	21036	2:21 11/11/25	2:21 11/11/25	2:22	2:22	30	S	1			X	X	X	02

Customer Remarks / Special Conditions / Possible Hazards: _____
 Collected By: _____
 Printed Name: **Tyler Guss**
 Signature: *Tyler Guss*
 Additional Instructions from Pace*: _____
 # Coolers: _____ Thermometer ID: _____ Correction Factor (°C): _____ Obs. Temp. (°C): _____ Corrected Temp. (°C): _____

Relinquished by/Company: (Signature) *AS Ouse* Date/Time: **15:00** Received by/Company: (Signature) *Eoster Organ* Date/Time: **11/13/25 0900** Tracking Number: _____
 Relinquished by/Company: (Signature) _____ Date/Time: _____ Received by/Company: (Signature) _____ Date/Time: _____ Delivered by: In-Person Courier
 Relinquished by/Company: (Signature) _____ Date/Time: _____ Received by/Company: (Signature) _____ Date/Time: _____ FedEX UPS Other
 Relinquished by/Company: (Signature) _____ Date/Time: _____ Received by/Company: (Signature) _____ Date/Time: _____ Page: _____ of: _____

LAB USE ONLY - Affix Workorder/Login Label Here

Sample Receipt Checklist **7920 2023 5344**
 COC Seal Present/Intact: Y N NF
 COC Signed/Accurate: Y N
 Bottles arrive intact: Y N
 Correct bottles used: Y N
 Unused: _____ 1L _____ 6L _____ 1.4L
 Size: **2** 1L _____ 6L _____ 1.4L
 Tag Color: **G** **W** P B
 Condition: OK NCF

Field Information

Analyses Requested

Proj. Manager: **942 - Jordan N Zito**
 AcctNum / Client ID: _____
ALPHAENVBOR
 Table #: **M179**
 Profile / Template: **T283502**
 Prelog / Bottle Ord. ID: **P1187758**