



1631 E. Saint Andrew Place
Santa Ana, CA 92705
t 714.919.6500

September 9, 2025

Rachel Long
Department of Environmental Quality
Western Region Eugene Office
165 East Seventh Avenue, Suite 100
Eugene, OR 97401

Site Status Update Report
Pacific Roads Southtowne
2910 Willamette Street
Eugene, Oregon
Lane County
DEQ Tanks File No.: 20-25-0402

Dear Ms. Long:

Montrose Environmental (Montrose), on behalf of United Pacific (UP), is pleased to provide this *Site Status Update Report* for the above referenced site. This update is intended to fulfill the Oregon Department of Environmental Quality's (DEQ's) 45-day report requirement for an interim status update regarding ongoing site cleanup activities as specified in the DEQ letter, dated July 2, 2025. Recent activities include underground storage tank (UST) decommissioning and initiation of site assessment field activities associated with a petroleum release from the former USTs and associated dispenser piping at the site. A site location map is presented as Figure 1.

The *UST Decommissioning Narrative* prepared by Bergeson-Boese & Associates, Inc. (BB&A) and dated July 7, 2025, details UST decommissioning activities, including soil sampling and dewatering. Analytical results of soil samples collected during the UST decommissioning work showed concentrations of petroleum contamination in soil collected from beneath the product lines. Specifically, samples PL-NW-2.5' and PL-NE-2.5' contained total petroleum hydrocarbons quantified as gasoline (TPH-Gx) at concentrations of 250 milligrams per kilogram (mg/kg) and 1,150 mg/kg, respectively, which exceed the DEQ's risk-based concentration (RBC) for leaching to groundwater of 130 mg/kg. Other constituents of concern were either below their respective RBCs or were not detected in the soil samples. The soil analytical results are summarized in Table 1. A site plan showing the soil sample locations is presented as Figure 2.

Based on information received by Montrose, site activities also included the excavation of petroleum contaminated soil (PCS) for disposal at Short Mountain Landfill, in Lane County, Oregon totaling the disposal of 628.16 tons of PCS. The dates of the soil disposal include four

Site Status Update Report

loads of PCS disposed of on March 18, 2025, twenty loads disposed of on June 5, 2025, in addition to twenty-one loads of PCS disposed of on June 9, 2025, and lastly two loads of PCS were disposed of on June 10, 2025. A copy of the PCS disposal documentation is included as Attachment A.

Based on the information received, the 628.16 tons of PCS was from over excavating the area surrounding the new canopy foundation and soil samples were collected at the cardinal limits and base of the canopy footing excavation. The locations of soil samples collected during the over excavation are illustrated on Figure 1, and the analytical data is summarized in Table 1. The laboratory analytical reports are included as Attachment B. It should be noted that the canopy excavation occurred in two parts and samples are designated as Canopy and Canopy2. For illustrative purposes, analytical results the UST decommissioning and over excavation sample locations are shown in Figure 2, with grayed out data representing soil that was removed during excavation activities. Based on data review, one sample location (Canopy2-NW-2.5') contains TPH-Gx at 224 mg/kg, which exceeds the RBC for leaching to groundwater. The sample location will require further investigation and assessment.

Further site assessment activities have yet to be initiated whereas Montrose just received final analytical results and disposal weight tickets to prepare a Work Plan to characterize constituents of concern (COCs). It has been reported to Montrose, that the site development plans are to remain a fueling station, with the replacement tank containing multiple compartments to be installed on the southern portion of the site. Montrose does not know if any contamination was encountered during the replacement tank activities, whereas the site has had numerous reported releases and has been granted numerous DEQ mandated No Further Action (NFA) letters, that include deed restriction and no use of groundwater for the site.

Historical observation of the subsurface geology identified clay overlying silt with some sand and gravels to a depth of 13 feet below ground surface (bgs). Groundwater has been encountered in boreholes at a depth of approximately 5 feet bgs and has been recorded in historical site monitoring wells at a level of less than 1 foot bgs to 5.5 feet bgs. Based on previous reporting, groundwater flow direction has generally been recorded to the east but has also been measured to the north and northeast.

On July 24, 2025, the *Initial – 20 Day Notice* was submitted to the DEQ by Montrose. Upon receipt of additional data and figure illustrations, UP plans to retain Montrose for further site characterization and assessment activities. Montrose will update DEQ once a schedule of work is in place. A copy of the *20-day Notice* is attached for reference (Attachment C).



Site Status Update Report

Montrose appreciates the opportunity to be of service to UP and the DEQ. Should you require any additional information, please contact either of the undersigned at (714) 919-6500.

Sincerely,

MONTROSE ENVIRONMENTAL



Charles McFadden
Project Geologist III



Laura Skow, RG
Project Manager

cc: Mr. Tom Robins, United Pacific

ATTACHMENTS:

Figure 1 – Site Location Map

Figure 2 – Site Plan

Figure 3 – Site Plan Showing Soil Sampling Locations

Table 1 – Soil Analytical Results

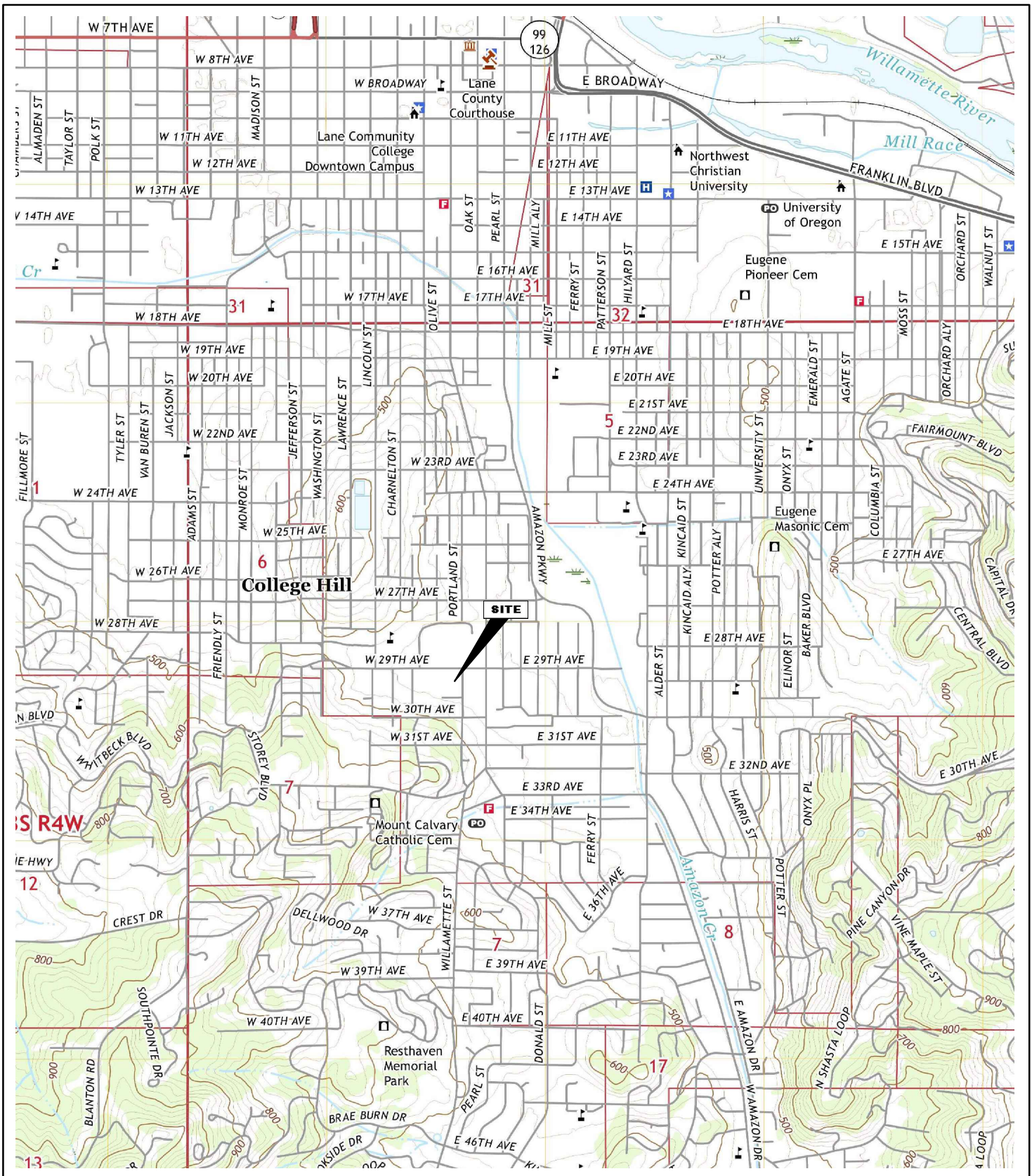
Attachment A – PCS Disposal Documentation

Attachment B – Laboratory Analytical Reports

Attachment C – Initial 20-day Report Form



FIGURES



Map Information:
 U.S. GEOLOGICAL SURVEY
 44°01'33.30"N 122°05'27.97"W

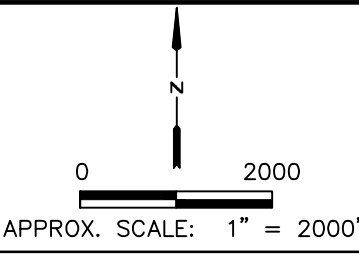
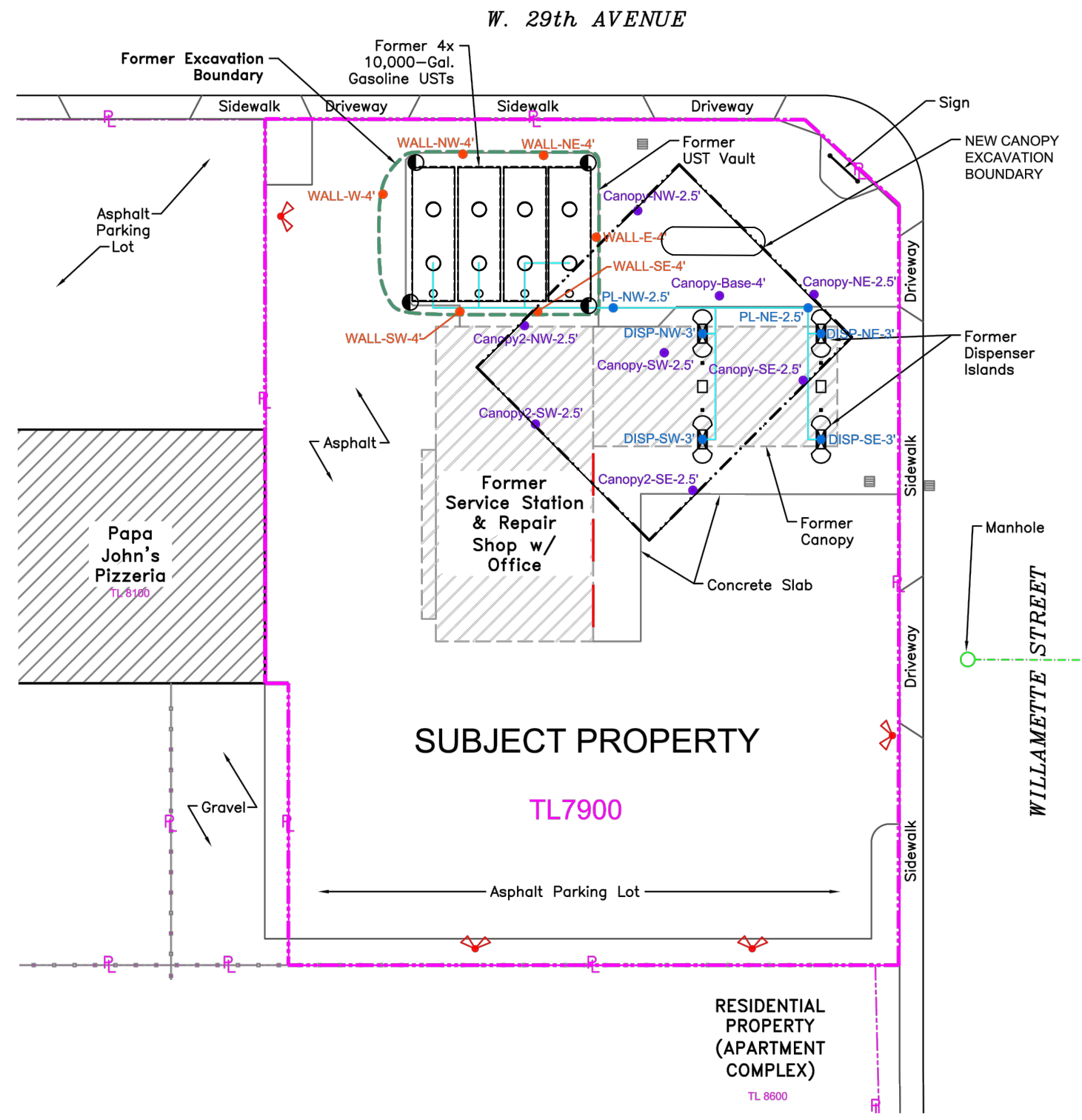


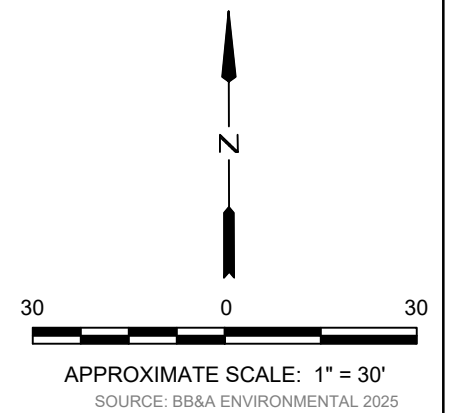
FIGURE 1
SITE LOCATION MAP
 2910 Willamette Street,
 Eugene, OR


DATE DRAWN 09/04/2025
PROJECT NO. 057436
FILE NO. F1-SLM

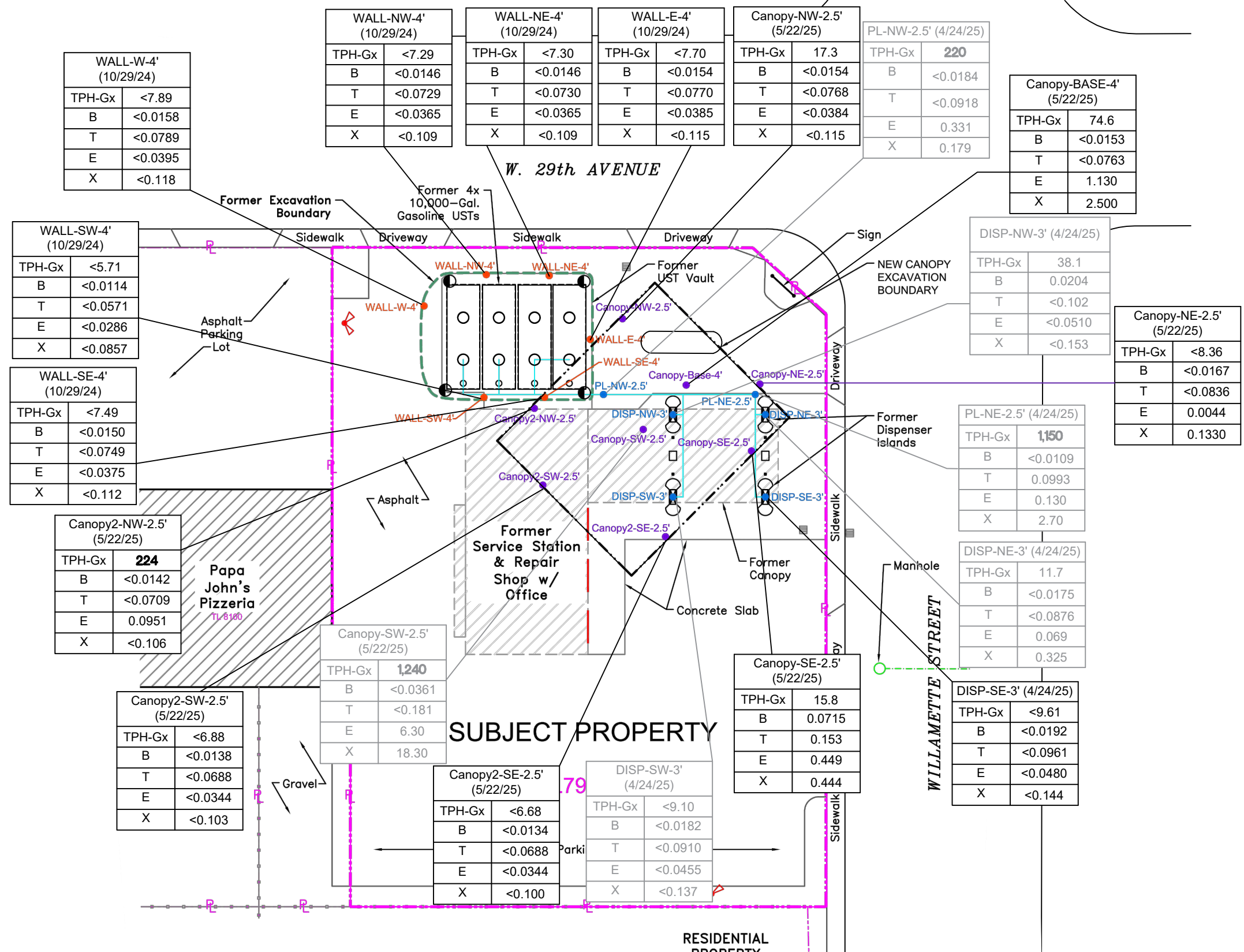


- LEGEND**
- Canopy-NW-2.5' Soil Sample Location and Identification Number
 - PL-NW-2.5' Soil Sample Location and Identification Number (BB&A Env. 4/24/2025)
 - WALL-SE-4' Soil Sample Location and Identification Number (BB&A Env. 10/29/2024)
 - Observation Well Location
 - P — Property Line
 - TL 7900 Tax Lot Number
 - ▒ Catch Basin
 - ∇ Exterior Lighting
 - ▨ Building

NOTE:
Oregon DEQ UST Permit Numbers East to West: AHAHF, AHAHG, AHAHH, AHAHJ



 <p>1631 E. Saint Andrew Place, Santa Ana, CA 92705 1.714.919.6500</p>	<p>FIGURE 2</p> <p>SITE PLAN</p>	<p>DATE DRAWN 08/28/2025</p>
		<p>PROJECT NO. 057436</p>
	<p>2910 Willamette Street, Eugene, OR</p>	<p>FILE NO. F2-SP</p>



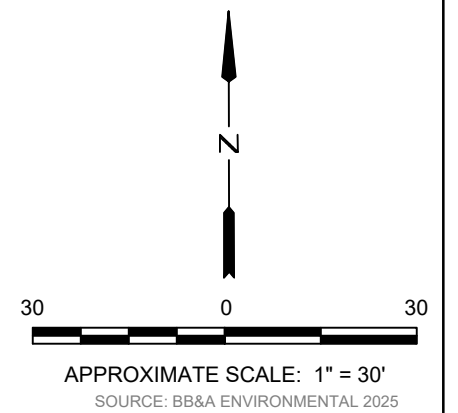
LEGEND

- Canopy-NW-2.5' Soil Sample Location and Identification Number
- PL-NW-2.5' Soil Sample Location and Identification Number (BB&A Env. 4/24/2025)
- WALL-SE-4' Soil Sample Location and Identification Number (BB&A Env. 10/29/2024)
- Observation Well Location
- Property Line
- TL 7900 Tax Lot Number
- ▣ Catch Basin
- ⚡ Exterior Lighting
- ▨ Building
- BOLD** Detection Exceeds Risk based concentration (RBC)

NOTE:
Oregon DEQ UST Permit Numbers East to West: AHAF, AHAG, AHAAH, AHAAJ

Canopy-SE-2.5'	
TPH-Gx	15.8
B	0.0715
T	0.153
E	0.449
X	0.444

Summary of Soil Analytical Data Results
*note data in grey is soil removed during excavation



 1631 E. Saint Andrew Place, Santa Ana, CA 92705 1.714.919.6500	FIGURE 3 SITE PLAN SHOWING SOIL SAMPLING LOCATIONS COMMERCIAL PROPERTY	DATE DRAWN 09/25/2025
	2910 Willamette Street, Eugene, OR	PROJECT NO. 057436
	FILE NO. F3-SS	

TABLE

TABLE 1
Summary of Soil Analytical Results
Pacific Roads Southtowne
Eugene, Oregon
Page 1 of 1

Sample ID	Date Sampled	Depth (feet bgs)	TPH-Dx	TPH-Ox	TPH-Gx	B	T	E	X	MTBE	EDB	EDC	Naph	Other VOCs	Total Pb	Cadmium	Chromium	PAHs
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			NWTPH-HCID / NWTPH-Dx Extended	NWTPH-Gx		EPA Method 8260D and Method 5035A/8260D										Method 6020/6020B		Method 8270E SIM
UST Excavation Sidewall Samples - 2024																		
WALL-NW-4'	10/29/24	4	--	--	<7.29	<0.0146	<0.0729	<0.0365	<0.109	--	--	--	--	--	--	--	--	--
WALL-NE-4'	10/29/24	4	--	--	<7.30	<0.0146	<0.0730	<0.0365	<0.109	--	--	--	--	--	--	--	--	--
WALL-E-4'	10/29/24	4	--	--	<7.70	<0.0154	<0.0770	<0.0385	<0.115	--	--	--	--	--	--	--	--	--
WALL-W-4'	10/29/24	4	--	--	<7.89	<0.0158	<0.0789	<0.0395	<0.118	--	--	--	--	--	--	--	--	--
WALL-SW-4'	10/29/24	4	--	--	<5.71	<0.0114	<0.0571	<0.0286	<0.0857	--	--	--	--	--	--	--	--	--
WALL-SE-4'	10/29/24	4	--	--	<7.49	<0.0150	<0.0749	<0.0375	<0.112	--	--	--	--	--	--	--	--	--
Product Line Samples - 2025																		
PL-NW-2.5'	04/24/25	2.5	--	--	220	<0.0184	<0.0918	0.331	0.179	--	--	--	--	--	--	--	--	--
PL-NE-2.5'	04/24/25	2.5	--	--	1,150	<0.0109	0.0993	0.130	2.70	--	--	--	--	--	--	--	--	--
Dispenser Samples - 2025																		
DISP-NW-3'	04/24/25	3	--	--	38.1	0.0204	<0.102	<0.0510	<0.153	--	--	--	--	--	--	--	--	--
DISP-NE-3'	04/24/25	3	--	--	11.7	<0.0175	<0.0876	0.069	0.325	--	--	--	--	--	--	--	--	--
DISP-SW-3'	04/24/25	3	--	--	<9.10	<0.0182	<0.0910	<0.0455	<0.137	--	--	--	--	--	--	--	--	--
DISP-SE-3'	04/24/25	3	--	--	<9.61	<0.0192	<0.0961	<0.0480	<0.144	--	--	--	--	--	--	--	--	--
Canopy Excavation Samples - 2025																		
CANOPY-NE-2.5'	05/22/25	2.5	--	--	<8.36	<0.0167	<0.0836	0.0443	0.133	--	--	--	--	--	--	--	--	--
CANOPY-NW-2.5'	05/22/25	2.5	--	--	17.3	<0.0154	<0.0768	<0.0384	<0.115	--	--	--	--	--	--	--	--	--
CANOPY-SE-2.5'	05/22/25	2.5	--	--	15.8	0.0715	0.153	0.449	0.444	--	--	--	--	--	--	--	--	--
CANOPY-SW-2.5'	05/22/25	2.5	--	--	1,240	<0.0361	<0.181	6.30	18.30	--	--	--	--	--	--	--	--	--
CANOPY-BASE-4'	05/22/25	4	--	--	74.6	<0.0153	<0.0763	1.130	2.500	--	--	--	--	--	--	--	--	--
CANOPY2-SE-2.5'	06/13/25	2.5	--	--	<6.68	<0.0134	<0.0688	<0.0344	<0.100	--	--	--	--	--	--	--	--	--
CANOPY2-SW-2.5'	06/13/25	2.5	--	--	<6.88	<0.0138	<0.0688	<0.0344	<0.103	--	--	--	--	--	--	--	--	--
CANOPY2-NW-2.5'	06/13/25	2.5	--	--	224	<0.0142	<0.0709	0.0951	<0.106	--	--	--	--	--	--	--	--	--
RBC: Leaching to groundwater ⁽¹⁾			>MAX	>MAX	130	0.10	490	0.90	100	0.54	0.00056	0.013	0.34	(9)	30	**	**	(10)
RBC: Vapor Intrusion into Buildings ⁽⁴⁾			na	na	na	na	na	na	na	na	na	na	na	(9)	nv	nv	nv	(10)
RBC: Volatilization to Outdoor Air ⁽⁵⁾			>MAX	>MAX	69,000	50	>Cstat	160	>Cstat	1,500	0.65	15	83	(9)	nv	nv	nv	(10)
RBC: Direct Contact ⁽⁶⁾			14,000	36,000	20,000	37	88,000	150	25,000	1,100	0.73	16	23	(9)	800	1,100	>MAX	(10)
RBC: Direct Contact, Construction Worker ⁽⁷⁾			4,600	11,000	9,700	380	28,000	1700	20,000	12,000	9	200	580	(9)	800	350	530,000	(10)
RBC: Direct Contact, Excavation Worker ⁽⁸⁾			>Max	>Max	>Max	11,000	77,000	49,000	56,000	320,000	250	5,600	16,000	(9)	800	9,700	>MAX	(10)
Notes:																		
<p>Gray scale = soil removed during excavation</p> <p>BOLD = Detections in BOLD exceeds cleanup level for soil for the leaching to groundwater pathway</p> <p>* Tank numbers & sample labels will not match as the tank numbers were determined when reporting the tanks and the sample IDs are reflective of order tanks were subsequently pulled out.</p> <p>** Leaching to Groundwater RBCs are not provided for inorganic chemicals.</p> <p>(1) = ODEQ RBC for Soil Leaching to Groundwater - occupational receptor scenario (see OQED Table of RBCs for Individual Chemicals Revision: May 2018, revised August 2023)</p> <p>(2) = No other VOCs detected</p> <p>(3) = Other VOCs detected. See Table 2 and refer to laboratory analytical reports</p> <p>(4) = OQED RBC for Vapor Intrusion in Buildings- occupational receptor scenario (see OQED Table of RBCs for Individual Chemicals Revision: May 2018, revised August 2023)</p> <p>(5) = OQED RBC for Volatilization to Outdoor Air - occupational receptor scenario (see OQED Table of RBCs for Individual Chemicals Revision: May 2018, revised August 2023)</p> <p>(6) = OQED RBC for Soil Ingestion, Dermal Contact, and Inhalation - occupational receptor scenario (see OQED Table of RBCs for Individual Chemicals Revision: May 2018, revised August 2023)</p> <p>(7) = OQED RBC for Soil Ingestion, Dermal Contact, and Inhalation - occupational receptor scenario (see OQED Table of RBCs for Individual Chemicals Revision: May 2018, revised August 2023)</p> <p>(8) = OQED RBC for Soil Ingestion, Dermal Contact, and Inhalation - occupational receptor scenario (see OQED Table of RBCs for Individual Chemicals Revision: May 2018, revised August 2023)</p> <p>(9) = see ODEQ Table of RBCs; See Table 2 for other VOCs detected</p> <p>(10) = see ODEQ Table of RBCs; See Table 3 for PAHs detected</p> <p>>Cstat = This soil RBC exceeds the limit of the 3-phase equilibrium partitioning. Refer to "Chem Data" page of the document referenced above for corresponding value of Cstat</p> <p>>Max = the constituent RBC for this pathway is calculated greater than 1,000,000 mg/kg. Therefore, this substance is deemed not to pose risks in this scenario</p> <p>< = not detected at or above the stated laboratory reporting limit (RL)</p> <p>-- = not analyzed</p> <p>SIM = analyzed by SIM (selective ion monitoring)</p> <p>bgs = below ground surface</p> <p>BTEX = benzene, toluene, ethylbenzene, total xylenes</p> <p>DET = Detected by Method NWTPH-HCID (hydrocarbon identification)</p> <p>EDB = 1,2-dibromoethane</p> <p>EDC = 1,2-dichloroethane</p> <p>mg/kg = milligrams per kilogram</p> <p>MTBE = methyl tert-butyl ether</p> <p>na = not applicable; ODEQ no longer screens vapor intrusion risks based on soil data soil results</p> <p>Naph = naphthalene</p> <p>ne = not established on RBC Table</p> <p>nv = This chemical is considered "non volatile" for purposes of the exposure calculations in this document</p> <p>ODEQ = State of Oregon Department of Environmental Quality</p> <p>RBCs = Risk-Based Concentration</p> <p>Pb = lead</p> <p>TPH-Dx = diesel-range petroleum hydrocarbons</p> <p>TPH-Gx = total gasoline-range petroleum hydrocarbons</p> <p>TPH-Ox = oil-range petroleum hydrocarbons (heavy oil)</p> <p>UST = underground storage tank</p> <p>VOCs = volatile organic compounds</p>																		



ATTACHMENT A

PCS Disposal Documentation

**Summary of PCS Disposal Tonnage
Pacific Roads Southtowne
Eugene, Oregon
Page 1 of 1**

Date	Tons
3/18/2025	14.10
	15.01
	14.98
	12.58
6/5/2025	15.15
	13.68
	14.54
	16.40
	15.88
	13.56
	15.89
	16.83
	14.36
	17.00
	15.34
	13.77
	15.38
	15.58
	13.36
	15.85
	13.91
14.90	
12.74	
4.47	
6/9/2025	10.58
	10.63
	11.88
	10.20
	14.44
	13.00
	12.73
	11.38
	12.35
	11.63
	12.01
	11.39
	12.37
	11.84
	12.60
	13.15
	12.23
13.98	
13.63	
15.05	
11.95	
6/10/2025	12.23
	11.65

Total tonnage 628.16
47 loads total

Notes:
See attached Site Trasaction Detail for dates, times and additional details



Parameters:

BillingPeriod =
 WasteSite =
 TransactionDate =
 Day of Week =
 Time of Day =
 TicketNumber =
 FeeType =
 FeeGroupCode =
 AccountNumber =
 PermitNumber = CS004496
 TruckNumber =
 DriverNumber =
 OperatorID =
 Card Number =
 LocationCode =
 UpdateId =
 AccountType =
 IsValid =
 Comment =

**WMD Operations
Site Transaction Detail**

Time	Ticket#	FeeType	Desc	Location	Qty	Unit	Amt	Loads	Account#	Name	Permit#	Card#	Truck	Driver	Op
202503															
02 Short Mt.															
03/18/2025 Tue															
8.42 AM	0062860026	41266	PCSoil TN	Phase 6	14.10	TN		1	077268		CS004496	001			13973
9.36 AM	0062860042	41266	PCSoil TN	Phase 6	15.01	TN		1	077268		CS004496	001			13973
10.24 AM	0062860055	41266	PCSoil TN	Phase 6	14.98	TN		1	077268		CS004496	001			13973
11.13 AM	0062860069	41266	PCSoil TN	Phase 6	12.58	TN		1	077268		CS004496	001			13973
Totals for 03/18/2025								4							
Totals for Site 02								4							
Totals for Period								4							
202504															
99 Accounting Office															
04/30/2025 Wed															
12.00 AM	99063318	93947	Spec Permt Fee		1.00	EA		1	078833	4Cs Environmental Inc	CS004496	001			99
Totals for 04/30/2025								1							

**WMD Operations
Site Transaction Detail**

<u>Time</u>	<u>Ticket#</u>	<u>FeeType</u>	<u>Desc</u>	<u>Location</u>	<u>Qty</u>	<u>Unit</u>	<u>Amt</u>	<u>Loads</u>	<u>Account#</u>	<u>Name</u>	<u>Permit#</u>	<u>Card#</u>	<u>Truck</u>	<u>Driver</u>	<u>Op</u>
Totals for Site		99						1							
Totals for Period								1							
202506															
02 Short Mt.															
06/05/2025 Thu															
7.37 AM	0063650006	41266	PCSoil TN	Phase 6	15.15	TN		1	077268		CS004496	001			14684
7.42 AM	0063650009	41266	PCSoil TN	Phase 6	13.68	TN		1	077268		CS004496	001			14684
8.01 AM	0063650014	41266	PCSoil TN	Phase 6	14.54	TN		1	077268		CS004496	001			14684
8.27 AM	0063650015	41266	PCSoil TN	Phase 6	16.40	TN		1	077268		CS004496	001			14684
8.37 AM	0063650018	41266	PCSoil TN	Phase 6	15.88	TN		1	077268		CS004496	001			14684
8.58 AM	0063650020	41266	PCSoil TN	Phase 6	13.56	TN		1	077268		CS004496	001			14684
9.17 AM	0063650025	41266	PCSoil TN	Phase 6	15.89	TN		1	077268		CS004496	001			14684
9.21 AM	0063650026	41266	PCSoil TN	Phase 6	16.83	TN		1	077268		CS004496	001			14684
9.55 AM	0063650032	41266	PCSoil TN	Phase 6	14.36	TN		1	077268		CS004496	001			14684
10.01 AM	0063650033	41266	PCSoil TN	Phase 6	17.00	TN		1	077268		CS004496	001			14684
10.08 AM	0063650034	41266	PCSoil TN	Phase 6	15.34	TN		1	077268		CS004496	001			14684
10.46 AM	0063650046	41266	PCSoil TN	Phase 6	13.77	TN		1	077268		CS004496	001			14684
10.50 AM	0063650048	41266	PCSoil TN	Phase 6	15.38	TN		1	077268		CS004496	001			14684
10.56 AM	0063650049	41266	PCSoil TN	Phase 6	15.58	TN		1	077268		CS004496	001			14684
11.53 AM	0063650059	41266	PCSoil TN	Phase 6	13.36	TN		1	077268		CS004496	001			14684
12.43 PM	0063650070	41266	PCSoil TN	Phase 6	15.85	TN		1	077268		CS004496	001			14684
12.44 PM	0063650071	41266	PCSoil TN	Phase 6	13.91	TN		1	077268		CS004496	001			14684
1.20 PM	0063650080	41266	PCSoil TN	Phase 6	14.90	TN		1	077268		CS004496	001			14684
1.42 PM	0063650083	41266	PCSoil TN	Phase 6	12.74	TN		1	077268		CS004496	001			14684
1.40 PM	0063650084	41266	PCSoil TN	Phase 6	4.47	TN		1	077268		CS004496	001			14684
Totals for 06/05/2025								20							
06/09/2025 Mon															
7.15 AM	0063690002	41266	PCSoil TN	Phase 6	10.58	TN		1	077268		CS004496	001			13973
7.22 AM	0063690005	41266	PCSoil TN	Phase 6	10.63	TN		1	077268		CS004496	001			13973
8.02 AM	0063690010	41266	PCSoil TN	Phase 6	11.88	TN		1	077268		CS004496	001			13973
8.06 AM	0063690011	41266	PCSoil TN	Phase 6	10.20	TN		1	077268		CS004496	001			13973
8.50 AM	0063690020	41266	PCSoil TN	Phase 6	14.44	TN		1	077268		CS004496	001			13973

**WMD Operations
Site Transaction Detail**

<u>Time</u>	<u>Ticket#</u>	<u>FeeType</u>	<u>Desc</u>	<u>Location</u>	<u>Qty</u>	<u>Unit</u>	<u>Amt</u>	<u>Loads</u>	<u>Account#</u>	<u>Name</u>	<u>Permit#</u>	<u>Card#</u>	<u>Truck</u>	<u>Driver</u>	<u>Op</u>
02 Short Mt.															
06/09/2025 Mon															
9.02 AM	0063690021	41266	PCSoil TN	Phase 6	13.00	TN		1	077268		CS004496	001			13973
9.35 AM	0063690026	41266	PCSoil TN	Phase 6	12.73	TN		1	077268		CS004496	001			13973
9.50 AM	0063690031	41266	PCSoil TN	Phase 6	11.38	TN		1	077268		CS004496	001			13973
10.23 AM	0063690036	41266	PCSoil TN	Phase 6	12.35	TN		1	077268		CS004496	001			13973
10.32 AM	0063690041	41266	PCSoil TN	Phase 6	11.63	TN		1	077268		CS004496	001			13973
11.06 AM	0063690051	41266	PCSoil TN	Phase 6	12.01	TN		1	077268		CS004496	001			13973
11.17 AM	0063690055	41266	PCSoil TN	Phase 6	11.39	TN		1	077268		CS004496	001			13973
11.49 AM	0063690065	41266	PCSoil TN	Phase 6	12.37	TN		1	077268		CS004496	001			13973
11.57 AM	0063690068	41266	PCSoil TN	Phase 6	11.84	TN		1	077268		CS004496	001			13973
12.46 PM	0063690079	41266	PCSoil TN	Phase 6	12.60	TN		1	077268		CS004496	001			13973
12.47 PM	0063690080	41266	PCSoil TN	Phase 6	13.15	TN		1	077268		CS004496	001			13973
1.31 PM	0063690086	41266	PCSoil TN	Phase 6	12.23	TN		1	077268		CS004496	001			13973
1.39 PM	0063690089	41266	PCSoil TN	Phase 6	13.98	TN		1	077268		CS004496	001			13973
2.17 PM	0063690098	41266	PCSoil TN	Phase 6	13.63	TN		1	077268		CS004496	001			13973
2.52 PM	0063690107	41266	PCSoil TN	Phase 6	15.05	TN		1	077268		CS004496	001			13973
3.10 PM	0063690113	41266	PCSoil TN	Phase 6	11.95	TN		1	077268		CS004496	001			13973
Totals for 06/09/2025								21							
06/10/2025 Tue															
8.12 AM	0063700014	41266	PCSoil TN	Phase 6	12.23	TN		1	077268		CS004496	001			13973
9.13 AM	0063700025	41266	PCSoil TN	Phase 6	11.65	TN		1	077268		CS004496	001			13973
Totals for 06/10/2025								2							
Totals for Site 02								43							
Totals for Period								43							
Grand Totals								48							
Ticket Count							48								

ATTACHMENT B

Laboratory Analytical Reports



ANALYTICAL REPORT

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

Thursday, June 12, 2025
Matthew Luczak
BB&A Environmental - Eugene
PO Box 40187
Eugene, OR 97404

RE: A5E1699 - 29th and Willamette - TO08DEC.24UC

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 A5E1699, which was received by the laboratory on 5/23/2025 at 11:43:00AM.

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

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

Cooler Receipt Information		
<u>Acceptable Receipt Temperature is less than, or equal to, 6 degC (not frozen), or received on ice the same day as sampling.</u>		
(See Cooler Receipt Form for details)		
Default Cooler	1.6	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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Darrell Auvil, Client Services Manager



ANALYTICAL REPORT

Apex Laboratories, LLC

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

BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5E1699 - 06 12 25 1134
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ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TO08-CANOPY-NE-2.5'	A5E1699-01	Soil	05/22/25 14:20	05/23/25 11:43
TO08-CANOPY-NW-2.5'	A5E1699-02	Soil	05/22/25 14:25	05/23/25 11:43
TO08-CANOPY-SE-2.5'	A5E1699-03	Soil	05/22/25 14:30	05/23/25 11:43
TO08-CANOPY-SW-2.5'	A5E1699-04	Soil	05/22/25 14:35	05/23/25 11:43
TO08-CANOPY-BASE-4'	A5E1699-05	Soil	05/22/25 14:40	05/23/25 11:43

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ORELAP ID: OR100062

BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5E1699 - 06 12 25 1134
--	--	---

ANALYTICAL SAMPLE RESULTS

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

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
TO08-CANOPY-NE-2.5' (A5E1699-01)				Matrix: Soil		Batch: 25E0866		
Gasoline Range Organics	ND	---	8.36	mg/kg dry	50	05/27/25 16:58	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 109 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>05/27/25 16:58</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>104 %</i>	<i>50-150 %</i>	<i>1</i>	<i>05/27/25 16:58</i>	<i>NWTPH-Gx (MS)</i>	
TO08-CANOPY-NW-2.5' (A5E1699-02)				Matrix: Soil		Batch: 25E0866		
Gasoline Range Organics	17.3	---	7.68	mg/kg dry	50	05/27/25 17:25	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 103 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>05/27/25 17:25</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>100 %</i>	<i>50-150 %</i>	<i>1</i>	<i>05/27/25 17:25</i>	<i>NWTPH-Gx (MS)</i>	
TO08-CANOPY-SE-2.5' (A5E1699-03)				Matrix: Soil		Batch: 25E0866		
Gasoline Range Organics	15.8	---	8.61	mg/kg dry	50	05/27/25 17:53	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 107 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>05/27/25 17:53</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>104 %</i>	<i>50-150 %</i>	<i>1</i>	<i>05/27/25 17:53</i>	<i>NWTPH-Gx (MS)</i>	
TO08-CANOPY-SW-2.5' (A5E1699-04)				Matrix: Soil		Batch: 25E0866		
Gasoline Range Organics	1240	---	18.1	mg/kg dry	100	05/27/25 19:15	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 107 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>05/27/25 19:15</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>99 %</i>	<i>50-150 %</i>	<i>1</i>	<i>05/27/25 19:15</i>	<i>NWTPH-Gx (MS)</i>	
TO08-CANOPY-BASE-4' (A5E1699-05)				Matrix: Soil		Batch: 25E0866		
Gasoline Range Organics	74.6	---	7.63	mg/kg dry	50	05/27/25 18:20	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 109 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>05/27/25 18:20</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>102 %</i>	<i>50-150 %</i>	<i>1</i>	<i>05/27/25 18:20</i>	<i>NWTPH-Gx (MS)</i>	

Apex Laboratories

Darrell Auvil, Client Services Manager

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5E1699 - 06 12 25 1134
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ANALYTICAL SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes	
TO08-CANOPY-NE-2.5' (A5E1699-01)			Matrix: Soil		Batch: 25E0866				
Benzene	ND	---	16.7	ug/kg dry	50	05/27/25 16:58	5035A/8260D		
Toluene	ND	---	83.6	ug/kg dry	50	05/27/25 16:58	5035A/8260D		
Ethylbenzene	44.3	---	41.8	ug/kg dry	50	05/27/25 16:58	5035A/8260D		
Xylenes, total	133	---	125	ug/kg dry	50	05/27/25 16:58	5035A/8260D		
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 107 %</i>		<i>Limits: 80-120 %</i>		<i>1</i>	<i>05/27/25 16:58</i>	<i>5035A/8260D</i>	
<i>Toluene-d8 (Surr)</i>				<i>95 %</i>		<i>80-120 %</i>	<i>1</i>	<i>05/27/25 16:58</i>	<i>5035A/8260D</i>
<i>4-Bromofluorobenzene (Surr)</i>				<i>92 %</i>		<i>79-120 %</i>	<i>1</i>	<i>05/27/25 16:58</i>	<i>5035A/8260D</i>
TO08-CANOPY-NW-2.5' (A5E1699-02)			Matrix: Soil		Batch: 25E0866				
Benzene	ND	---	15.4	ug/kg dry	50	05/27/25 17:25	5035A/8260D		
Toluene	ND	---	76.8	ug/kg dry	50	05/27/25 17:25	5035A/8260D		
Ethylbenzene	ND	---	38.4	ug/kg dry	50	05/27/25 17:25	5035A/8260D		
Xylenes, total	ND	---	115	ug/kg dry	50	05/27/25 17:25	5035A/8260D		
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 103 %</i>		<i>Limits: 80-120 %</i>		<i>1</i>	<i>05/27/25 17:25</i>	<i>5035A/8260D</i>	
<i>Toluene-d8 (Surr)</i>				<i>95 %</i>		<i>80-120 %</i>	<i>1</i>	<i>05/27/25 17:25</i>	<i>5035A/8260D</i>
<i>4-Bromofluorobenzene (Surr)</i>				<i>94 %</i>		<i>79-120 %</i>	<i>1</i>	<i>05/27/25 17:25</i>	<i>5035A/8260D</i>
TO08-CANOPY-SE-2.5' (A5E1699-03)			Matrix: Soil		Batch: 25E0866				
Benzene	71.5	---	17.2	ug/kg dry	50	05/27/25 17:53	5035A/8260D		
Toluene	153	---	86.1	ug/kg dry	50	05/27/25 17:53	5035A/8260D		
Ethylbenzene	449	---	43.1	ug/kg dry	50	05/27/25 17:53	5035A/8260D		
Xylenes, total	444	---	129	ug/kg dry	50	05/27/25 17:53	5035A/8260D		
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 107 %</i>		<i>Limits: 80-120 %</i>		<i>1</i>	<i>05/27/25 17:53</i>	<i>5035A/8260D</i>	
<i>Toluene-d8 (Surr)</i>				<i>95 %</i>		<i>80-120 %</i>	<i>1</i>	<i>05/27/25 17:53</i>	<i>5035A/8260D</i>
<i>4-Bromofluorobenzene (Surr)</i>				<i>93 %</i>		<i>79-120 %</i>	<i>1</i>	<i>05/27/25 17:53</i>	<i>5035A/8260D</i>
TO08-CANOPY-SW-2.5' (A5E1699-04)			Matrix: Soil		Batch: 25E0866				
Benzene	ND	---	36.1	ug/kg dry	100	05/27/25 19:15	5035A/8260D		
Toluene	ND	---	181	ug/kg dry	100	05/27/25 19:15	5035A/8260D		
Ethylbenzene	6300	---	90.3	ug/kg dry	100	05/27/25 19:15	5035A/8260D		
Xylenes, total	18300	---	271	ug/kg dry	100	05/27/25 19:15	5035A/8260D		
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 104 %</i>		<i>Limits: 80-120 %</i>		<i>1</i>	<i>05/27/25 19:15</i>	<i>5035A/8260D</i>	
<i>Toluene-d8 (Surr)</i>				<i>95 %</i>		<i>80-120 %</i>	<i>1</i>	<i>05/27/25 19:15</i>	<i>5035A/8260D</i>
<i>4-Bromofluorobenzene (Surr)</i>				<i>97 %</i>		<i>79-120 %</i>	<i>1</i>	<i>05/27/25 19:15</i>	<i>5035A/8260D</i>

Apex Laboratories

Darrell Auvil, Client Services Manager

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5E1699 - 06 12 25 1134
--	--	---

ANALYTICAL SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes	
TO08-CANOPY-BASE-4' (A5E1699-05)			Matrix: Soil		Batch: 25E0866				
Benzene	ND	---	15.3	ug/kg dry	50	05/27/25 18:20	5035A/8260D		
Toluene	ND	---	76.3	ug/kg dry	50	05/27/25 18:20	5035A/8260D		
Ethylbenzene	1130	---	38.2	ug/kg dry	50	05/27/25 18:20	5035A/8260D		
Xylenes, total	2500	---	114	ug/kg dry	50	05/27/25 18:20	5035A/8260D		
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 104 %</i>		<i>Limits: 80-120 %</i>		<i>1</i>	<i>05/27/25 18:20</i>	<i>5035A/8260D</i>	
<i>Toluene-d8 (Surr)</i>				<i>95 %</i>		<i>80-120 %</i>	<i>1</i>	<i>05/27/25 18:20</i>	<i>5035A/8260D</i>
<i>4-Bromofluorobenzene (Surr)</i>				<i>92 %</i>		<i>79-120 %</i>	<i>1</i>	<i>05/27/25 18:20</i>	<i>5035A/8260D</i>

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503-718-2323
ORELAP ID: OR100062

BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5E1699 - 06 12 25 1134
--	--	---

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
TO08-CANOPY-NE-2.5' (A5E1699-01)				Matrix: Soil		Batch: 25E0924		
% Solids	72.6	---	1.00	%	1	05/29/25 05:23	EPA 8000D	
TO08-CANOPY-NW-2.5' (A5E1699-02)				Matrix: Soil		Batch: 25E0924		
% Solids	72.8	---	1.00	%	1	05/29/25 05:23	EPA 8000D	
TO08-CANOPY-SE-2.5' (A5E1699-03)				Matrix: Soil		Batch: 25E0924		
% Solids	72.8	---	1.00	%	1	05/29/25 05:23	EPA 8000D	
TO08-CANOPY-SW-2.5' (A5E1699-04)				Matrix: Soil		Batch: 25E0924		
% Solids	71.3	---	1.00	%	1	05/29/25 05:23	EPA 8000D	
TO08-CANOPY-BASE-4' (A5E1699-05)				Matrix: Soil		Batch: 25E0924		
% Solids	74.5	---	1.00	%	1	05/29/25 05:23	EPA 8000D	

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ORELAP ID: OR100062

BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5E1699 - 06 12 25 1134
--	--	---

QUALITY CONTROL (QC) SAMPLE RESULTS

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

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25E0866 - EPA 5035A						Soil						
Blank (25E0866-BLK1)		Prepared: 05/27/25 12:00 Analyzed: 05/27/25 16:03										
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	ND	---	5.00	mg/kg wet	50	---	---	---	---	---	---	---
<i>Surr: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery: 107 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						
<i>1,4-Difluorobenzene (Sur)</i>		<i>105 %</i>		<i>50-150 %</i>		<i>"</i>						
LCS (25E0866-BS2)		Prepared: 05/27/25 12:00 Analyzed: 05/27/25 14:41										
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	26.0	---	5.00	mg/kg wet	50	25.0	---	104	80 - 120%	---	---	---
<i>Surr: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery: 101 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						
<i>1,4-Difluorobenzene (Sur)</i>		<i>102 %</i>		<i>50-150 %</i>		<i>"</i>						
Duplicate (25E0866-DUP1)		Prepared: 05/22/25 14:35 Analyzed: 05/27/25 19:42										
<u>QC Source Sample: TO08-CANOPY-SW-2.5' (A5E1699-04)</u>												
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	1220	---	18.1	mg/kg dry	100	---	1240	---	---	1	30%	---
<i>Surr: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery: 101 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						
<i>1,4-Difluorobenzene (Sur)</i>		<i>99 %</i>		<i>50-150 %</i>		<i>"</i>						

Apex Laboratories

Darrell Auvil, Client Services Manager

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5E1699 - 06 12 25 1134
--	--	---

QUALITY CONTROL (QC) SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25E0866 - EPA 5035A						Soil						
Blank (25E0866-BLK1)		Prepared: 05/27/25 12:00 Analyzed: 05/27/25 16:03										
<u>5035A/8260D</u>												
Benzene	ND	---	10.0	ug/kg wet	50	---	---	---	---	---	---	---
Toluene	ND	---	50.0	ug/kg wet	50	---	---	---	---	---	---	---
Ethylbenzene	ND	---	25.0	ug/kg wet	50	---	---	---	---	---	---	---
Xylenes, total	ND	---	75.0	ug/kg wet	50	---	---	---	---	---	---	---
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 106 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>96 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>93 %</i>		<i>79-120 %</i>		<i>"</i>						
LCS (25E0866-BS1)		Prepared: 05/27/25 12:00 Analyzed: 05/27/25 15:09										
<u>5035A/8260D</u>												
Benzene	1080	---	10.0	ug/kg wet	50	1000	---	108	80 - 120%	---	---	---
Toluene	946	---	50.0	ug/kg wet	50	1000	---	95	80 - 120%	---	---	---
Ethylbenzene	979	---	25.0	ug/kg wet	50	1000	---	98	80 - 120%	---	---	---
Xylenes, total	2890	---	75.0	ug/kg wet	50	3000	---	96	80 - 120%	---	---	---
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 106 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>98 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>92 %</i>		<i>79-120 %</i>		<i>"</i>						
Duplicate (25E0866-DUP1)		Prepared: 05/22/25 14:35 Analyzed: 05/27/25 19:42										
<u>QC Source Sample: TO08-CANOPY-SW-2.5' (A5E1699-04)</u>												
<u>5035A/8260D</u>												
Benzene	ND	---	36.1	ug/kg dry	100	---	23.5	---	---	---	***	30%
Toluene	ND	---	181	ug/kg dry	100	---	ND	---	---	---	---	30%
Ethylbenzene	6510	---	90.3	ug/kg dry	100	---	6300	---	---	---	3	30%
Xylenes, total	18900	---	271	ug/kg dry	100	---	18300	---	---	---	3	30%
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 105 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>96 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>97 %</i>		<i>79-120 %</i>		<i>"</i>						

Apex Laboratories

Darrell Auvil, Client Services Manager

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5E1699 - 06 12 25 1134
--	--	---

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 25E0924 - Dry Weight Prep (EPA 8000D)						Soil						
Duplicate (25E0924-DUP2)		Prepared: 05/28/25 10:46 Analyzed: 05/29/25 05:23										
QC Source Sample: TO08-CANOPY-NE-2.5' (A5E1699-01)												
EPA 8000D												
% Solids	77.2	---	1.00	%	1	---	72.6	---	---	6	10%	

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SAMPLE PREPARATION INFORMATION

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

Prep: EPA 5035A					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 25E0866</u>							
A5E1699-01	Soil	NWTPH-Gx (MS)	05/22/25 14:20	05/22/25 14:20	5.31g/5mL	5g/5mL	0.94
A5E1699-02	Soil	NWTPH-Gx (MS)	05/22/25 14:25	05/22/25 14:25	5.91g/5mL	5g/5mL	0.85
A5E1699-03	Soil	NWTPH-Gx (MS)	05/22/25 14:30	05/22/25 14:30	5.09g/5mL	5g/5mL	0.98
A5E1699-04	Soil	NWTPH-Gx (MS)	05/22/25 14:35	05/22/25 14:35	5g/5mL	5g/5mL	1.00
A5E1699-05	Soil	NWTPH-Gx (MS)	05/22/25 14:40	05/22/25 14:40	5.66g/5mL	5g/5mL	0.88

BTEX Compounds by EPA 8260D

Prep: EPA 5035A					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 25E0866</u>							
A5E1699-01	Soil	5035A/8260D	05/22/25 14:20	05/22/25 14:20	5.31g/5mL	5g/5mL	0.94
A5E1699-02	Soil	5035A/8260D	05/22/25 14:25	05/22/25 14:25	5.91g/5mL	5g/5mL	0.85
A5E1699-03	Soil	5035A/8260D	05/22/25 14:30	05/22/25 14:30	5.09g/5mL	5g/5mL	0.98
A5E1699-04	Soil	5035A/8260D	05/22/25 14:35	05/22/25 14:35	5g/5mL	5g/5mL	1.00
A5E1699-05	Soil	5035A/8260D	05/22/25 14:40	05/22/25 14:40	5.66g/5mL	5g/5mL	0.88

Percent Dry Weight

Prep: Dry Weight Prep (EPA 8000D)					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 25E0924</u>							
A5E1699-01	Soil	EPA 8000D	05/22/25 14:20	05/28/25 10:46	1g	1g	1.00
A5E1699-02	Soil	EPA 8000D	05/22/25 14:25	05/28/25 10:46	1g	1g	1.00
A5E1699-03	Soil	EPA 8000D	05/22/25 14:30	05/28/25 10:46	1g	1g	1.00
A5E1699-04	Soil	EPA 8000D	05/22/25 14:35	05/28/25 10:46	1g	1g	1.00
A5E1699-05	Soil	EPA 8000D	05/22/25 14:40	05/28/25 10:46	1g	1g	1.00

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QUALIFIER DEFINITIONS

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

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

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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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BB&A Environmental - Eugene

PO Box 40187
Eugene, OR 97404

Project: **29th and Willamette**

Project Number: **TO08DEC.24UC**

Project Manager: **Matthew Luczak**

Report ID:

A5E1699 - 06 12 25 1134

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.

Benzofluoranthene Isomer Reporting:

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

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<u>BB&A Environmental - Eugene</u> PO Box 40187 Eugene, OR 97404	Project: <u>29th and Willamette</u> Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5E1699 - 06 12 25 1134
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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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Darrell Auvil, Client Services Manager



ANALYTICAL REPORT

Apex Laboratories, LLC

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

Table with 3 columns: Client (BB&A Environmental - Eugene), Project (29th and Willamette), and Report ID (A5E1699 - 06 12 25 1134).

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

Signature of Darrell Auvil

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Darrell Auvil, Client Services Manager



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BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5E1699 - 06 12 25 1134
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APEX LABS

CHAIN OF CUSTODY

Lab # 5001-25E COC 1 OF 1

Project Name: 29th and Willamette

Project # TO08DEC.24UC

Company: BB&A Environmental

Address: 32986 Roberts Court, Eugene, Oregon 97408

Phone: (541) 484-9484 Fax: (541) 484-4188

Email: mhluczak@bbaenv.com

Sampled by: Matthew Luczak

Site Location: OR WA

SAMPLE ID

LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-DX	NWTPH-GX+RTEX	8260 BTEX+N	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs (Full List)	8270 SIM PAHs	8082 PCBs	Chlor. Pest 8081B	RCRA 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)	1200-COLS	1200-Z	Phosph. Pest 8270D(GS/MS)	Chlor. Herb GC/ECD	Total Lead	Total Arsenic	5035 Extract & Hold	
TO08-CANOPIY-NE-2.5'	5/22/2025	14:20	S	3		X																				
TO08-CANOPIY-NW-2.5'	5/22/2025	14:25	S	3		X																				
TO08-CANOPIY-SE-2.5'	5/22/2025	14:30	S	3		X																				
TO08-CANOPIY-SW-2.5'	5/22/2025	14:35	S	3		X																				
TO08-CANOPIY-BASE-4'	5/22/2025	14:40	S	3		X																				

Normal Turn Around Time (TAT) = 5-10 Business Days

SPECIAL INSTRUCTIONS:

TAT Requested (circle) 24 HR 48 HR 72 HR

4 DAY 5 DAY Other: _____

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: <u>[Signature]</u> Date: <u>05-23-2025</u> Printed Name: <u>[Name]</u> Time: <u>11:43</u>	RECEIVED BY: Signature: <u>[Signature]</u> Date: _____ Printed Name: _____ Time: _____
---	---

Company: BB&A Environmental

Apex Laboratories

Darrell Auvil, Client Services Manager

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APEX LABS COOLER RECEIPT FORM

Client: BB&A Environmental Element WO#: A5E1699
 Project/Project #: 29th and Willamette TO08DEC.24UC

Delivery Info:

Date/time received: 5/23/25 @ 1143 By: JS
 Delivered by: Apex Client XESS FedEx UPS Radio Morgan SDS Evergreen Other
 From USDA Regulated Origin? Yes No

Cooler Inspection Date/time inspected: 5/23/25 @ 1147 By: JS
 Chain of Custody included? Yes No
 Signed/dated by client? Yes No
 Contains USDA Reg. Soils? Yes No Unsure (email RegSoils)

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	<u>1.6</u>						
Custody seals? (Y/N)	<u>N</u>						
Received on ice? (Y/N)	<u>Y</u>						
Temp. blanks? (Y/N)	<u>N</u>						
Ice type: (Gel/Real/Other)	<u>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: 5/23/25 @ 1600 By: RA

All samples intact? Yes No Comments: _____

Bottle labels/COCs agree? Yes No Comments: 1/2 MeOH VOCs date reads 5/22/24, for -BASE-4'.

COC/container discrepancies form initiated? Yes No

Containers/volumes received appropriate for analysis? Yes No Comments: 1/2 MeOH VOC has no MeOH. for TO08-CANOPY-SE-2.5'.

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: RA

Witness: [Signature]

Cooler Inspected by: [Signature]

Form Y-003 R-02

Apex Laboratories

[Signature]

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ANALYTICAL REPORT

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

Wednesday, June 25, 2025
Matthew Luczak
BB&A Environmental - Eugene
PO Box 40187
Eugene, OR 97404

RE: A5F1445 - 29th and Willamette - TO08DEC.24UC

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 A5F1445, which was received by the laboratory on 6/17/2025 at 2:30:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: DAuvil@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	5.9	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

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BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5F1445 - 06 25 25 1128
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ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TO08-CANOPY2-SE-2.5'	A5F1445-01	Soil	06/13/25 07:20	06/17/25 14:30
TO08-CANOPY2-SW-2.5'	A5F1445-02	Soil	06/13/25 07:25	06/17/25 14:30
TO08-CANOPY2-NW-2.5'	A5F1445-03	Soil	06/13/25 07:15	06/17/25 14:30

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ANALYTICAL SAMPLE RESULTS

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

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
TO08-CANOPY2-SE-2.5' (A5F1445-01)				Matrix: Soil		Batch: 25F0683		
Gasoline Range Organics	ND	---	6.68	mg/kg dry	50	06/20/25 04:31	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery:</i>	<i>113 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>06/20/25 04:31</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>103 %</i>	<i>50-150 %</i>	<i>1</i>	<i>06/20/25 04:31</i>	<i>NWTPH-Gx (MS)</i>	
TO08-CANOPY2-SW-2.5' (A5F1445-02)				Matrix: Soil		Batch: 25F0683		
Gasoline Range Organics	ND	---	6.88	mg/kg dry	50	06/20/25 04:59	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery:</i>	<i>108 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>06/20/25 04:59</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>102 %</i>	<i>50-150 %</i>	<i>1</i>	<i>06/20/25 04:59</i>	<i>NWTPH-Gx (MS)</i>	
TO08-CANOPY2-NW-2.5' (A5F1445-03)				Matrix: Soil		Batch: 25F0683		
Gasoline Range Organics	224	---	7.09	mg/kg dry	50	06/20/25 05:26	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery:</i>	<i>138 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>06/20/25 05:26</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>105 %</i>	<i>50-150 %</i>	<i>1</i>	<i>06/20/25 05:26</i>	<i>NWTPH-Gx (MS)</i>	

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Darrell Auvil, Client Services Manager



ANALYTICAL REPORT

Apex Laboratories, LLC

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

BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5F1445 - 06 25 25 1128
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ANALYTICAL SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes	
TO08-CANOPY2-SE-2.5' (A5F1445-01)				Matrix: Soil		Batch: 25F0683			
Benzene	ND	---	13.4	ug/kg dry	50	06/20/25 04:31	5035A/8260D		
Toluene	ND	---	66.8	ug/kg dry	50	06/20/25 04:31	5035A/8260D		
Ethylbenzene	ND	---	33.4	ug/kg dry	50	06/20/25 04:31	5035A/8260D		
Xylenes, total	ND	---	100	ug/kg dry	50	06/20/25 04:31	5035A/8260D		
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 97 %</i>		<i>Limits: 80-120 %</i>		<i>1</i>	<i>06/20/25 04:31</i>	<i>5035A/8260D</i>	
<i>Toluene-d8 (Surr)</i>				<i>97 %</i>		<i>80-120 %</i>	<i>1</i>	<i>06/20/25 04:31</i>	<i>5035A/8260D</i>
<i>4-Bromofluorobenzene (Surr)</i>				<i>101 %</i>		<i>79-120 %</i>	<i>1</i>	<i>06/20/25 04:31</i>	<i>5035A/8260D</i>
TO08-CANOPY2-SW-2.5' (A5F1445-02)				Matrix: Soil		Batch: 25F0683			
Benzene	ND	---	13.8	ug/kg dry	50	06/20/25 04:59	5035A/8260D		
Toluene	ND	---	68.8	ug/kg dry	50	06/20/25 04:59	5035A/8260D		
Ethylbenzene	ND	---	34.4	ug/kg dry	50	06/20/25 04:59	5035A/8260D		
Xylenes, total	ND	---	103	ug/kg dry	50	06/20/25 04:59	5035A/8260D		
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 96 %</i>		<i>Limits: 80-120 %</i>		<i>1</i>	<i>06/20/25 04:59</i>	<i>5035A/8260D</i>	
<i>Toluene-d8 (Surr)</i>				<i>98 %</i>		<i>80-120 %</i>	<i>1</i>	<i>06/20/25 04:59</i>	<i>5035A/8260D</i>
<i>4-Bromofluorobenzene (Surr)</i>				<i>102 %</i>		<i>79-120 %</i>	<i>1</i>	<i>06/20/25 04:59</i>	<i>5035A/8260D</i>
TO08-CANOPY2-NW-2.5' (A5F1445-03)				Matrix: Soil		Batch: 25F0683			
Benzene	ND	---	14.2	ug/kg dry	50	06/20/25 05:26	5035A/8260D		
Toluene	ND	---	70.9	ug/kg dry	50	06/20/25 05:26	5035A/8260D		
Ethylbenzene	95.1	---	35.5	ug/kg dry	50	06/20/25 05:26	5035A/8260D		
Xylenes, total	ND	---	106	ug/kg dry	50	06/20/25 05:26	5035A/8260D		
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 96 %</i>		<i>Limits: 80-120 %</i>		<i>1</i>	<i>06/20/25 05:26</i>	<i>5035A/8260D</i>	
<i>Toluene-d8 (Surr)</i>				<i>88 %</i>		<i>80-120 %</i>	<i>1</i>	<i>06/20/25 05:26</i>	<i>5035A/8260D</i>
<i>4-Bromofluorobenzene (Surr)</i>				<i>103 %</i>		<i>79-120 %</i>	<i>1</i>	<i>06/20/25 05:26</i>	<i>5035A/8260D</i>

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Darrell Auvil, Client Services Manager



ANALYTICAL REPORT

Apex Laboratories, LLC

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

BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5F1445 - 06 25 25 1128
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ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
TO08-CANOPY2-SE-2.5' (A5F1445-01)				Matrix: Soil		Batch: 25F0795		
% Solids	76.7	---	1.00	%	1	06/24/25 05:05	EPA 8000D	
TO08-CANOPY2-SW-2.5' (A5F1445-02)				Matrix: Soil		Batch: 25F0795		
% Solids	80.8	---	1.00	%	1	06/24/25 05:05	EPA 8000D	
TO08-CANOPY2-NW-2.5' (A5F1445-03)				Matrix: Soil		Batch: 25F0795		
% Solids	79.6	---	1.00	%	1	06/24/25 05:05	EPA 8000D	

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QUALITY CONTROL (QC) SAMPLE RESULTS

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

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25F0683 - EPA 5035A						Soil						
Blank (25F0683-BLK1)		Prepared: 06/19/25 12:52 Analyzed: 06/20/25 00:52										
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	ND	---	5.00	mg/kg wet	50	---	---	---	---	---	---	
<i>Surr: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery: 102 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						
<i>1,4-Difluorobenzene (Sur)</i>		<i>102 %</i>		<i>50-150 %</i>		"						
LCS (25F0683-BS2)		Prepared: 06/19/25 12:52 Analyzed: 06/20/25 00:25										
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	26.3	---	5.00	mg/kg wet	50	25.0	---	105	80 - 120%	---	---	
<i>Surr: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery: 100 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						
<i>1,4-Difluorobenzene (Sur)</i>		<i>99 %</i>		<i>50-150 %</i>		"						

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

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 ORELAP ID: OR100062

BB&A Environmental - Eugene	Project: 29th and Willamette	
PO Box 40187	Project Number: TO08DEC.24UC	Report ID:
Eugene, OR 97404	Project Manager: Matthew Luczak	A5F1445 - 06 25 25 1128

QUALITY CONTROL (QC) SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25F0683 - EPA 5035A						Soil						
Blank (25F0683-BLK1)		Prepared: 06/19/25 12:52 Analyzed: 06/20/25 00:52										
<u>5035A/8260D</u>												
Benzene	ND	---	10.0	ug/kg wet	50	---	---	---	---	---	---	---
Toluene	ND	---	50.0	ug/kg wet	50	---	---	---	---	---	---	---
Ethylbenzene	ND	---	25.0	ug/kg wet	50	---	---	---	---	---	---	---
Xylenes, total	ND	---	75.0	ug/kg wet	50	---	---	---	---	---	---	---
<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>99 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>102 %</i>		<i>79-120 %</i>		<i>"</i>						
LCS (25F0683-BS1)		Prepared: 06/19/25 12:52 Analyzed: 06/19/25 23:58										
<u>5035A/8260D</u>												
Benzene	1010	---	10.0	ug/kg wet	50	1000	---	101	80 - 120%	---	---	---
Toluene	958	---	50.0	ug/kg wet	50	1000	---	96	80 - 120%	---	---	---
Ethylbenzene	1090	---	25.0	ug/kg wet	50	1000	---	109	80 - 120%	---	---	---
Xylenes, total	3170	---	75.0	ug/kg wet	50	3000	---	106	80 - 120%	---	---	---
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 94 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>98 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>96 %</i>		<i>79-120 %</i>		<i>"</i>						
Matrix Spike (25F0683-MS1)		Prepared: 06/13/25 07:15 Analyzed: 06/20/25 05:53										
<u>QC Source Sample: TO08-CANOPY2-NW-2.5' (A5F1445-03)</u>												
<u>5035A/8260D</u>												
Benzene	1570	---	14.2	ug/kg dry	50	1420	ND	110	77 - 121%	---	---	---
Toluene	1420	---	70.9	ug/kg dry	50	1420	ND	100	77 - 121%	---	---	---
Ethylbenzene	1770	---	35.5	ug/kg dry	50	1420	95.1	118	76 - 122%	---	---	---
Xylenes, total	5230	---	106	ug/kg dry	50	4260	96.5	121	78 - 124%	---	---	---
<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>95 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>106 %</i>		<i>79-120 %</i>		<i>"</i>						

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Darrell Auvil, Client Services Manager



ANALYTICAL REPORT

Apex Laboratories, LLC

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BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5F1445 - 06 25 25 1128
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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 25F0795 - Dry Weight Prep (EPA 8000D)						Soil						
Duplicate (25F0795-DUP1)		Prepared: 06/23/25 12:36 Analyzed: 06/24/25 05:05										
QC Source Sample: TO08-CANOPY2-SE-2.5' (A5F1445-01)												
EPA 8000D												
% Solids	74.9	---	1.00	%	1	---	76.7	---	---	2	10%	

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SAMPLE PREPARATION INFORMATION

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

Prep: EPA 5035A					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 25F0683</u>							
A5F1445-01	Soil	NWTPH-Gx (MS)	06/13/25 07:20	06/13/25 07:20	6.32g/5mL	5g/5mL	0.79
A5F1445-02	Soil	NWTPH-Gx (MS)	06/13/25 07:25	06/13/25 07:25	5.44g/5mL	5g/5mL	0.92
A5F1445-03	Soil	NWTPH-Gx (MS)	06/13/25 07:15	06/13/25 07:15	5.4g/5mL	5g/5mL	0.93

BTEX Compounds by EPA 8260D

Prep: EPA 5035A					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 25F0683</u>							
A5F1445-01	Soil	5035A/8260D	06/13/25 07:20	06/13/25 07:20	6.32g/5mL	5g/5mL	0.79
A5F1445-02	Soil	5035A/8260D	06/13/25 07:25	06/13/25 07:25	5.44g/5mL	5g/5mL	0.92
A5F1445-03	Soil	5035A/8260D	06/13/25 07:15	06/13/25 07:15	5.4g/5mL	5g/5mL	0.93

Percent Dry Weight

Prep: Dry Weight Prep (EPA 8000D)					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 25F0795</u>							
A5F1445-01	Soil	EPA 8000D	06/13/25 07:20	06/23/25 12:36	1g	1g	1.00
A5F1445-02	Soil	EPA 8000D	06/13/25 07:25	06/23/25 12:36	1g	1g	1.00
A5F1445-03	Soil	EPA 8000D	06/13/25 07:15	06/23/25 12:36	1g	1g	1.00

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QUALIFIER DEFINITIONS

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

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

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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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PO Box 40187
Eugene, OR 97404

Project: **29th and Willamette**

Project Number: **TO08DEC.24UC**

Project Manager: **Matthew Luczak**

Report ID:

A5F1445 - 06 25 25 1128

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.

Benzofluoranthene Isomer Reporting:

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

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Decanted Samples:

Soils/Sediments:

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

Water Samples:

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

Volatiles Soils (5035s)

Samples that are field preserved by 5035 for volatiles are dry weight corrected using the same dry weight 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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ANALYTICAL REPORT

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

Table with 3 columns: Client (BB&A Environmental - Eugene), Project (29th and Willamette), and Report ID (A5F1445 - 06 25 25 1128).

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

Signature of Darrell Auvil

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.

Darrell Auvil, Client Services Manager



ANALYTICAL REPORT

Apex Laboratories, LLC

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

BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5F1445 - 06 25 25 1128
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APEX LABS

CHAIN OF CUSTODY

6700 SW Sandburg Street, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

Company: BB&A Environmental
Address: 32986 Roberts Court, Eugene, Oregon 97408
Sampled by: Matthew Luczak

Lab # 5004-25E COC 1 OF 1

A5F1445

Project Name: 29th and Willamette
Project # TO08DEC.24UC
Project Mgr: Matthew Luczak
Email: mluczak@bbaenv.com
Phone: (541) 484-9484 Fax: (541) 484-4188

ANALYSIS REQUEST

LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	Priority Metals (13)	RCRA Metals (8)	Chlor. Pest 8081B	Chlor. Pest 8081B	8260 BTEX+N	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs (Full List)	8270 SIM PAHs	8082 PCBs	Phosph. Pest 8270D(GS/MS)	Chlor. Herb G/C/ECD	Total Lead	Total Arsenic	5035 Extract & Hold	
TO08-CANOPY2-SE-2.5'	6/13/2025	720	S	3	X															
TO08-CANOPY2-SW-2.5'	6/13/2025	725	S	3	X															
TO08-CANOPY2-NW-2.5'	6/13/2025	715	S	3	X															

Normal Turn Around Time (TAT) = 5-10 Business Days

TAT Requested (circle): **24 HR** 48 HR 72 HR 4 DAY 5 DAY Other: _____

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: <i>[Signature]</i> Date: 6/16/25 Printed Name: Matthew Luczak	RECEIVED BY: Signature: <i>[Signature]</i> Date: 6/17/25 Printed Name: <i>[Signature]</i> Time: 1200 Company: BB&A Environmental
---	---

Apex Laboratories

Darrell Auvil, Client Services Manager

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5F1445 - 06 25 25 1128
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APEX LABS COOLER RECEIPT FORM

Client: BB&A Element WO#: A5F1445

Project/Project #: 24th and Willamette / TO08DEC.24UC

Delivery Info:

Date/time received: 6/17/25 @ 1430 By: VMS

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

From USDA Regulated Origin? Yes No

Cooler Inspection Date/time inspected: 6/17/25 @ 1430 By: VMS

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>5.9</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: 6/18/25 @ 15:55 By: RAM

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: _____

8820 7056 1232

Labeled by: RAM

Witness: VMS

Cooler Inspected by: VMS

Form Y-003 R-02

Apex Laboratories

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

Darrell Auvil, Client Services Manager

ATTACHMENT C

Initial 20-day Report Form



State of Oregon Department of Environmental Quality
Initial Twenty Day Report Form
 Leaking Underground Storage Tank Program

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

DEQ Project No. DEQ Lust Project No. 20-25-0402
 DEQ Facility ID No. 766
 Project Name: Pacific Roads Southtowne (Tyco Station)
 Project Address: 2910 Willamette St, Eugene, Oregon

Initial Cleanup Information

1. Type of contamination (check all that apply):
 Gasoline Diesel Waste Oil Heating Oil
 Other (specify) _____
2. Estimate quantity of release (based on information known to date, select only one):
 <100 gal. 100-499 gal. 500-999 gal. 1,000-5,000 gal. >5,000 gal.

Site Information (check yes or no)

3. Y N Did any water enter the excavation? If yes, please describe and identify the depth to groundwater in feet below ground surface: 4-feet below ground surface (bgs)
4. Y N Was a sheen or odor observed on any water in the excavation?

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

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

5. Y N Was water pumped from the excavation?
 Y N If yes, did groundwater recharge within 24 hours after pumping?

Please describe the pumping procedure and disposal option selected for the purged excavation water:

Water was pumped from a hose inserted in the observation well nw of the tank pit and into a 21k-gallon water storage tank for carbontreatment and then discharged to the sewer.

6. Y N Were any water samples collected from the excavation? If yes, please describe.
Prior to carbon treatment a pit water sample with a detected TPH-Gx concentration of 631 micrograms per liter (µg/L).
7. Y N Have any soil and/or water sample results been received at this time? **If so, please attach any lab reports.**

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

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

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

non-use industrial agricultural drinking supply

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

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

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

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

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

bottled water is the only alternative

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

able to connect to existing water supply

do not know what alternatives would be available

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

A. Are you monitoring and/or mitigating any potential fire and safety hazards posed by vapors and free product? Explain: Unknown at this time until further investigation of the impacted groundwater and soil plume and nearby structures.

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

1-2 people

3-10 people

>10 people

12. Y N Are vapors or is petroleum contamination present in the utility corridors?

If yes, please explain:

Not determined at this time.

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

Amazon community park, located 0.21 mile away

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

Area Site Conditions

15. Mean annual rainfall: <20 inches 20-45 inches >45 inches
16. Soil type(s) of the naturally occurring soils, not the backfill around the tank, select only one:
- clays, compact tills, shales, and unfractured metamorphic and igneous rocks
- sandy loams, loamy sands, silty clays, clay loams, moderately permeable limestone, dolomite, sandstones, moderately fractured igneous and metamorphic rock
- fine and silty sands, sands and gravels, highly fractured igneous and metamorphic rock, permeable basalts and lavas, karst limestones and dolomites

Soil Management

17. If soil sample results have been received:
 Y N Will the level of contamination detected require removal of contaminated soil for treatment or disposal?
18. All contaminated soil temporarily stockpiled on-site prior to treatment or disposal must be contained within a bermed area, kept covered, and the entire area secured to prevent unauthorized access by the public. If you haven't done this, please explain why:

No contaminated or impacted soils were staged at the surface for disposal.

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

19. If contaminated soil is currently stockpiled on-site, please indicate when disposal will occur or when treatment will begin: **Not applicable**
20. Estimated volume of contaminated soil (specify tons or cubic yards): **Unknown at this time.**
21. Intended disposition of soils (select only one):
- On-site/off-site treatment, Solid Waste Letter Authorization Permit Application attached.
- Thermal treatment off-site at an authorized facility.
Facility name: _____
- Landfill disposal.
Landfill name: _____

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

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

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

- 1) Soil aeration, bioremediation (on-site or off-site), or on-site thermal treatment.
- 2) Water discharges to a stream/storm drain from the excavation or treatment tank.

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

This report was prepared by:

Individual: Charles McFadden Date: 7/24/25
Company: Montrose Environmental Phone: 714-919-6500
Address: 1631 E. Saint Andrew Place
City: Santa Ana State: Ca Zip: 92705

1. Return this form to the regional office in which the site is located or by emailing info.lust@deq.oregon.gov.
2. For all tanks, **except heating oil tanks**, you must submit an [UST Decommissioning Checklist and Site Assessment Report](#) to the appropriate regional office **within 30 days** of the UST decommissioning. Failure to do so can result in delays to your project and may result in continued billing for the annual tank permit fees.
3. Copies of the LUST Cleanup Manual and other guidance can be viewed and downloaded from the [Leaking Underground Storage Tank Cleanup Guidance](#) web page.
4. For Program assistance Contact the [DEQ regional office](#).

Translation or other formats

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

Non-discrimination statement

DEQ does not discriminate on the basis of race, color, national origin, disability, age or sex in administration of its programs or activities. Visit DEQ's [Civil Rights and Environmental Justice page](#).

ATTACHMENT

**UST Decommissioning Checklist and Site Assessment Report
with Laboratory Analytical Reports**



OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND STORAGE TANK PROGRAM

**UNDERGROUND STORAGE TANK DECOMMISSIONING
CHECKLIST AND SITE ASSESSMENT REPORT**

A. FACILITY INFORMATION:

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

DEQ FACILITY NUMBER:	766		
FACILITY NAME:	Union Pacific #2212		
FACILITY ADDRESS:	2910 Willamette Street Eugene, Oregon 97405		
PERMITTEE PHONE:	541-687-0076 x1719	DATE:	7/7/2025

B. WORK PERFORMED BY:

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

DEQ Service Provider's License #:	10974	Construction Contractors Board License #:	76509
Name:	Bergeson-Boese & Associates, Inc.		
Telephone:	541-484-9484		
DEQ Decommissioning Supervisor's License #:	27501		
Name:	Matthew Luczak		
Telephone:	541-484-9484		
DEQ Soil Matrix Service Provider's License #:		(If applicable)	
Name:			
Telephone:			
DEQ Soil Matrix Supervisor's License #:		(If applicable)	
Name:			
Telephone:			

F. DISPOSAL INFORMATION:

TANK ID #	TANK AND PIPING DISPOSAL METHOD				DISPOSAL LOCATION OF TANK CONTENTS	
	SCRAP	LAND-FILL	OTHER	IDENTIFY LOCATION & PROPERTY OWNER	LIQUIDS	SLUDGES
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lane County Solid Waste	Oil Re-Refining Company	
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Same as Above	Portland, Oregon	
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Same as Above	Same As Above	
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Same as Above	Same as Above	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			

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

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

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

G. CONTAMINATION INFORMATION:

TANK ID #	GROUND WATER IN PIT ?	PRODUCT ODOR IN SOIL ?	PRODUCT STAINS IN SOIL ?	NUMBER OF SAMPLES	LABORATORY (NAME, CITY, STATE, PHONE)
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12	Apex Laboratories
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		6700 SW Sandburg Street Tigard, Oregon
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		503-718-2323
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

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

NOTE 2: If contamination is detected, DEQ requires you notify both the UST Program and Clean Up Program within 24 hours of observed contamination and/or analytical results. You must submit a [20 Day Report Form for UST Cleanup Projects](#) to the Cleanup Program and attach a copy of the form to this checklist.

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

See Attached Narrative

I. SAFETY EQUIPMENT ON JOB SITE:

Fire Extinguisher:	Type/Size: <u>Type ABC/2-lb</u>	Recharge Date: <u></u>
Combustible Gas Detector:	Model: <u>RKI Instruments GX-2012</u>	Calibration Date: <u>10/21/2024</u>
Oxygen Analyzer:	Model: <u>RKI Instruments GX-2012</u>	Calibration Date: <u>10/21/2024</u>

J. DECOMMISSIONING:

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

K. TANK ABANDONMENT IN-PLACE:

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

L. TANK REMOVAL:

All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)	YES	NO	UNKNOWN	N/A
19. Tank placement area cleared, chocks placed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Purged or ventilated tank to prevent explosion? Method used: <u>Ventilation</u> Meter reading: <u>0.0% LEL in all tanks</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Were chains or steel cables wrapped around tank for removal?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Tank removed, set on ground, blocked to prevent movement?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23. Tank set on truck and secured with straps(s)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24. Tank labeled before leaving site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

M. SITE ASSESSMENT:

All Tanks: N/A = Not Applicable (Check (√) Appropriate Box)	YES	NO	UNKNOWN	N/A
25. Site assessed for contamination? See OAR 340-122-0340	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26. Soil samples taken and analyzed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27. Was contamination found? Date/Time: <u>5/14/2025</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28. Was hazardous waste determination made for tank contents (Liquids/sludges)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

N. REQUIRED SIGNATURES:

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

Permittee or Tank Owner: PATRICK HAMMILL
(Please Print)

Permittee or Tank Owner: [Signature] Date: JULY 2, 2025
(Signature)

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

Licensed Supervisor: Matthew Luczak
(Please Print)

Licensed Supervisor: [Signature] Date: 7/7/2025
(Signature)

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

Executive Officer: Randall J. Boese, RG/LHG
Licensed Service Provider (Please Print)

Executive Officer: [Signature] Date: 7/7/2025
Licensed Service Provider (Signature)

O. REPORT FILING:

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

P. HELP WITH THIS REPORT:

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

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

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

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

<https://www.oregon.gov/deq/tanks/Pages/UST-Forms.aspx>

<p>NORTHWEST REGION 700 NE MULTNOMAH ST. PORTLAND, OR 97232 Phone: 503-229-5263 Fax: 503-229-6945</p>	<p>WESTERN REGION / EUGENE 165 EAST 7TH AVE., SUITE 100 EUGENE, OR 97401 Phone: 541-686-7838 Fax: 541-686-7551</p>	<p>WESTERN REGION / MEDFORD 221 STEWART AVE., SUITE 201 MEDFORD, OR 97501 Phone: 541-776-6010 Fax: 541-776-6262</p>
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UST DECOMMISSIONING NARRATIVE

PROJECT LOCATION

United Pacific #2212 (DEQ UST Facility #766)
2910 Willamette Street
Eugene, Oregon 97405

Bergeson-Boese & Associates, Inc. (dba BB&A Environmental [BB&A]) was contacted to oversee the decommissioning of four (4) underground storage tanks (UST) by removal at the above referenced site (see **Attachment A, Figure 1, 2, and 3** for the Site Vicinity Map, Site Aerial, and Site Plan). Information gathered on the USTs from the Oregon Department of Environmental Quality (DEQ) UST database is shown below.

<u>Tank ID #</u>	<u>UST Permit #</u>	<u>Tank Size (Gallons)</u>	<u>Product</u>	<u>Material</u>
1	AHAHF	10,000	Gasoline	Double-Walled Fiberglass
2	AHAHG	10,000	Gasoline	Double-Walled Fiberglass
3	AHAHH	10,000	Gasoline	Double-Walled Fiberglass
4	AHAHJ	10,000	Gasoline	Double-Walled Fiberglass

DECOMMISSIONING

Between October 21-30, 2024, BB&A was onsite as the licensed UST decommissioning supervisor to oversee the decommissioning (by removal) of the four (4) USTs by Greg Payne Construction. The USTs were buried approximately two (2) feet below land surface (BLS) and were all located within the same UST pit. The product piping had been previously flushed into the tanks and as much fuel as possible pumped from the tanks. Upon arrival, each UST contained approximately one (1) to three (3) inches of residual fuel and water. Prior to commencing decommissioning, depth to groundwater measurements were collected from the four (4) observation wells located outside each corner of the tank pit. Depth to groundwater was measured at approximately four (4) feet BLS; therefore, dewatering during excavation was determined to be necessary.

The concrete above the USTs was cut to allow for excavation and removal of pea gravel to expose the top of the USTs for pumping and cleaning. As expected, groundwater was encountered at approximately four (4) feet BLS in the tank pit. For dewatering, water was pumped from a hose inserted in the observation well northwest of the tank pit and into an approximately 21,000-gallon water storage tank. A sample of the pit water was collected, delivered to Apex Laboratory in Tigard, Oregon, and analyzed for gasoline-range total petroleum hydrocarbons (TPH) by Northwest Method NWTPH-Gx and benzene, toluene, ethylbenzene and xylene (BTEX) compounds by Environmental Protection Agency (EPA) Method 8260 (see **Attachment B** for laboratory analytical report and chain-of-custody document).

Concentrations of gasoline-range TPH (631 micrograms per liter [$\mu\text{g/L}$], or parts per billion [ppb]), benzene (33.6 ppb) and xylenes (1.94 ppb) were detected and toluene and ethylbenzene were not detected above their respective laboratory reporting limits (RLs). Based on the detection concentrations of contaminants in the pit water sample, the City of Eugene (City) required treatment of the pit water prior to discharging to the City sanitary system. A Chitosan Passive Treatment Sock was installed in the hose to flocculate suspended solids from the water, and water in the storage tank was recirculated through two (2) 10-micron bag filters and approximately 2,000 pounds of activated carbon. Prior to discharge, a sample was collected of the water in the storage tank, and concentrations of gasoline-range TPH and BTEX compounds were not detected above their respective laboratory RLs. Groundwater was pumped down to, and maintained at, approximately nine (9) feet BLS. Over the course of the UST decommissioning, approximately 42,000 gallons of water was pumped from the tank pit, treated, and discharged to the City sanitary system.

The residual liquids were pumped from each UST and the inside was cleaned with a pressure washer. Approximately 800 gallons of product and water was recovered during pumping and cleaning activities. Liquids from the tanks were pumped out by Oil Re-Refining Company (ORRCO) and taken to their facility in Portland, Oregon for recycling (see **Attachment C** for recycling receipt). After the USTs were cleaned, each UST was vented utilizing a Venturi Blower. BB&A checked the atmosphere inside each tank with an explosimeter, and after inspection by the Eugene Fire Marshal, the USTs were determined to be inert and safe for removal. Upon removing the pea gravel from around the USTs down to approximately eight (8) feet BLS, the straps were cut, and the tanks became buoyant. Each tank was removed from the excavation, set on the ground, blocked to prevent movement, and labeled prior to disposal at Lane County Solid Waste (see **Attachment C** for disposal information). The tank pit was backfilled with pea gravel and crushed rock as necessary.

On April 24, 2025, BB&A was onsite to oversee the decommissioning by removal of the product lines and dispenser islands by Greg Payne Construction. After the dispensers and concrete dispenser islands were removed, soils above the product lines were excavated prior to removal of the product lines. Photographs taken during the decommissioning are included in the photo log as **Attachment D**.

SOIL SAMPLING

Soil sampling activities were performed in accordance with Oregon Administrative Rules (OAR) 340-122-0340. In the UST pit, groundwater was encountered at approximately four (4) feet BLS. Soil samples were collected from native soils at approximately four (4) feet BLS (i.e., the approximate soil/water interface) in the northeast, northwest, east, southeast, southwest, and west walls of the excavation from approximately four (4) feet BLS. At the product lines and dispensers, one (1) soil sample was collected from native soils beneath each former dispenser at approximately three (3) feet BLS, and two (2) soil samples were collected from native soils at approximately 2.5 feet BLS beneath the northeast and northwest portions of the product lines.

All soil samples were collected using EPA sampling method 5035, plus collection of a four (4) oz soil jar to capacity, delivered to Apex Laboratory in Tigard, Oregon, and analyzed for gasoline-range TPH by Northwest Method NWTPH-Gx and BTEX compounds by EPA Method 8260 (see **Attachment B** for laboratory analytical report and chain-of-custody document).

In the samples collected from the walls of the tank pit, concentrations of gasoline-range TPH and BTEX compounds were not detected above their respective laboratory RLs in any of the samples.

In the samples collected beneath the dispensers and product lines, detected concentrations of gasoline-range TPH included 11.7 milligrams per kilogram (mg/kg) or parts per million (ppm) in DISP-NE-3', 38.1 ppm in DISP-NW-3', 1,150 ppm in PL-NE-2.5', and 200 ppm in PL-NW-2.5'. Gasoline-range TPH was not detected in the remaining samples above their respective laboratory RLs.

Concentrations of benzene were only detected in soil sample DISP-NW-3' (0.0204 ppm) above laboratory RLs, and toluene was only detected in soil sample PL-NE-2.5' (0.0993 ppm) above laboratory RLs. Concentrations of ethylbenzene were detected in soil samples DISP-NE-3' (0.069 ppm), PL-NE-2.5' (0.130 ppm), and PL-NW-2.5' (0.331 ppm) and were not detected in the remaining samples above their respective laboratory RLs. Concentrations of xylenes were detected in soil samples DISP-NE-3' (0.325 ppm), PL-NE-2.5' (2.70 ppm), and PL-NW-2.5' (0.179 ppm) and were not detected in the remaining samples above their respective laboratory RLs.

Soil sample analytical results are summarized on **Table 1** and on **Attachment A, Figure 4**.

Based on the detections of gasoline-range TPH and BTEX compounds, BB&A reported a release to Oregon DEQ who subsequently assigned Leaking Underground Storage Tank (LUST) #20-25-0402 to the *subject property*.

Table 1 - Soil Sample Analytical Results

Union Pacific #2212 - 2910 Willamette St Eugene, OR

All concentrations in parts per million (ppm) or milligrams per kilogram (mg/kg)

ft: feet

BLS: Below Land Surface

TPH: Total Petroleum Hydrocarbons

>Max: The constituent RBC for this pathway is greater than 1,000,000 mg/kg

ND (<0.2): Indicates contaminant not detected above laboratory reporting limit identified in parentheses, where shown

Bolded concentrations indicate a value exceeding the laboratory reporting limit

Yellow highlighted concentrations indicate a value exceeding one or more RBCs

Soil Sample Identification	Sample Collection Date	Gasoline-Range TPH	Volatile Organic Compounds (VOCs)			
			Benzene	Toluene	Ethylbenzene	Xylenes
WALL-NW-4'	10/29/2024	ND (<7.29)	ND (<0.0146)	ND (<0.0729)	ND (<0.0365)	ND (<0.109)
WALL-NE-4'	10/29/2024	ND (<7.30)	ND (<0.0146)	ND (<0.0730)	ND (<0.0365)	ND (<0.109)
WALL-E-4'	10/29/2024	ND (<7.70)	ND (<0.0154)	ND (<0.0770)	ND (<0.0385)	ND (<0.115)
WALL-SE-4'	10/29/2024	ND (<7.49)	ND (<0.0150)	ND (<0.0749)	ND (<0.0375)	ND (<0.112)
WALL-SW-4'	10/29/2024	ND (<5.71)	ND (<0.0114)	ND (<0.0571)	ND (<0.0286)	ND (<0.0857)
WALL-W-4'	10/29/2024	ND (<7.89)	ND (<0.0158)	ND (<0.0789)	ND (<0.0395)	ND (<0.118)
DISP-NE-3'	4/24/2025	11.7	ND (<0.0175)	ND (<0.0876)	0.069	0.325
DISP-SE-3'	4/24/2025	ND (<9.61)	ND (<0.0192)	ND (<0.0961)	ND (<0.0480)	ND (<0.144)
DISP-NW-3'	4/24/2025	38.1	0.0204	ND (<0.102)	ND (<0.0510)	ND (<0.153)
DISP-SW-3'	4/24/2025	ND (<9.10)	ND (<0.0182)	ND (<0.0910)	ND (<0.0455)	ND (<0.137)
PL-NE-2.5'	4/24/2025	1,150	ND (<0.0109)	0.0993	0.130	2.70
PL-NW-2.5'	4/24/2025	220	ND (<0.0184)	ND (<0.0918)	0.331	0.179
Oregon DEQ's Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites (Updated June 2023)						
Soil Ingestion, Dermal Contact & Inhalation	Occupational	20,000	37	>Csat	150	>Csat
	Construction Worker	9,700	380	>Csat	>Csat	>Csat
	Excavation Worker	>Max	>Csat	>Csat	>Csat	>Csat
Volatilization to Outdoor Air	Occupational	69,000	50	>Csat	160	>Csat
Leaching to Groundwater	Occupational	130	0.10	490	0.90	100

Should you have any questions regarding the information presented in this narrative, please feel free to contact me at (541) 484-9484 or mluczak@bbaenv.com.

Sincerely,

BB&A Environmental

A handwritten signature in black ink, appearing to read "Matthew Luczak". The signature is written in a cursive, flowing style.

Matthew Luczak
Associate Geologist / Project Manager

Attachments

Attachment A – Site Maps

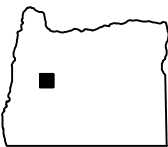
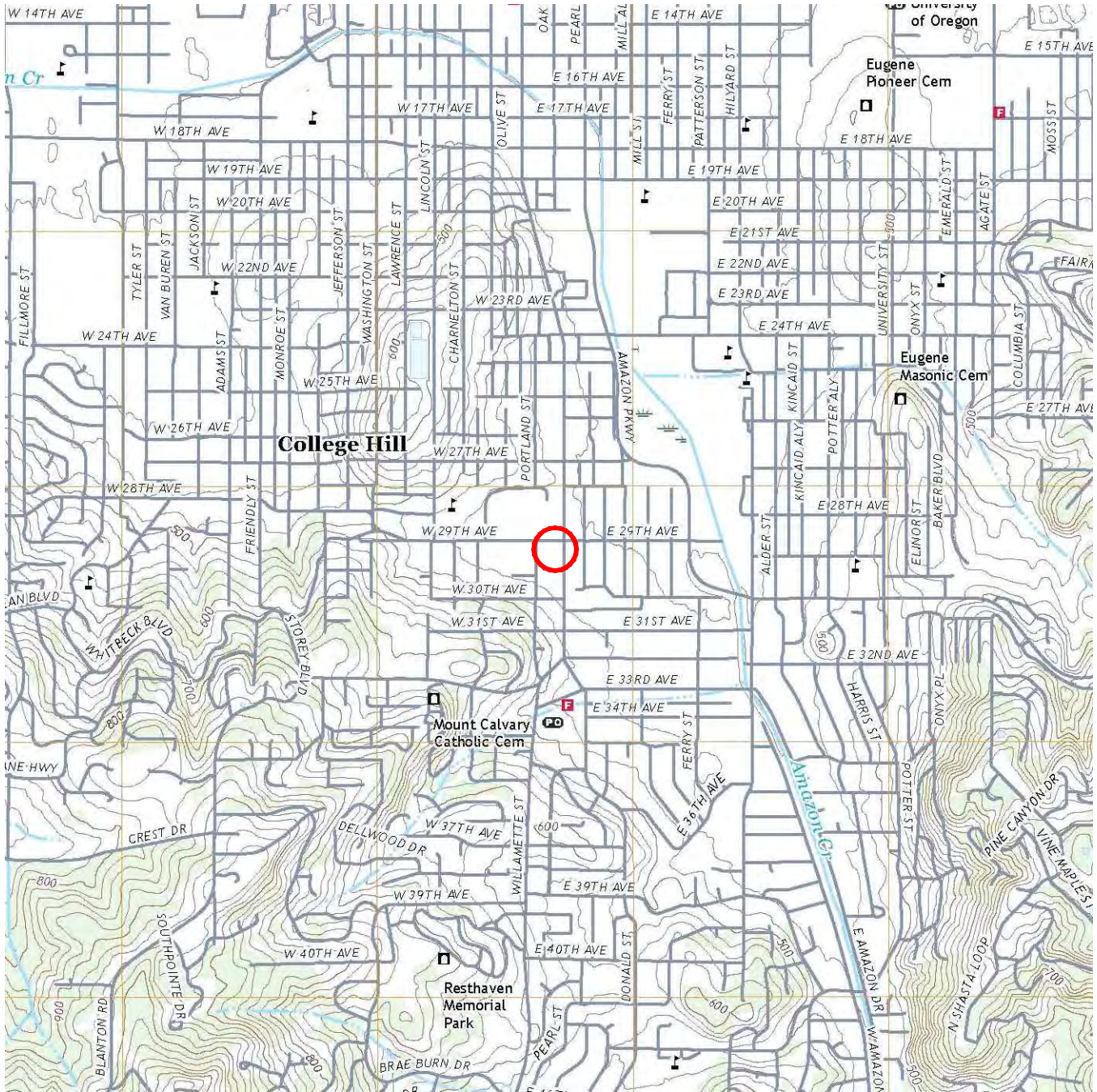
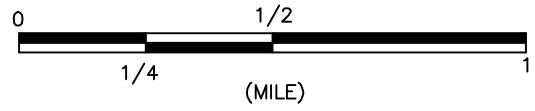
Attachment B – Receipts

Attachment C – Laboratory Analytical Reports and Chain-of-Custody Documents

Attachment D – Photo Log

ATTACHMENT A

Site Maps



OREGON



SITE LOCATION

FIGURE 1

SITE VICINITY MAP

COMMERCIAL PROPERTY, 2910 WILLAMETTE STREET, EUGENE, OREGON



EUGENE OFFICE
32986 Roberts Ct.
Coburg, OR
ph: 541.484.9484

PORTLAND OFFICE
25195 SW Parkway Ave., #207
Wilsonville, OR
ph: 503.570.9484

Job Code: T008DEC.24UC
CADD File: T008DEC.24UC
Scale: AS SHOWN
Drawn: KATHRYN DAVIS DESIGNS
Checked: MATTHEW LUCZAK
Date: 09/19/24

SOURCE: USGS TOPOGRAPHIC QUADRANGLE
SERIES: 7.5 MINUTES, EUGENE EAST, OR

www.BBAENV.COM

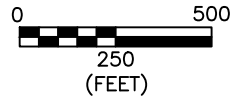


PHOTO SOURCE: GOOGLE EARTH, October 16, 2022.

 SUBJECT PROPERTY



EUGENE OFFICE
32986 Roberts Ct.
Coburg, OR
ph: 541.484.9484

PORTLAND OFFICE
25195 SW Parkway Ave.,#207
Wilsonville, OR
ph: 503.570.9484

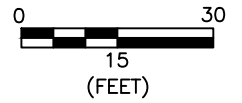
www.BBAENV.COM

SITE AERIAL
COMMERCIAL PROPERTY
2910 WILLAMETTE STREET, EUGENE, OREGON

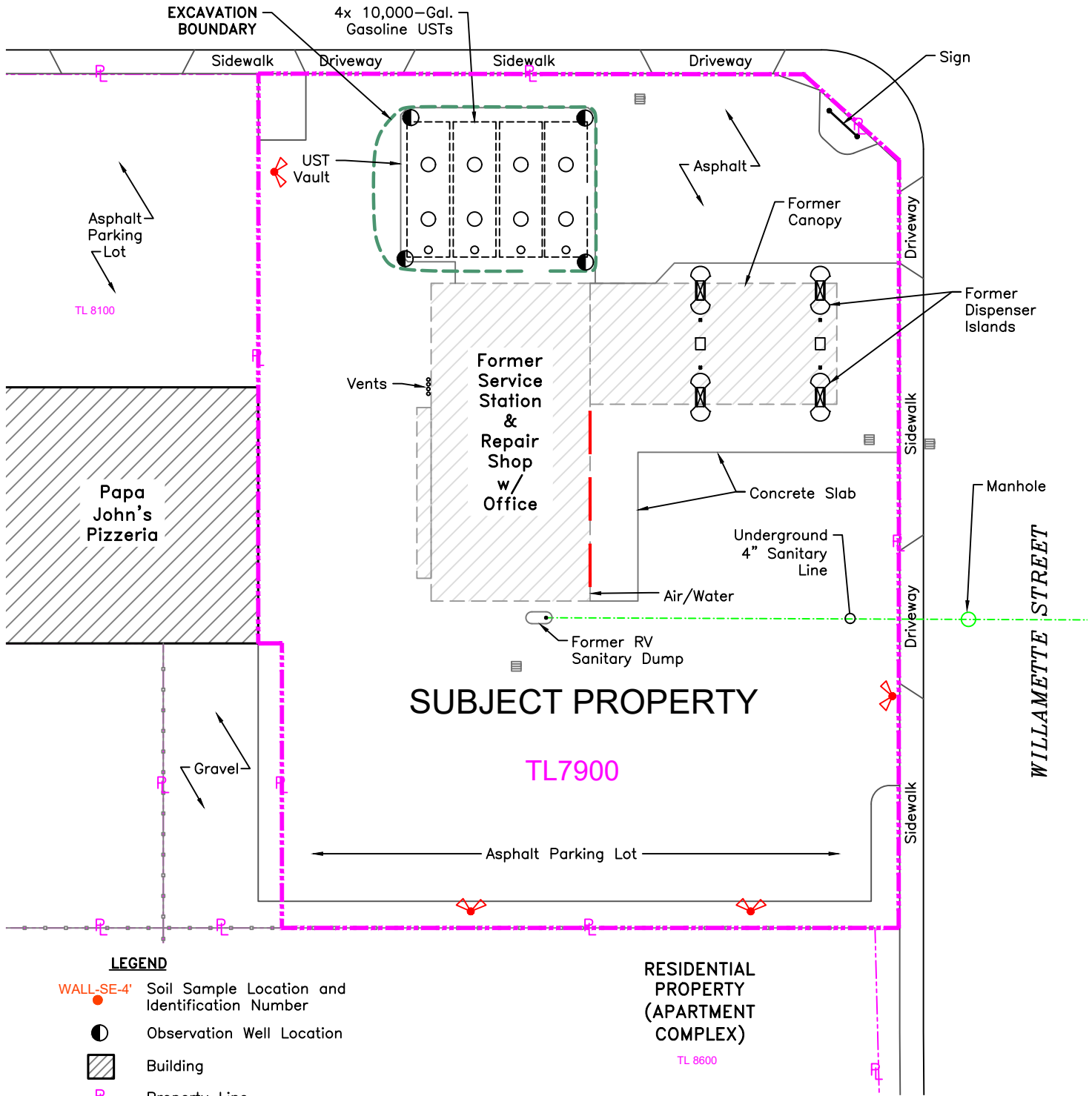
FIGURE #:

2

PROJECT CODE: T008DEC.24UC	DATE: 09/19/24	SCALE: AS SHOWN	DRAWN: K.D.DESIGNS	CHECKED: MATTHEW LUCZAK
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W. 29th AVENUE



LEGEND

- WALL-SE-4' Soil Sample Location and Identification Number
- Observation Well Location
- ▨ Building
- P— Property Line
- Tax Lot Number
- ☒ Catch Basin
- ⚡ Exterior Lighting

**RESIDENTIAL
PROPERTY
(APARTMENT
COMPLEX)**
TL 8600

NOTE:

Oregon DEQ UST Permit Numbers East to West: AHAHF, AHAHG, AHAHH, AHAHJ



EUGENE OFFICE
32986 Roberts Ct.
Coburg, OR
ph: 541.484.9484

PORTLAND OFFICE
25195 SW Parkway Ave., #207
Wilsonville, OR
ph: 503.570.9484

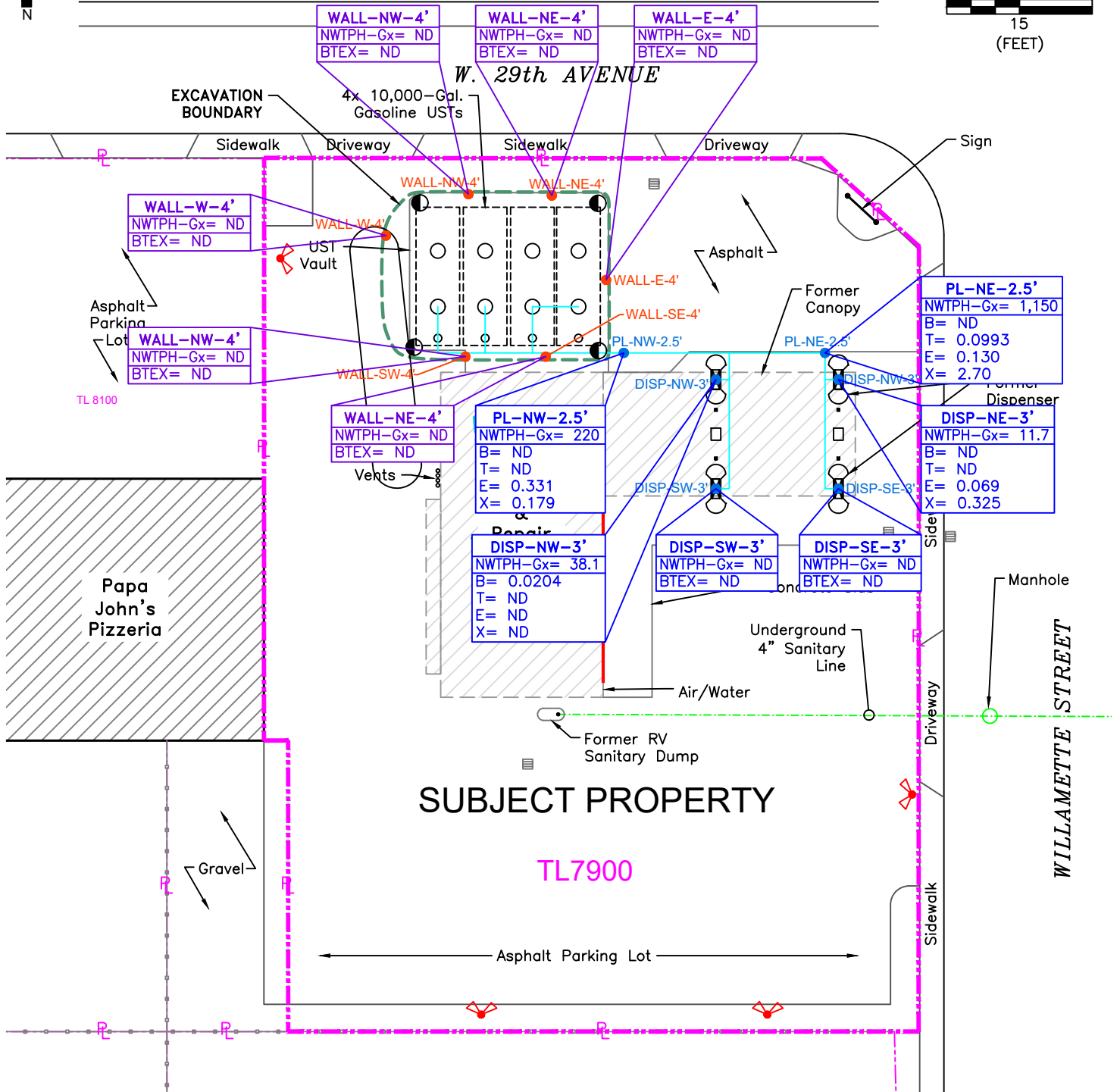
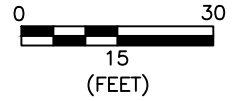
www.BBAENV.COM

**SITE PLAN
COMMERCIAL PROPERTY**
2910 WILLAMETTE STREET, EUGENE, OREGON

FIGURE #:

3

PROJECT CODE: T008DEC.24UC	DATE: 11/19/24	SCALE: 1"=30'	DRAWN: K.D.DESIGNS	CHECKED: MATTHEW LUCZAK
-------------------------------	-------------------	------------------	-----------------------	----------------------------



LEGEND

Gasoline—Range Total Petroleum Hydrocarbons per Northwest Method NWTPH-Gx; BTEX (Volatile Organic Compounds (VOCs)) per EPA Method 8260D; All units in parts per million (ppm); ND= Not Detected

- PL-NW-2.5' Soil Sample Location and Identification Number (BB&A Env. 4/24/2005)
- WALL-SE-4' Soil Sample Location and Identification Number (BB&A Env. 10/29/2024)
- Observation Well Location

- ▨ Building
- P— Property Line
- Tax Lot Number
- ☒ Catch Basin
- ⚡ Exterior Lighting

WALL-W-4'
NWTPH-Gx= ND
BTEX= ND



EUGENE OFFICE
32986 Roberts Ct.
Coburg, OR
ph: 541.484.9484

PORTLAND OFFICE
25195 SW Parkway Ave.,#207
Wilsonville, OR
ph: 503.570.9484

www.BBAENV.COM

**SOIL ANALYTICAL DATA
COMMERCIAL PROPERTY**
2910 WILLAMETTE STREET, EUGENE, OREGON

PROJECT CODE: T008DEC.24UC	DATE: 06/16/25	SCALE: 1"=30'	DRAWN: K.D.DESIGNS	CHECKED: MATTHEW LUCZAK
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FIGURE #:

4

ATTACHMENT B

Receipts

Oil Re-Refining Company
 EPA# ORD980975692
 4150 N Suttle Rd
 Portland, OR 97217
 Phone: 503-286-8352

Work Order
 10/28/202-

Service Information

Greg Payne Construction
 29th & Willamette
 Eugene, OR 97405
 Contact: Greg (personal)
 Phone: (541) 501-3038
 E-mail: gpayne1420@msn.com

Billing Information

Greg Payne Construction
 535 River Loop 1
 Eugene, OR 97404-3211

Job Name

Greg Payne Construction - 2404287

Job Type	PO #	Invoice #	Scheduled	Start	End
Commercial			10/28/2024	11:00 AM	12:00 PM
Item	Description	Quantity	Rate	Amount	
Wastewater (fuel & water CCP)	For recycling, CDT test:	800.00	\$0.75	\$600.00	
Hydro Clor D Test	Field test for chlorinates in aqueous materials	1.00	\$40.00	\$40.00	
Truck & Gear Labor	Per hour (includes stop fee, job time and travel time when applicable).	1.00	\$120.00	\$120.00	

Job Subtotal: \$760.00
 OREGON: \$0.00
 Payment Total: \$0.00
Total: \$760.00

GEN EPA ID#	GEN Status	Profile 1	Profile 2	Profile 3	Profile 4
None	N/A	Oily Water-9-16-23fuel & water	10-28-25		
Profile 5	Profile 6	Profile 7	Profile 8		
Consigned to	Via carrier	Destination	City/State	EPA #	Truck #
ORRCO/Goshen	ORRCO	85951 Old Hwy 99 S	Eugene, OR	ORQ000024941	4737
Driver	Manifest #	CA waste codes			
Cory Dickinson					

Job Notes and Instructions:

10/21 Debby - Per Paul -200 passed

As an authorized representative of the generator of the material described above, I certify that the information contained in this document is 100% accurate and complete. I further certify that this material does NOT constitute a hazardous waste and has NOT been mixed with any hazardous waste such as spent chlorinated solvents or any other contaminants including, without limitation, PCBs, pesticides, or any other hazardous wastes or substances. In the event that the material described in this document is in fact a hazardous waste, or contains 2 PPM or more of PCBs, I guarantee to pay all costs necessary for proper analysis, transportation, storage, and disposal as well as any fines, penalties, attorneys fees, expert witness fees and the loss of the petroleum product resulting from contamination and/or inaccurate and/or incomplete information concerning the material described above. Customer Not Available: Other /COVID-Social Distance VERBAL Signature.

Phone 541-682-6923
 Lane County Waste Management
 3040 N Delta Hwy
 Eugene, OR 97408

Statement

Date

4/30/2025

To:

**If not paying balance due,
 please list ticket numbers.**

Greg Payne Trucking & Construction
 535 River Loop #1
 Eugene, OR 97404

		Due Date	Account #	Amount Due	
		4/30/2025	077105	\$30.90	
Date	Transaction	Amount	Balance		
04/26/2025	#7263250396. Demolition TN Fuel dispensing piping	14.00	14.00		
04/26/2025	#7363250292. Loose TN OTHER	16.90	30.90		
CURRENT	1-30 DAYS PAST DUE	31-60 DAYS PAST DUE	61-90 DAYS PAST DUE	OVER 90 DAYS PAST DUE	AMOUNT DUE
30.90	0.00	0.00	0.00	0.00	\$30.90

5947

Lane County Public Works
Waste Management Division

Site 02 Short Wt. SMScale

Ticket: 0061600114 Temp: 11
Permit:
Operator: 13973 Date: 11/12/2024
In: 2:38PM Out: 3:02PM
Customer: Greg Payne Trucking & Construct
ion
Account: 077105 Card: 012
In County: Yes Secured: Yes
Driver:
Truck: Volume: 0

Load
Gross Wt: 22.46
Tare Wt: 19.83
Net Wt: 2.63
Gross LBS: 44920
Tare LBS: 39660
Net LBS: 5260

Fee	Type	Description	Qty	Rate	Fee
	11030	Loose TN	2.63	105.62	277.78
	94000	Tons Credit SM	1.00	-4.04	-11.22

Total Fee: \$266.56

Signed

Trace 29th + Willemette

ATTACHMENT C

Laboratory Analytical Reports and Chain-of-Custody Documents



ANALYTICAL REPORT

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

Thursday, October 24, 2024
Matthew Luczak
BB&A Environmental - Eugene
PO Box 40187
Eugene, OR 97404

RE: A4J1622 - 29th and Willamette 76 - TO08DEC.24UC

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 A4J1622, which was received by the laboratory on 10/23/2024 at 9:52:00AM.

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

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

Cooler Receipt Information	
<u>Acceptable Receipt Temperature is less than, or equal to, 6 degC (not frozen), or received on ice the same day as sampling.</u>	
(See Cooler Receipt Form for details)	
<u>Default Cooler</u>	4.5 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

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

Apex Laboratories, LLC

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

BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette 76 Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A4J1622 - 10 24 24 1144
--	---	---

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TO08-DW-10222024	A4J1622-01	Water	10/22/24 18:30	10/23/24 09:52

Apex Laboratories

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

Cameron O'Brien For Darrell Auvil, Client Services Manager



ANALYTICAL REPORT

Apex Laboratories, LLC

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

BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette 76 Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A4J1622 - 10 24 24 1144
--	---	---

ANALYTICAL SAMPLE RESULTS

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

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
TO08-DW-10222024 (A4J1622-01RE1)			Matrix: Water		Batch: 24J0902			
Gasoline Range Organics	0.631	---	0.100	mg/L	1	10/23/24 16:42	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 91 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>10/23/24 16:42</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>101 %</i>	<i>50-150 %</i>	<i>1</i>	<i>10/23/24 16:42</i>	<i>NWTPH-Gx (MS)</i>	

Apex Laboratories

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

Cameron O'Brien For Darrell Auvil, Client Services Manager



ANALYTICAL REPORT

Apex Laboratories, LLC

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

BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette 76 Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A4J1622 - 10 24 24 1144
--	---	---

ANALYTICAL SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
TO08-DW-10222024 (A4J1622-01RE1)				Matrix: Water		Batch: 24J0902		
Benzene	33.6	---	0.200	ug/L	1	10/23/24 16:42	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	10/23/24 16:42	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	10/23/24 16:42	EPA 8260D	
Xylenes, total	1.94	---	1.50	ug/L	1	10/23/24 16:42	EPA 8260D	
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>			<i>Recovery: 98 %</i>	<i>Limits: 80-120 %</i>	<i>1</i>	<i>10/23/24 16:42</i>	<i>EPA 8260D</i>	
<i>Toluene-d8 (Surr)</i>			<i>102 %</i>	<i>80-120 %</i>	<i>1</i>	<i>10/23/24 16:42</i>	<i>EPA 8260D</i>	
<i>4-Bromofluorobenzene (Surr)</i>			<i>99 %</i>	<i>80-120 %</i>	<i>1</i>	<i>10/23/24 16:42</i>	<i>EPA 8260D</i>	

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

Apex Laboratories, LLC

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

BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette 76 Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A4J1622 - 10 24 24 1144
--	---	---

QUALITY CONTROL (QC) SAMPLE RESULTS

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

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24J0902 - EPA 5030C						Water						
Blank (24J0902-BLK1)		Prepared: 10/23/24 08:07 Analyzed: 10/23/24 13:19										
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	ND	---	0.100	mg/L	1	---	---	---	---	---	---	
<i>Surr: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery: 93 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						
<i>1,4-Difluorobenzene (Sur)</i>		<i>108 %</i>		<i>50-150 %</i>		"						
LCS (24J0902-BS2)		Prepared: 10/23/24 08:07 Analyzed: 10/23/24 12:47										
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	0.483	---	0.100	mg/L	1	0.500	---	97	80 - 120%	---	---	
<i>Surr: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery: 93 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						
<i>1,4-Difluorobenzene (Sur)</i>		<i>105 %</i>		<i>50-150 %</i>		"						

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

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette 76 Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A4J1622 - 10 24 24 1144
--	---	---

QUALITY CONTROL (QC) SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24J0902 - EPA 5030C						Water						
Blank (24J0902-BLK1)		Prepared: 10/23/24 08:07		Analyzed: 10/23/24 13:19								
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	---	---	---	---	---	---	---
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 103 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>102 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>99 %</i>		<i>80-120 %</i>		<i>"</i>						
LCS (24J0902-BS1)						Prepared: 10/23/24 08:07 Analyzed: 10/23/24 12:02						
EPA 8260D												
Benzene	20.4	---	0.200	ug/L	1	20.0	---	102	80 - 120%	---	---	---
Toluene	20.0	---	1.00	ug/L	1	20.0	---	100	80 - 120%	---	---	---
Ethylbenzene	21.4	---	0.500	ug/L	1	20.0	---	107	80 - 120%	---	---	---
Xylenes, total	63.7	---	1.50	ug/L	1	60.0	---	106	80 - 120%	---	---	---
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 101 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>100 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>90 %</i>		<i>80-120 %</i>		<i>"</i>						

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

Apex Laboratories

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BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette 76 Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A4J1622 - 10 24 24 1144
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SAMPLE PREPARATION INFORMATION

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

Prep: EPA 5030C					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 24J0902</u>							
A4J1622-01RE1	Water	NWTPH-Gx (MS)	10/22/24 18:30	10/23/24 09:36	5mL/5mL	5mL/5mL	1.00

BTEX Compounds by EPA 8260D

Prep: EPA 5030C					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 24J0902</u>							
A4J1622-01RE1	Water	EPA 8260D	10/22/24 18:30	10/23/24 09:36	5mL/5mL	5mL/5mL	1.00

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Cameron O'Brien For Darrell Auvil, Client Services Manager



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QUALIFIER DEFINITIONS

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

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

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REPORTING NOTES AND CONVENTIONS:

Abbreviations:

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

Detection Limits: Limit of Detection (LOD)

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

Reporting Limits: Limit of Quantitation (LOQ)

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

Reporting Conventions:

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

QC Source:

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

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

Miscellaneous Notes:

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

Blanks:

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

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REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

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

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

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

Soil and Sediment Samples:

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

Sampling and Preservation Notes:

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

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

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

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

Benzofluoranthene Isomer Reporting:

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

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

Table with 3 columns: Client (BB&A Environmental - Eugene), Project (29th and Willamette 76), and Report ID (A4J1622 - 10 24 24 1144).

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 with 6 columns: Matrix, Analysis, TNI_ID, Analyte, TNI_ID, Accreditation

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

Secondary Accreditations

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

Subcontract Laboratory Accreditations

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

Field Testing Parameters

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

Apex Laboratories

Handwritten signature of Cameron O'Brien

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

BB&A Environmental - Eugene Project: **29th and Willamette 76**
PO Box 40187 Project Number: **TO08DEC.24UC**
Eugene, OR 97404 Project Manager: **Matthew Luczak** **Report ID:**
A4J1622 - 10 24 24 1144

CHAIN OF CUSTODY

Lab # A4J1622 COC # OF

6700 SW Sandburg Street, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

APEX LABS Project Mgr: **Matthew Luczak** Project Name: **29th and Willamette 76** Project # **TO08DEC.24UC**

Company: **BB&A Environmental** Phone: **(541) 484-9484** Fax: **(541) 484-4188** Email: **mluczak@bbaeenv.com**

Address: **32986 Roberts Court, Eugene, Oregon 97408**

Sampled by: **Matthew Luczak**

LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-CID	NWTPH-DX	NWTPH-GX+RTEX	8260 BTEX+N	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs (Full List)	8270 SIM PAHs	8082 PCBs	Chlor. Pest 8081B	RCRA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Cr, Cu, Fe, Pb, Hg, Mn, Ni, V, Zn, Se, Ag, Na, TL, Y, Zn	TCLP Metals (8)	1200-COLS	1200-Z	Phosph. Pest 8270D(GS/MS)	Chlor. Herb G/C/ECD	Total Lead	Total Arsenic	5035 Extract & Hold	
TO08-DW-10222024	10/22/2024	18:30					X																			

Normal Turn-Around Time (TAT) = 5-10 Business Days

TAT Requested (circle): **24 HR** 48 HR 72 HR
4 DAY 5 DAY Other: _____

SPECIAL INSTRUCTIONS:
send results to matthew.luczak as soon as results are in.

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: *[Signature]* Date: 10/23/24
Printed Name: Jordan Kim Sung Time: 0952
Company: BB&A Environmental

RECEIVED BY: Signature: *[Signature]* Date: 10/23/24
Printed Name: Matthew Luczak Time: 0952
Company: Apex

Apex Laboratories

C. O'Brien

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ANALYTICAL REPORT

Apex Laboratories, LLC

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BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette 76 Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A4J1622 - 10 24 24 1144
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APEX LABS COOLER RECEIPT FORM

Client: BB&A Element WO#: A4 J1622

Project/Project #: 29th and Willamette

Delivery Info:

Date/time received: 10/23/24 @ 0952 By: KMS

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

From USDA Regulated Origin? Yes No

Cooler Inspection Date/time inspected: 10/23/24 @ 0952 By: KS

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>4.5</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: 10/23/24 @ 1000 By: KS

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: KS

Witness: APL

Cooler Inspected by: KS

Form Y-003 R-02

Apex Laboratories

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CABri

Cameron O'Brien For Darrell Auvil, Client Services Manager



ANALYTICAL REPORT

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

Thursday, November 7, 2024
Matthew Luczak
BB&A Environmental - Eugene
PO Box 40187
Eugene, OR 97404

RE: A4J1979 - 29th and Willamette 76 - TO08DEC.24UC

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 A4J1979, which was received by the laboratory on 10/31/2024 at 2:16:00PM.

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

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Darrell Auvil, Client Services Manager



ANALYTICAL REPORT

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BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette 76 Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A4J1979 - 11 07 24 1729
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ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TO08-WALL-NW-4'	A4J1979-01	Soil	10/29/24 11:45	10/31/24 14:16
TO08-WALL-NE-4'	A4J1979-02	Soil	10/29/24 11:50	10/31/24 14:16
TO08-WALL-E-4'	A4J1979-03	Soil	10/29/24 11:55	10/31/24 14:16
TO08-WALL-SE-4'	A4J1979-04	Soil	10/29/24 12:00	10/31/24 14:16
TO08-WALL-SW-4'	A4J1979-05	Soil	10/29/24 12:05	10/31/24 14:16
TO08-WALL-W-4'	A4J1979-06	Soil	10/29/24 12:10	10/31/24 14:16

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Darrell Auvil, Client Services Manager



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ANALYTICAL SAMPLE RESULTS

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

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
TO08-WALL-NW-4' (A4J1979-01)				Matrix: Soil		Batch: 24K0079		V-16
Gasoline Range Organics	ND	---	7.29	mg/kg dry	50	11/04/24 14:14	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 95 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>11/04/24 14:14</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>108 %</i>	<i>50-150 %</i>	<i>1</i>	<i>11/04/24 14:14</i>	<i>NWTPH-Gx (MS)</i>	
TO08-WALL-NE-4' (A4J1979-02)				Matrix: Soil		Batch: 24K0079		V-16
Gasoline Range Organics	ND	---	7.30	mg/kg dry	50	11/04/24 15:15	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 95 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>11/04/24 15:15</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>107 %</i>	<i>50-150 %</i>	<i>1</i>	<i>11/04/24 15:15</i>	<i>NWTPH-Gx (MS)</i>	
TO08-WALL-E-4' (A4J1979-03)				Matrix: Soil		Batch: 24K0079		V-16
Gasoline Range Organics	ND	---	7.70	mg/kg dry	50	11/04/24 15:46	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 102 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>11/04/24 15:46</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>109 %</i>	<i>50-150 %</i>	<i>1</i>	<i>11/04/24 15:46</i>	<i>NWTPH-Gx (MS)</i>	
TO08-WALL-SE-4' (A4J1979-04)				Matrix: Soil		Batch: 24K0079		V-16
Gasoline Range Organics	ND	---	7.49	mg/kg dry	50	11/04/24 16:16	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 96 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>11/04/24 16:16</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>109 %</i>	<i>50-150 %</i>	<i>1</i>	<i>11/04/24 16:16</i>	<i>NWTPH-Gx (MS)</i>	
TO08-WALL-SW-4' (A4J1979-05)				Matrix: Soil		Batch: 24K0079		V-16
Gasoline Range Organics	ND	---	5.71	mg/kg dry	50	11/04/24 16:46	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 98 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>11/04/24 16:46</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>111 %</i>	<i>50-150 %</i>	<i>1</i>	<i>11/04/24 16:46</i>	<i>NWTPH-Gx (MS)</i>	
TO08-WALL-W-4' (A4J1979-06)				Matrix: Soil		Batch: 24K0079		V-16
Gasoline Range Organics	ND	---	7.89	mg/kg dry	50	11/04/24 17:17	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>			<i>Recovery: 94 %</i>	<i>Limits: 50-150 %</i>	<i>1</i>	<i>11/04/24 17:17</i>	<i>NWTPH-Gx (MS)</i>	
<i>1,4-Difluorobenzene (Sur)</i>			<i>108 %</i>	<i>50-150 %</i>	<i>1</i>	<i>11/04/24 17:17</i>	<i>NWTPH-Gx (MS)</i>	

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Darrell Auvil, Client Services Manager

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ANALYTICAL REPORT

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BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette 76 Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A4J1979 - 11 07 24 1729
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ANALYTICAL SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
TO08-WALL-NW-4' (A4J1979-01)				Matrix: Soil		Batch: 24K0079		V-16
Benzene	ND	---	14.6	ug/kg dry	50	11/04/24 14:14	5035A/8260D	
Toluene	ND	---	72.9	ug/kg dry	50	11/04/24 14:14	5035A/8260D	
Ethylbenzene	ND	---	36.5	ug/kg dry	50	11/04/24 14:14	5035A/8260D	
Xylenes, total	ND	---	109	ug/kg dry	50	11/04/24 14:14	5035A/8260D	
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 110 %</i>		<i>Limits: 80-120 %</i>		<i>1</i>	<i>11/04/24 14:14</i>	<i>5035A/8260D</i>
<i>Toluene-d8 (Surr)</i>				<i>101 %</i>		<i>80-120 %</i>	<i>1</i>	<i>11/04/24 14:14</i>
<i>4-Bromofluorobenzene (Surr)</i>				<i>92 %</i>		<i>79-120 %</i>	<i>1</i>	<i>11/04/24 14:14</i>
TO08-WALL-NE-4' (A4J1979-02)				Matrix: Soil		Batch: 24K0079		V-16
Benzene	ND	---	14.6	ug/kg dry	50	11/04/24 15:15	5035A/8260D	
Toluene	ND	---	73.0	ug/kg dry	50	11/04/24 15:15	5035A/8260D	
Ethylbenzene	ND	---	36.5	ug/kg dry	50	11/04/24 15:15	5035A/8260D	
Xylenes, total	ND	---	109	ug/kg dry	50	11/04/24 15:15	5035A/8260D	
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 108 %</i>		<i>Limits: 80-120 %</i>		<i>1</i>	<i>11/04/24 15:15</i>	<i>5035A/8260D</i>
<i>Toluene-d8 (Surr)</i>				<i>101 %</i>		<i>80-120 %</i>	<i>1</i>	<i>11/04/24 15:15</i>
<i>4-Bromofluorobenzene (Surr)</i>				<i>92 %</i>		<i>79-120 %</i>	<i>1</i>	<i>11/04/24 15:15</i>
TO08-WALL-E-4' (A4J1979-03)				Matrix: Soil		Batch: 24K0079		V-16
Benzene	ND	---	15.4	ug/kg dry	50	11/04/24 15:46	5035A/8260D	
Toluene	ND	---	77.0	ug/kg dry	50	11/04/24 15:46	5035A/8260D	
Ethylbenzene	ND	---	38.5	ug/kg dry	50	11/04/24 15:46	5035A/8260D	
Xylenes, total	ND	---	115	ug/kg dry	50	11/04/24 15:46	5035A/8260D	
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 110 %</i>		<i>Limits: 80-120 %</i>		<i>1</i>	<i>11/04/24 15:46</i>	<i>5035A/8260D</i>
<i>Toluene-d8 (Surr)</i>				<i>99 %</i>		<i>80-120 %</i>	<i>1</i>	<i>11/04/24 15:46</i>
<i>4-Bromofluorobenzene (Surr)</i>				<i>92 %</i>		<i>79-120 %</i>	<i>1</i>	<i>11/04/24 15:46</i>
TO08-WALL-SE-4' (A4J1979-04)				Matrix: Soil		Batch: 24K0079		V-16
Benzene	ND	---	15.0	ug/kg dry	50	11/04/24 16:16	5035A/8260D	
Toluene	ND	---	74.9	ug/kg dry	50	11/04/24 16:16	5035A/8260D	
Ethylbenzene	ND	---	37.5	ug/kg dry	50	11/04/24 16:16	5035A/8260D	
Xylenes, total	ND	---	112	ug/kg dry	50	11/04/24 16:16	5035A/8260D	
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 109 %</i>		<i>Limits: 80-120 %</i>		<i>1</i>	<i>11/04/24 16:16</i>	<i>5035A/8260D</i>
<i>Toluene-d8 (Surr)</i>				<i>101 %</i>		<i>80-120 %</i>	<i>1</i>	<i>11/04/24 16:16</i>
<i>4-Bromofluorobenzene (Surr)</i>				<i>94 %</i>		<i>79-120 %</i>	<i>1</i>	<i>11/04/24 16:16</i>

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ANALYTICAL REPORT

Apex Laboratories, LLC

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

BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette 76 Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A4J1979 - 11 07 24 1729
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ANALYTICAL SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
TO08-WALL-SW-4' (A4J1979-05)				Matrix: Soil		Batch: 24K0079		V-16
Benzene	ND	---	11.4	ug/kg dry	50	11/04/24 16:46	5035A/8260D	
Toluene	ND	---	57.1	ug/kg dry	50	11/04/24 16:46	5035A/8260D	
Ethylbenzene	ND	---	28.6	ug/kg dry	50	11/04/24 16:46	5035A/8260D	
Xylenes, total	ND	---	85.7	ug/kg dry	50	11/04/24 16:46	5035A/8260D	
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 111 %</i>		<i>Limits: 80-120 %</i>		<i>1</i>	<i>11/04/24 16:46</i>	<i>5035A/8260D</i>
<i>Toluene-d8 (Surr)</i>		<i>100 %</i>		<i>80-120 %</i>		<i>1</i>	<i>11/04/24 16:46</i>	<i>5035A/8260D</i>
<i>4-Bromofluorobenzene (Surr)</i>		<i>94 %</i>		<i>79-120 %</i>		<i>1</i>	<i>11/04/24 16:46</i>	<i>5035A/8260D</i>
TO08-WALL-W-4' (A4J1979-06)				Matrix: Soil		Batch: 24K0079		V-16
Benzene	ND	---	15.8	ug/kg dry	50	11/04/24 17:17	5035A/8260D	
Toluene	ND	---	78.9	ug/kg dry	50	11/04/24 17:17	5035A/8260D	
Ethylbenzene	ND	---	39.5	ug/kg dry	50	11/04/24 17:17	5035A/8260D	
Xylenes, total	ND	---	118	ug/kg dry	50	11/04/24 17:17	5035A/8260D	
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 109 %</i>		<i>Limits: 80-120 %</i>		<i>1</i>	<i>11/04/24 17:17</i>	<i>5035A/8260D</i>
<i>Toluene-d8 (Surr)</i>		<i>102 %</i>		<i>80-120 %</i>		<i>1</i>	<i>11/04/24 17:17</i>	<i>5035A/8260D</i>
<i>4-Bromofluorobenzene (Surr)</i>		<i>91 %</i>		<i>79-120 %</i>		<i>1</i>	<i>11/04/24 17:17</i>	<i>5035A/8260D</i>

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ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
TO08-WALL-NW-4' (A4J1979-01)				Matrix: Soil		Batch: 24K0016		
% Solids	80.3	---	1.00	%	1	11/02/24 10:55	EPA 8000D	
TO08-WALL-NE-4' (A4J1979-02)				Matrix: Soil		Batch: 24K0016		
% Solids	79.2	---	1.00	%	1	11/02/24 10:55	EPA 8000D	
TO08-WALL-E-4' (A4J1979-03)				Matrix: Soil		Batch: 24K0016		
% Solids	76.4	---	1.00	%	1	11/02/24 10:55	EPA 8000D	
TO08-WALL-SE-4' (A4J1979-04)				Matrix: Soil		Batch: 24K0016		
% Solids	79.6	---	1.00	%	1	11/02/24 10:55	EPA 8000D	
TO08-WALL-SW-4' (A4J1979-05)				Matrix: Soil		Batch: 24K0016		
% Solids	91.6	---	1.00	%	1	11/02/24 10:55	EPA 8000D	
TO08-WALL-W-4' (A4J1979-06)				Matrix: Soil		Batch: 24K0016		
% Solids	72.0	---	1.00	%	1	11/02/24 10:55	EPA 8000D	

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QUALITY CONTROL (QC) SAMPLE RESULTS

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

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24K0079 - EPA 5035A						Soil						
Blank (24K0079-BLK1)		Prepared: 11/04/24 09:00 Analyzed: 11/04/24 12:43										
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	ND	---	5.00	mg/kg wet	50	---	---	---	---	---	---	---
<i>Surr: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery: 95 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						
<i>1,4-Difluorobenzene (Sur)</i>		<i>107 %</i>		<i>50-150 %</i>		<i>"</i>						
LCS (24K0079-BS2)		Prepared: 11/04/24 09:00 Analyzed: 11/04/24 12:13										
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	23.5	---	5.00	mg/kg wet	50	25.0	---	94	80 - 120%	---	---	---
<i>Surr: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery: 94 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						
<i>1,4-Difluorobenzene (Sur)</i>		<i>102 %</i>		<i>50-150 %</i>		<i>"</i>						
Duplicate (24K0079-DUP1)		Prepared: 10/31/24 18:20 Analyzed: 11/04/24 14:45										V-16
<u>QC Source Sample: TO08-WALL-NW-4' (A4J1979-01)</u>												
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	ND	---	7.29	mg/kg dry	50	---	ND	---	---	---	30%	---
<i>Surr: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery: 97 %</i>		<i>Limits: 50-150 %</i>		<i>Dilution: 1x</i>						
<i>1,4-Difluorobenzene (Sur)</i>		<i>107 %</i>		<i>50-150 %</i>		<i>"</i>						

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QUALITY CONTROL (QC) SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 24K0079 - EPA 5035A						Soil						
Blank (24K0079-BLK1)		Prepared: 11/04/24 09:00 Analyzed: 11/04/24 12:43										
<u>5035A/8260D</u>												
Benzene	ND	---	10.0	ug/kg wet	50	---	---	---	---	---	---	---
Toluene	ND	---	50.0	ug/kg wet	50	---	---	---	---	---	---	---
Ethylbenzene	ND	---	25.0	ug/kg wet	50	---	---	---	---	---	---	---
Xylenes, total	ND	---	75.0	ug/kg wet	50	---	---	---	---	---	---	---
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 106 %</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>93 %</i>		<i>79-120 %</i>		<i>"</i>						
LCS (24K0079-BS1)		Prepared: 11/04/24 09:00 Analyzed: 11/04/24 11:42										
<u>5035A/8260D</u>												
Benzene	1040	---	10.0	ug/kg wet	50	1000	---	104	80 - 120%	---	---	---
Toluene	964	---	50.0	ug/kg wet	50	1000	---	96	80 - 120%	---	---	---
Ethylbenzene	973	---	25.0	ug/kg wet	50	1000	---	97	80 - 120%	---	---	---
Xylenes, total	2870	---	75.0	ug/kg wet	50	3000	---	96	80 - 120%	---	---	---
<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>101 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>91 %</i>		<i>79-120 %</i>		<i>"</i>						
Duplicate (24K0079-DUP1)		Prepared: 10/31/24 18:20 Analyzed: 11/04/24 14:45										
<u>QC Source Sample: TO08-WALL-NW-4' (A4J1979-01)</u>												
<u>5035A/8260D</u>												
Benzene	ND	---	14.6	ug/kg dry	50	---	ND	---	---	---	30%	---
Toluene	ND	---	72.9	ug/kg dry	50	---	ND	---	---	---	30%	---
Ethylbenzene	ND	---	36.5	ug/kg dry	50	---	ND	---	---	---	30%	---
Xylenes, total	ND	---	109	ug/kg dry	50	---	ND	---	---	---	30%	---
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 107 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>100 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>92 %</i>		<i>79-120 %</i>		<i>"</i>						

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BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette 76 Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A4J1979 - 11 07 24 1729
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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 24K0016 - 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

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

Prep: EPA 5035A					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 24K0079</u>							
A4J1979-01	Soil	NWTPH-Gx (MS)	10/29/24 11:45	10/31/24 18:20	5.13g/5mL	5g/5mL	0.98
A4J1979-02	Soil	NWTPH-Gx (MS)	10/29/24 11:50	10/31/24 18:20	5.28g/5mL	5g/5mL	0.95
A4J1979-03	Soil	NWTPH-Gx (MS)	10/29/24 11:55	10/31/24 18:20	5.32g/5mL	5g/5mL	0.94
A4J1979-04	Soil	NWTPH-Gx (MS)	10/29/24 12:00	10/31/24 18:20	5.05g/5mL	5g/5mL	0.99
A4J1979-05	Soil	NWTPH-Gx (MS)	10/29/24 12:05	10/31/24 18:20	5.2g/5mL	5g/5mL	0.96
A4J1979-06	Soil	NWTPH-Gx (MS)	10/29/24 12:10	10/31/24 18:20	5.84g/5mL	5g/5mL	0.86

BTEX Compounds by EPA 8260D

Prep: EPA 5035A					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 24K0079</u>							
A4J1979-01	Soil	5035A/8260D	10/29/24 11:45	10/31/24 18:20	5.13g/5mL	5g/5mL	0.98
A4J1979-02	Soil	5035A/8260D	10/29/24 11:50	10/31/24 18:20	5.28g/5mL	5g/5mL	0.95
A4J1979-03	Soil	5035A/8260D	10/29/24 11:55	10/31/24 18:20	5.32g/5mL	5g/5mL	0.94
A4J1979-04	Soil	5035A/8260D	10/29/24 12:00	10/31/24 18:20	5.05g/5mL	5g/5mL	0.99
A4J1979-05	Soil	5035A/8260D	10/29/24 12:05	10/31/24 18:20	5.2g/5mL	5g/5mL	0.96
A4J1979-06	Soil	5035A/8260D	10/29/24 12:10	10/31/24 18:20	5.84g/5mL	5g/5mL	0.86

Percent Dry Weight

Prep: Dry Weight Prep (EPA 8000D)					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 24K0016</u>							
A4J1979-01	Soil	EPA 8000D	10/29/24 11:45	11/01/24 09:08			NA
A4J1979-02	Soil	EPA 8000D	10/29/24 11:50	11/01/24 09:08			NA
A4J1979-03	Soil	EPA 8000D	10/29/24 11:55	11/01/24 09:08			NA
A4J1979-04	Soil	EPA 8000D	10/29/24 12:00	11/01/24 09:08			NA
A4J1979-05	Soil	EPA 8000D	10/29/24 12:05	11/01/24 09:08			NA
A4J1979-06	Soil	EPA 8000D	10/29/24 12:10	11/01/24 09:08			NA

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QUALIFIER DEFINITIONS

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

Apex Laboratories

V-16 Sample aliquot was subsampled from the sample container in the laboratory. The subsampled aliquot was not preserved within 48 hours of sampling.

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REPORTING NOTES AND CONVENTIONS:

Abbreviations:

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

Detection Limits: Limit of Detection (LOD)

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

Reporting Limits: Limit of Quantitation (LOQ)

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

Reporting Conventions:

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

QC Source:

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

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

Miscellaneous Notes:

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

Blanks:

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

Apex Laboratories

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Darrell Auvil, Client Services Manager



ANALYTICAL REPORT

Apex Laboratories, LLC

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

BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette 76 Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A4J1979 - 11 07 24 1729
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REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

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

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

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

Soil and Sediment Samples:

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

Sampling and Preservation Notes:

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

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

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

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

Apex Laboratories

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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: BB&A Environmental Element WO#: A4J1979

Project/Project #: 29th and Willamette 76 / TO08DEC.24UC

Delivery Info:

Date/time received: 10/31/24 @ 14:10 By: AKM

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

From USDA Regulated Origin? Yes No

Cooler Inspection Date/time inspected: 10/31/24 @ 14:27 By: AKM

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>0.9</u>						
Custody seals? (Y/N)	<u>N</u>						
Received on ice? (Y/N)	<u>Y</u>						
Temp. blanks? (Y/N)	<u>Y</u>						
Ice type: (Gel/Real/Other)	<u>Real</u>						
Condition (In/Out):	<u>✓</u>						

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

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

Out of temperature samples form initiated? Yes/No

Sample Inspection: Date/time inspected: 10/31/24 @ 17:58 By: AKM

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: All 5035 MCH VOA's arrived over stuffed.

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: AKM

Witness: AKM

Cooler Inspected by: AKM

Form Y-003 R-02

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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

Wednesday, May 14, 2025
Matthew Luczak
BB&A Environmental - Eugene
PO Box 40187
Eugene, OR 97404

RE: A5D1807 - 29th and Willamette - TO08DEC.24UC

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 A5D1807, which was received by the laboratory on 4/25/2025 at 11:57:00AM.

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

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

Cooler Receipt Information
Acceptable Receipt Temperature is less than, or equal to, 6 degC (not frozen), or received on ice the same day as sampling.
(See Cooler Receipt Form for details)
Default Cooler 1.0 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.



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[Signature]

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ORELAP ID: OR100062

BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5D1807 - 05 14 25 1500
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ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TO08-DISP-NE-3'	A5D1807-01	Soil	04/24/25 12:25	04/25/25 11:57
TO08-DISP-SE-3'	A5D1807-02	Soil	04/24/25 12:20	04/25/25 11:57
TO08-DISP-NW-3'	A5D1807-03	Soil	04/24/25 12:05	04/25/25 11:57
TO08-DISP-SW-3'	A5D1807-04	Soil	04/24/25 12:15	04/25/25 11:57
TO08-PL-NE-2.5'	A5D1807-05	Soil	04/24/25 12:35	04/25/25 11:57
TO08-PL-NW-2.5'	A5D1807-06	Soil	04/24/25 11:55	04/25/25 11:57

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ORELAP ID: OR100062

BB&A Environmental - Eugene

PO Box 40187
Eugene, OR 97404

Project: **29th and Willamette**

Project Number: **TO08DEC.24UC**

Project Manager: **Matthew Luczak**

Report ID:

A5D1807 - 05 14 25 1500

ANALYTICAL CASE NARRATIVE

Work Order: **A5D1807**

Apex Laboratories

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

Sample Identification Change-

The final report has been amended to reflect one sample ID change. Sample: TO08-PL-NE-2.5' 11:55 has been edited, and is now reported as, TO08-PL-NW-2.5'. (Apex ID: A5D1807-06)

Darrell Auvil
Client Services Manager
8/13/2021

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ANALYTICAL REPORT

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BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5D1807 - 05 14 25 1500
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ANALYTICAL SAMPLE RESULTS

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

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
TO08-DISP-NE-3' (A5D1807-01RE1)				Matrix: Soil		Batch: 25D1145		
Gasoline Range Organics	11.7	---	8.76	mg/kg dry	50	04/29/25 16:48	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery: 98 %</i>		<i>Limits: 50-150 %</i>		<i>1</i>	<i>04/29/25 16:48</i>	<i>NWTPH-Gx (MS)</i>
<i>1,4-Difluorobenzene (Sur)</i>		<i>110 %</i>		<i>50-150 %</i>		<i>1</i>	<i>04/29/25 16:48</i>	<i>NWTPH-Gx (MS)</i>
TO08-DISP-SE-3' (A5D1807-02)				Matrix: Soil		Batch: 25D1091		
Gasoline Range Organics	ND	---	9.61	mg/kg dry	50	04/28/25 23:26	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery: 100 %</i>		<i>Limits: 50-150 %</i>		<i>1</i>	<i>04/28/25 23:26</i>	<i>NWTPH-Gx (MS)</i>
<i>1,4-Difluorobenzene (Sur)</i>		<i>110 %</i>		<i>50-150 %</i>		<i>1</i>	<i>04/28/25 23:26</i>	<i>NWTPH-Gx (MS)</i>
TO08-DISP-NW-3' (A5D1807-03RE1)				Matrix: Soil		Batch: 25D1145		
Gasoline Range Organics	38.1	---	10.2	mg/kg dry	50	04/29/25 17:15	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery: 97 %</i>		<i>Limits: 50-150 %</i>		<i>1</i>	<i>04/29/25 17:15</i>	<i>NWTPH-Gx (MS)</i>
<i>1,4-Difluorobenzene (Sur)</i>		<i>109 %</i>		<i>50-150 %</i>		<i>1</i>	<i>04/29/25 17:15</i>	<i>NWTPH-Gx (MS)</i>
TO08-DISP-SW-3' (A5D1807-04)				Matrix: Soil		Batch: 25D1091		
Gasoline Range Organics	ND	---	9.10	mg/kg dry	50	04/29/25 00:21	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery: 100 %</i>		<i>Limits: 50-150 %</i>		<i>1</i>	<i>04/29/25 00:21</i>	<i>NWTPH-Gx (MS)</i>
<i>1,4-Difluorobenzene (Sur)</i>		<i>112 %</i>		<i>50-150 %</i>		<i>1</i>	<i>04/29/25 00:21</i>	<i>NWTPH-Gx (MS)</i>
TO08-PL-NE-2.5' (A5D1807-05RE1)				Matrix: Soil		Batch: 25D1145		
Gasoline Range Organics	1150	---	54.6	mg/kg dry	500	04/29/25 18:10	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery: 105 %</i>		<i>Limits: 50-150 %</i>		<i>1</i>	<i>04/29/25 18:10</i>	<i>NWTPH-Gx (MS)</i>
<i>1,4-Difluorobenzene (Sur)</i>		<i>112 %</i>		<i>50-150 %</i>		<i>1</i>	<i>04/29/25 18:10</i>	<i>NWTPH-Gx (MS)</i>
TO08-PL-NW-2.5' (A5D1807-06RE1)				Matrix: Soil		Batch: 25D1145		
Gasoline Range Organics	220	---	9.18	mg/kg dry	50	04/29/25 17:43	NWTPH-Gx (MS)	
<i>Surrogate: 4-Bromofluorobenzene (Sur)</i>		<i>Recovery: 109 %</i>		<i>Limits: 50-150 %</i>		<i>1</i>	<i>04/29/25 17:43</i>	<i>NWTPH-Gx (MS)</i>
<i>1,4-Difluorobenzene (Sur)</i>		<i>113 %</i>		<i>50-150 %</i>		<i>1</i>	<i>04/29/25 17:43</i>	<i>NWTPH-Gx (MS)</i>

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Darrell Auvil, Client Services Manager

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ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

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

BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5D1807 - 05 14 25 1500
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ANALYTICAL SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
TO08-DISP-NE-3' (A5D1807-01)				Matrix: Soil		Batch: 25D1091		
Benzene	ND	---	17.5	ug/kg dry	50	04/28/25 22:59	5035A/8260D	
Toluene	ND	---	87.6	ug/kg dry	50	04/28/25 22:59	5035A/8260D	
Ethylbenzene	69.2	---	43.8	ug/kg dry	50	04/28/25 22:59	5035A/8260D	
Xylenes, total	325	---	131	ug/kg dry	50	04/28/25 22:59	5035A/8260D	
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 109 %</i>		<i>Limits: 80-120 %</i>		<i>1</i>	<i>04/28/25 22:59</i>	<i>5035A/8260D</i>
<i>Toluene-d8 (Surr)</i>				<i>99 %</i>		<i>80-120 %</i>	<i>1</i>	<i>04/28/25 22:59</i>
<i>4-Bromofluorobenzene (Surr)</i>				<i>99 %</i>		<i>79-120 %</i>	<i>1</i>	<i>04/28/25 22:59</i>
TO08-DISP-SE-3' (A5D1807-02)				Matrix: Soil		Batch: 25D1091		
Benzene	ND	---	19.2	ug/kg dry	50	04/28/25 23:26	5035A/8260D	
Toluene	ND	---	96.1	ug/kg dry	50	04/28/25 23:26	5035A/8260D	
Ethylbenzene	ND	---	48.0	ug/kg dry	50	04/28/25 23:26	5035A/8260D	
Xylenes, total	ND	---	144	ug/kg dry	50	04/28/25 23:26	5035A/8260D	
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 109 %</i>		<i>Limits: 80-120 %</i>		<i>1</i>	<i>04/28/25 23:26</i>	<i>5035A/8260D</i>
<i>Toluene-d8 (Surr)</i>				<i>98 %</i>		<i>80-120 %</i>	<i>1</i>	<i>04/28/25 23:26</i>
<i>4-Bromofluorobenzene (Surr)</i>				<i>101 %</i>		<i>79-120 %</i>	<i>1</i>	<i>04/28/25 23:26</i>
TO08-DISP-NW-3' (A5D1807-03)				Matrix: Soil		Batch: 25D1091		
Benzene	20.4	---	20.4	ug/kg dry	50	04/28/25 23:54	5035A/8260D	
Toluene	ND	---	102	ug/kg dry	50	04/28/25 23:54	5035A/8260D	
Ethylbenzene	ND	---	51.0	ug/kg dry	50	04/28/25 23:54	5035A/8260D	
Xylenes, total	ND	---	153	ug/kg dry	50	04/28/25 23:54	5035A/8260D	
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 108 %</i>		<i>Limits: 80-120 %</i>		<i>1</i>	<i>04/28/25 23:54</i>	<i>5035A/8260D</i>
<i>Toluene-d8 (Surr)</i>				<i>99 %</i>		<i>80-120 %</i>	<i>1</i>	<i>04/28/25 23:54</i>
<i>4-Bromofluorobenzene (Surr)</i>				<i>100 %</i>		<i>79-120 %</i>	<i>1</i>	<i>04/28/25 23:54</i>
TO08-DISP-SW-3' (A5D1807-04)				Matrix: Soil		Batch: 25D1091		
Benzene	ND	---	18.2	ug/kg dry	50	04/29/25 00:21	5035A/8260D	
Toluene	ND	---	91.0	ug/kg dry	50	04/29/25 00:21	5035A/8260D	
Ethylbenzene	ND	---	45.5	ug/kg dry	50	04/29/25 00:21	5035A/8260D	
Xylenes, total	ND	---	137	ug/kg dry	50	04/29/25 00:21	5035A/8260D	
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 108 %</i>		<i>Limits: 80-120 %</i>		<i>1</i>	<i>04/29/25 00:21</i>	<i>5035A/8260D</i>
<i>Toluene-d8 (Surr)</i>				<i>100 %</i>		<i>80-120 %</i>	<i>1</i>	<i>04/29/25 00:21</i>
<i>4-Bromofluorobenzene (Surr)</i>				<i>101 %</i>		<i>79-120 %</i>	<i>1</i>	<i>04/29/25 00:21</i>

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BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5D1807 - 05 14 25 1500
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ANALYTICAL SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes	
TO08-PL-NE-2.5' (A5D1807-05)				Matrix: Soil		Batch: 25D1091			
Benzene	ND	---	10.9	ug/kg dry	50	04/29/25 01:16	5035A/8260D		
Toluene	99.3	---	54.6	ug/kg dry	50	04/29/25 01:16	5035A/8260D		
Ethylbenzene	130	---	27.3	ug/kg dry	50	04/29/25 01:16	5035A/8260D		
Xylenes, total	2700	---	81.9	ug/kg dry	50	04/29/25 01:16	5035A/8260D		
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 108 %</i>		<i>Limits: 80-120 %</i>		<i>1</i>	<i>04/29/25 01:16</i>	<i>5035A/8260D</i>	
<i>Toluene-d8 (Surr)</i>				<i>96 %</i>		<i>80-120 %</i>	<i>1</i>	<i>04/29/25 01:16</i>	<i>5035A/8260D</i>
<i>4-Bromofluorobenzene (Surr)</i>				<i>97 %</i>		<i>79-120 %</i>	<i>1</i>	<i>04/29/25 01:16</i>	<i>5035A/8260D</i>
TO08-PL-NW-2.5' (A5D1807-06RE1)				Matrix: Soil		Batch: 25D1145			
Benzene	ND	---	18.4	ug/kg dry	50	04/29/25 17:43	5035A/8260D		
Toluene	ND	---	91.8	ug/kg dry	50	04/29/25 17:43	5035A/8260D		
Ethylbenzene	331	---	45.9	ug/kg dry	50	04/29/25 17:43	5035A/8260D		
Xylenes, total	179	---	138	ug/kg dry	50	04/29/25 17:43	5035A/8260D		
<i>Surrogate: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 107 %</i>		<i>Limits: 80-120 %</i>		<i>1</i>	<i>04/29/25 17:43</i>	<i>5035A/8260D</i>	
<i>Toluene-d8 (Surr)</i>				<i>96 %</i>		<i>80-120 %</i>	<i>1</i>	<i>04/29/25 17:43</i>	<i>5035A/8260D</i>
<i>4-Bromofluorobenzene (Surr)</i>				<i>100 %</i>		<i>79-120 %</i>	<i>1</i>	<i>04/29/25 17:43</i>	<i>5035A/8260D</i>

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Darrell Auvil, Client Services Manager



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503-718-2323
ORELAP ID: OR100062

BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5D1807 - 05 14 25 1500
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ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
TO08-DISP-NE-3' (A5D1807-01)				Matrix: Soil		Batch: 25D1212		
% Solids	72.5	---	1.00	%	1	05/01/25 05:17	EPA 8000D	
TO08-DISP-SE-3' (A5D1807-02)				Matrix: Soil		Batch: 25D1212		
% Solids	69.6	---	1.00	%	1	05/01/25 05:17	EPA 8000D	
TO08-DISP-NW-3' (A5D1807-03)				Matrix: Soil		Batch: 25D1212		
% Solids	66.4	---	1.00	%	1	05/01/25 05:17	EPA 8000D	
TO08-DISP-SW-3' (A5D1807-04)				Matrix: Soil		Batch: 25D1212		
% Solids	70.0	---	1.00	%	1	05/01/25 05:17	EPA 8000D	
TO08-PL-NE-2.5' (A5D1807-05)				Matrix: Soil		Batch: 25D1212		
% Solids	88.2	---	1.00	%	1	05/01/25 05:17	EPA 8000D	
TO08-PL-NW-2.5' (A5D1807-06)				Matrix: Soil		Batch: 25D1212		
% Solids	69.5	---	1.00	%	1	05/01/25 05:17	EPA 8000D	

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BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5D1807 - 05 14 25 1500
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QUALITY CONTROL (QC) SAMPLE RESULTS

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

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25D1091 - EPA 5035A						Soil						
Blank (25D1091-BLK1)		Prepared: 04/28/25 11:00 Analyzed: 04/28/25 15:13										
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	ND	---	5.00	mg/kg wet	50	---	---	---	---	---	---	---
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 96 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		118 %		50-150 %		"						
LCS (25D1091-BS2)						Prepared: 04/28/25 11:00 Analyzed: 04/28/25 14:46						
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	30.8	---	5.00	mg/kg wet	50	25.0	---	123	80 - 120%	---	---	Q-29
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 97 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		116 %		50-150 %		"						

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

Batch 25D1145 - EPA 5035A						Soil						
Blank (25D1145-BLK1)		Prepared: 04/29/25 09:00 Analyzed: 04/29/25 11:46										
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	ND	---	5.00	mg/kg wet	50	---	---	---	---	---	---	---
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 95 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		112 %		50-150 %		"						
LCS (25D1145-BS2)						Prepared: 04/29/25 09:00 Analyzed: 04/29/25 11:19						
<u>NWTPH-Gx (MS)</u>												
Gasoline Range Organics	29.1	---	5.00	mg/kg wet	50	25.0	---	116	80 - 120%	---	---	---
Surr: 4-Bromofluorobenzene (Sur)		Recovery: 95 %		Limits: 50-150 %		Dilution: 1x						
1,4-Difluorobenzene (Sur)		112 %		50-150 %		"						

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

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BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5D1807 - 05 14 25 1500
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QUALITY CONTROL (QC) SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25D1091 - EPA 5035A						Soil						
Blank (25D1091-BLK1)		Prepared: 04/28/25 11:00 Analyzed: 04/28/25 15:13										
<u>5035A/8260D</u>												
Benzene	ND	---	10.0	ug/kg wet	50	---	---	---	---	---	---	---
Toluene	ND	---	50.0	ug/kg wet	50	---	---	---	---	---	---	---
Ethylbenzene	ND	---	25.0	ug/kg wet	50	---	---	---	---	---	---	---
Xylenes, total	ND	---	75.0	ug/kg wet	50	---	---	---	---	---	---	---
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 103 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>104 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>97 %</i>		<i>79-120 %</i>		<i>"</i>						
LCS (25D1091-BS1)		Prepared: 04/28/25 11:00 Analyzed: 04/28/25 14:18										
<u>5035A/8260D</u>												
Benzene	1130	---	10.0	ug/kg wet	50	1000	---	113	80 - 120%	---	---	---
Toluene	1090	---	50.0	ug/kg wet	50	1000	---	109	80 - 120%	---	---	---
Ethylbenzene	1110	---	25.0	ug/kg wet	50	1000	---	111	80 - 120%	---	---	---
Xylenes, total	3270	---	75.0	ug/kg wet	50	3000	---	109	80 - 120%	---	---	---
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 101 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>106 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>90 %</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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ORELAP ID: OR100062

BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5D1807 - 05 14 25 1500
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QUALITY CONTROL (QC) SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 25D1145 - EPA 5035A						Soil						
Blank (25D1145-BLK1)		Prepared: 04/29/25 09:00 Analyzed: 04/29/25 11:46										
<u>5035A/8260D</u>												
Benzene	ND	---	10.0	ug/kg wet	50	---	---	---	---	---	---	---
Toluene	ND	---	50.0	ug/kg wet	50	---	---	---	---	---	---	---
Ethylbenzene	ND	---	25.0	ug/kg wet	50	---	---	---	---	---	---	---
Xylenes, total	ND	---	75.0	ug/kg wet	50	---	---	---	---	---	---	---
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 105 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>104 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>98 %</i>		<i>79-120 %</i>		<i>"</i>						
<hr/>												
LCS (25D1145-BS1)		Prepared: 04/29/25 09:00 Analyzed: 04/29/25 10:51										
<u>5035A/8260D</u>												
Benzene	1090	---	10.0	ug/kg wet	50	1000	---	109	80 - 120%	---	---	---
Toluene	1040	---	50.0	ug/kg wet	50	1000	---	104	80 - 120%	---	---	---
Ethylbenzene	1070	---	25.0	ug/kg wet	50	1000	---	107	80 - 120%	---	---	---
Xylenes, total	3150	---	75.0	ug/kg wet	50	3000	---	105	80 - 120%	---	---	---
<i>Surr: 1,4-Difluorobenzene (Surr)</i>		<i>Recovery: 103 %</i>		<i>Limits: 80-120 %</i>		<i>Dilution: 1x</i>						
<i>Toluene-d8 (Surr)</i>		<i>104 %</i>		<i>80-120 %</i>		<i>"</i>						
<i>4-Bromofluorobenzene (Surr)</i>		<i>93 %</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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BB&A Environmental - Eugene	Project: 29th and Willamette	
PO Box 40187	Project Number: TO08DEC.24UC	Report ID:
Eugene, OR 97404	Project Manager: Matthew Luczak	A5D1807 - 05 14 25 1500

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 25D1212 - Dry Weight Prep (EPA 8000D)						Soil						
Duplicate (25D1212-DUP1)		Prepared: 04/30/25 11:44 Analyzed: 05/01/25 05:17										
QC Source Sample: TO08-DISP-NE-3' (A5D1807-01)												
EPA 8000D												
% Solids	72.6	---	1.00	%	1	---	72.5	---	---	0.06	10%	

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BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5D1807 - 05 14 25 1500
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SAMPLE PREPARATION INFORMATION

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

Prep: EPA 5035A					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 25D1091</u>							
A5D1807-02	Soil	NWTPH-Gx (MS)	04/24/25 12:20	04/24/25 12:20	4.84g/5mL	5g/5mL	1.03
A5D1807-04	Soil	NWTPH-Gx (MS)	04/24/25 12:15	04/24/25 12:15	8.72g/8.5mL	5g/5mL	0.98
<u>Batch: 25D1145</u>							
A5D1807-01RE1	Soil	NWTPH-Gx (MS)	04/24/25 12:25	04/24/25 12:25	5.02g/5mL	5g/5mL	1.00
A5D1807-03RE1	Soil	NWTPH-Gx (MS)	04/24/25 12:05	04/24/25 12:05	10.31g/10.5mL	5g/5mL	1.02
A5D1807-05RE1	Soil	NWTPH-Gx (MS)	04/24/25 12:35	04/24/25 12:35	5.92g/5mL	5g/5mL	0.85
A5D1807-06RE1	Soil	NWTPH-Gx (MS)	04/24/25 11:55	04/24/25 11:55	8.75g/8.5mL	5g/5mL	0.97

BTEX Compounds by EPA 8260D

Prep: EPA 5035A					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 25D1091</u>							
A5D1807-01	Soil	5035A/8260D	04/24/25 12:25	04/24/25 12:25	5.02g/5mL	5g/5mL	1.00
A5D1807-02	Soil	5035A/8260D	04/24/25 12:20	04/24/25 12:20	4.84g/5mL	5g/5mL	1.03
A5D1807-03	Soil	5035A/8260D	04/24/25 12:05	04/24/25 12:05	10.31g/10.5mL	5g/5mL	1.02
A5D1807-04	Soil	5035A/8260D	04/24/25 12:15	04/24/25 12:15	8.72g/8.5mL	5g/5mL	0.98
A5D1807-05	Soil	5035A/8260D	04/24/25 12:35	04/24/25 12:35	5.92g/5mL	5g/5mL	0.85
<u>Batch: 25D1145</u>							
A5D1807-06RE1	Soil	5035A/8260D	04/24/25 11:55	04/24/25 11:55	8.75g/8.5mL	5g/5mL	0.97

Percent Dry Weight

Prep: Dry Weight Prep (EPA 8000D)					Sample	Default	RL Prep
Lab Number	Matrix	Method	Sampled	Prepared	Initial/Final	Initial/Final	Factor
<u>Batch: 25D1212</u>							
A5D1807-01	Soil	EPA 8000D	04/24/25 12:25	04/30/25 11:44	1g	1g	1.00
A5D1807-02	Soil	EPA 8000D	04/24/25 12:20	04/30/25 11:44	1g	1g	1.00
A5D1807-03	Soil	EPA 8000D	04/24/25 12:05	04/30/25 11:44	1g	1g	1.00
A5D1807-04	Soil	EPA 8000D	04/24/25 12:15	04/30/25 11:44	1g	1g	1.00
A5D1807-05	Soil	EPA 8000D	04/24/25 12:35	04/30/25 11:44	1g	1g	1.00
A5D1807-06	Soil	EPA 8000D	04/24/25 11:55	04/30/25 11:44	1g	1g	1.00

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BB&A Environmental - Eugene PO Box 40187 Eugene, OR 97404	Project: 29th and Willamette Project Number: TO08DEC.24UC Project Manager: Matthew Luczak	Report ID: A5D1807 - 05 14 25 1500
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QUALIFIER DEFINITIONS

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

Apex Laboratories

Q-29 Recovery for Lab Control Spike (LCS) is above the upper control limit. Data may be biased high.

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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 (BB&A Environmental - Eugene), Project (29th and Willamette), and Report ID (A5D1807 - 05 14 25 1500).

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.

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Decanted Samples:

Soils/Sediments:

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

Water Samples:

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

Volatiles Soils (5035s)

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

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

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LABORATORY ACCREDITATION INFORMATION

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

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

Apex Laboratories

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

Secondary Accreditations

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

Subcontract Laboratory Accreditations

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

Field Testing Parameters

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

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503-718-2323
ORELAP ID: OR100062

BB&A Environmental - Eugene Project: **29th and Willamette** **Report ID:**
PO Box 40187 Project Number: **TO08DEC.24UC** **A5D1807 - 05 14 25 1500**
Eugene, OR 97404 Project Manager: **Matthew Luczak**

CHAIN OF CUSTODY

Lab # 4948.25E Project # TO08DEC.24UC COC 1 OF 1
A5D1807 Email: mluczak@bbaenv.com

Company: BB&A Environmental Project Name: 29th and Willamette Project # TO08DEC.24UC
 Address: 32986 Roberts Court, Eugene, Oregon 97408 Phone: (541) 484-9484 Fax: (541) 484-4188

Sampled by: Matthew Luczak

LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-DX	NWTPH-GX+BTEX	8260 Halo VOCs	8260 RBDM VOCs	8260 VOCs (Full List)	8270 SIM PAHs	8082 PCBs	Chlor. Pest 8081B	RCRA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Cr, Cu, Co, Ni, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn	TCLP Metals (8)	1200-COLS	1200-Z	Phosph. Pest 8270(GS/MS)	Chlor. Herb GC/CD	Total Lead	Total Arsenic	5035 Extract & Hold
TO08-DISP-NE-3'	4/24/2025	12:25	S	3		X																		
TO08-DISP-SE-3'	4/24/2025	12:20	S	3		X																		
TO08-DISP-NW-3'	4/24/2025	12:05	S	3		X																		
TO08-DISP-SW-3'	4/24/2025	12:15	S	3		X																		
TO08-PL-NE-2.5'	4/24/2025	12:35	S	3		X																		
TO08-PL-NE-2.5'	4/24/2025	11:55	S	3		X																		

Normal Turn Around Time (TAT) = 5-10 Business Days

TAT Requested (circle): 24 HR 48 HR 72 HR 4 DAY 5 DAY Other: _____

SPECIAL INSTRUCTIONS: SEND DRAFT RESULTS TO MATTHEW LUCZAK

RELINQUISHED BY: Signature: <u>Matthew Luczak</u> Printed Name: <u>Matthew Luczak</u> Company: <u>BB&A Environmental</u>	RECEIVED BY: Signature: <u>[Signature]</u> Printed Name: <u>[Name]</u> Company: <u>[Company]</u>
RELINQUISHED BY: Signature: _____ Printed Name: _____ Company: _____	RECEIVED BY: Signature: _____ Printed Name: _____ Company: _____

Apex Laboratories

Darrell Auvil, Client Services Manager

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



ANALYTICAL REPORT

AMENDED REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

BB&A Environmental - Eugene

PO Box 40187

Eugene, OR 97404

Project: **29th and Willamette**

Project Number: **TO08DEC.24UC**

Project Manager: **Matthew Luczak**

Report ID:

A5D1807 - 05 14 25 1500

APEX LABS COOLER RECEIPT FORM

Client: BB&A Environmental Element WO#: A5D1807

Project/Project #: 29th and Willamette TO08DEC.24UC

Delivery Info:

Date/time received: 4/25/25 @ 1157 By: JS

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

From USDA Regulated Origin? Yes No

Cooler Inspection Date/time inspected: 4/25/25 @ 1200 By: JS

Chain of Custody included? Yes No

Signed/dated by client? Yes No

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

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	<u>1.0</u>						
Custody seals? (Y/N)	<u>Y</u>						
Received on ice? (Y/N)	<u>Y</u>						
Temp. blanks? (Y/N)	<u>N</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: 4/25/25 @ 1212 By: JA

All samples intact? Yes No Comments: _____

Bottle labels/COCs agree? Yes No Comments: 4oz jar reads TO08-DISP-NW for CO08-DISP-NW-3', matched by P. Cont. reads TO08-PL-NW-2.5' for TO08-PL-NE-2.5' matched by P @ 1155.

COC/container discrepancies form initiated? Yes No

Containers/volumes received appropriate for analysis? Yes No Comments: 1/2 MeOH has little to no MeOH for TO08-DISP-NW-3'.

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: _____

8807 9157 5288

Labeled by: JA

Witness: [Signature]

Cooler Inspected by: JA

Form Y-003 R-02

[Signature]

ATTACHMENT D

Photo Log

Attachment D – Photo Log



Top Left Photo taken facing northeast showing the area above the USTs.

Top Right Photo taken facing east and Middle Left Photo taken facing northwest showing the uncovered USTs during excavation.

Middle Right Photo taken facing southwest showing the excavation after the tanks were removed.

Bottom Left and Bottom Right Photos showing the tanks labeled and blocked to prevent movement.

Attachment D – Photo Log



Top Left Photo taken facing north showing the former dispenser island and area above product piping.

Top Right Photo taken facing north showing the locations of the Southeast (bottom of image) and Northeast (top of image) former dispensers and product lines.

Bottom Left Photo taken facing south showing the locations of the Northwest (bottom of image) and Southwest (top of image) former dispensers and product lines.

Bottom Right Photo taken facing west showing the product lines running from the location of the former USTs (top of image) to the former dispensers. The piping ran east from the tanks, made a turn to the south to connect to the western dispensers (middle of image), and also continued running east then made a turn to the south to connect to the eastern dispensers (bottom of image).