ADDITONAL SITE CHARACTERIZATION AND GROUNDWATER MONITORING REPORT

CIRCLE K #2709633
2834 HIGHWAY 99 WEST
McMINNVILLE, OREGON 97128

ODEQ Facility #2301
ODEQ PROJECT #36-24-0547

Prepared for:

CIRCLE K STORES INC.
1100 SITUS COURT, SUITE 100
RALEIGH, NORTH CAROLINA 27606

Prepared by:

BLAES ENVIRONMENTAL MANAGEMENT, INC.
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PROJECT #219-9633-03

DECEMBER 16, 2024

This *Additional Site Characterization and Groundwater Monitoring Report* has been prepared by Blaes Environmental Management, Inc., for the use of Circle K Stores Inc. and Oregon Department of Environmental Quality as it pertains to the commercial side of the Circle K #2709633 facility located at 2835 Highway 99 West in McMinnville, Oregon. Our professional services have been performed using that degree of care and skill ordinarily exercised under similar circumstances by other geologists, engineers, and environmental consultants practicing in this field. No other warranty, express or implied, is made as to the professional advice in this report. *Any use of or reliance on this report by a third party shall be at such a party's sole risk.*

Blaes Environmental Management, Inc. can offer no assurances and assumes no responsibility for site conditions or activities outside the scope of the inquiry requested by Circle K Stores Inc, as outlined in this document. It should be understood by all parties that Blaes Environmental Management, Inc. has relied on the accuracy of documents, oral information, and other materials, services, and information provided by Circle K Stores Inc., and other associated parties.

Sincerely,
Blaes Environmental Management, Inc.

Daniel M. Blaes, R.G.
President/Principal Geologist
Washington Geologist/Hydrogeologist #2158

Blaes Environmental Management, Inc.

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Senior Geologist
Oregon Registered Geologist #G1986

Blaes Project #219-9633-03

December 16, 2024

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1.0 INTRODUCTION

Blaes Environmental Management, Inc. (Blaes Environmental), on behalf of Circle K Stores Inc. (Circle K) has prepared this *Additional Groundwater Monitoring and Sampling Report* for the commercial side of Circle K #2709633 located at 2835 Highway 99 West in McMinnville, Oregon (Figure 1). The report presents a description of the environmental activities and findings of an additional site characterization program and an additional groundwater monitoring and sampling event at the site. The site characterization program was conducted in November 2024 and the additional groundwater sampling event was conducted in December 2024.

1.1 OBJECTIVES OF THE PROGRAM

The objectives of the additional programs discussed within this report were to: (1) determine the full estimated lateral extent of petroleum hydrocarbons in the groundwater on and off the Circle K property, (2) to determine the larger groundwater flow direction in the vicinity of the site, and (3) to evaluate the laboratory concentrations of the petroleum hydrocarbon constituents in the groundwater on and off site. The additional site characterization and additional groundwater sampling event follows two previous groundwater sampling events at the site after an extensive soil remediation effort associated with the gasoline surface spill that occurred on July 24, 2024 on both the Circle K and Wilco properties.

1.2 SCOPE OF THE PROGRAM

The scope of work for the additional site characterization program involved drilling four more groundwater monitoring wells on the Wilco property (offsite) and one monitoring well within the pea gravel backfill on the Circle K property. During drilling, soil samples were collected from each well location for laboratory analyses. Following the well installation, each newly installed groundwater well was developed and surveyed to allow representative groundwater sampling.

The scope of work for the additional groundwater monitoring and sampling event consisted of: (1) gauging groundwater to determine both the depth to groundwater and the groundwater elevation in all of the available onsite and offsite wells associated with the subject case; (2) limited purging of select groundwater monitoring wells; and (3) collecting groundwater samples from monitoring wells that could determine the hydrocarbon plume extent. The following sections detail the most recent environmental tasks conducted at the site.

2.0 ADDITIONAL SITE CHARACTERIZATION PROGRAM

2.1 ADDITIONAL GROUNDWATER MONITORING WELL INSTALLATION

On November 14, 2024, Blaes Environmental in conjunction with BB&A Drilling, conducted an additional groundwater subsurface investigation on the Circle K and Wilco properties. A description of the groundwater well installation, soil sampling from the soil borings, well development and revised well survey program is discussed in the following sections. A site plan showing the location of structures on the Circle K and Wilco properties is presented in Figure 2. A site vicinity map showing the location of the subject site relative to surrounding properties is presented as Figure 3.

2.1.1 Drilling and Well Installation MW-7 Through MW-11

During the drilling event on November 14, 2024, BB&A drilled a total of five additional direct push soil borings at the site. Four of the soil borings (MW-8, MW-9, MW-10, and MW-11) were drilled to a depth of approximately 20 feet bgs on the Wilco property. The fifth soil boring (MW-7) was drilled in the pea gravel backfill of the commercial tank zone to a depth of approximately 15 feet bgs on the Circle K property.

Each boring was advanced using a Geoprobe drilling rig equipped with direct push rods. During drilling, acetate sleeves were inserted into the push rods to collect a continuous soil core as the rods were advanced into the subsurface. As the boring advanced into the ground, each 5-foot section of soil core was brought to the ground surface for sampling, observation, and classification. The drilling field notes are presented in Appendix A.

Following the drilling of the soil borings, each boring was converted into a pre-packed groundwater monitoring well. The location of each groundwater monitoring well is shown in Figure 4. The lithologic logs from the borings/wells are presented in Appendix B.

2.1.2 Soil Sampling and Laboratory Analyses

At the ground surface, following retrieval of the soil core, Blaes Environmental took samples at various depths within boring core from MW-8, MW-9, MW-10, and MW-11 for lab analyses. Each soil sample from borings MW-8 through MW-11 was collected by pushing the soil sample plunger directly into the native soil within the core at the desired depth. Each soil sample was preserved in the field using a methanol extraction kit and vials supplied by the analytical laboratory in accordance with 5035 sampling methodology. In addition, a glass jar was used to collect a portion of each sample for laboratory moisture to calibrate the analyses. All of the sample containers were properly sealed, labeled, and immediately placed in a cooler containing ice for transport to the analytical laboratory. A separate portion of each soil sample was placed into a plastic bag and field screened for VOCs using

a Mini-Rae 3000+ PID. The PID readings from the borings are shown in Table 1. No soil samples were collected from boring MW-7 since it was drilled entirely into the pea gravel north of the UST zone.

The soil samples from the boring/well locations were submitted under proper chain-of-custody to Specialty Analytical. Each soil sample was analyzed for VOCs using method 8260 and for Total Petroleum Hydrocarbons using method NWTPH-Gx and NWTPH-Dx. The soil sample laboratory results are displayed in Table 1. The laboratory reports of the soil samples from the soil borings are included in Appendix C.

2.1.3 Well Development and Purging

On November 15, 2024, each of the additional groundwater monitoring wells MW-8 through MW-11 were surged with a development tool by BB&A Drilling company. Following the surging, each well was purged to remove a large part of the sediment within the well casing during the development process. Note: during the purging, each well went dry after extracting only about 1.5 to 2 gallons of water. Then over the course of an hour, approximately 1-gallon of groundwater would recharge into each well. Well MW-8 appeared to recharge slightly faster than the other wells. As mentioned in a previous report, Blaes Environmental believes that groundwater occurs within one or several thin horizontal and possibly laterally continuous more permeable lenses between less permeable clayey silt lithologic zones. That is likely why very little water can be recovered from each well at any one time and why it takes a significant amount of time to recharge.

2.1.4 Additional Well Survey

On November 15, 2024, Leland MacDonald & Associates LLC completed an update of the level survey of all wells that were then tied to a benchmark. The well survey determined the elevation of the ground surface and the elevation of each uncapped groundwater monitoring well casing. The updated well survey report is presented in Appendix F.

3.0 GROUNDWATER MONITORING AND SAMPLING

3.1 ADDITIONAL GROUNDWATER SAMPLE EVENT

In December 2024, Blaes Environmental performed an additional groundwater monitoring and sampling event at the site. A discussion of the activities is presented as follows. A site plan showing the position of the groundwater monitoring wells used during the sampling event is presented as Figure 4.

3.1.1 Groundwater Sampling

The groundwater monitoring and sampling event was conducted on December 1, 2024 and December 2, 2024. During the event, Blaes Environmental measured the depth to groundwater within the monitoring wells to the nearest 0.01 foot using a water measurement probe. The groundwater depths were measured relative to a reference datum (the top of the well casing) to the groundwater surface. The probe was decontaminated with a Liquinox™ and tap water wash before and after use at each well. The groundwater depths recorded during the December 2024 monitoring event ranged from approximately 4.66 feet below top of casing (btoc) in monitoring well MW-4 to approximately 7.90 feet btoc in monitoring well MW-5. The depth to groundwater was used along with the top of casing survey to determine the elevation of the groundwater surface at each well location. The average groundwater elevation recorded during the December 2024 monitoring event was 154.00 feet above mean sea level.

The depth to groundwater and corresponding groundwater elevation for the wells is presented in Table 2. The onsite groundwater gradient and flow direction from both sampling events are shown in Figures 5A and 5B. The hydrograph of groundwater elevations is presented in Figure 6.

During the sampling events, all groundwater monitoring wells did not have enough water present in the well to conduct low-flow sampling procedures. Instead, all wells were purged with a well-specific disposable bailer prior to sampling. Following purging, a groundwater sample was collected from each well using the same dedicated bailer. The groundwater field sheets for the sampling event are presented in Appendix D.

3.1.2 Groundwater Sample Laboratory Analyses

During the groundwater sampling event, each groundwater sample was placed into laboratory-supplied sample containers. The sample containers were sealed with teflon-lined caps, labeled, and placed on ice in a cooler. A written record of each sample was entered onto a chain-of-custody record for transport to Specialty Analytical in Clackamas, Oregon. The groundwater samples were analyzed for NWTPH-Gx, NWTPH-Dx, NWTPH-O and VOCs,

including BTEX. The results of the groundwater lab analyses are shown in Table 3. The groundwater laboratory report from the December 2024 sampling event is presented in Appendix E.

3.1.3 Waste Profiling and Disposal

Groundwater purged from the groundwater monitoring wells during past sampling events was placed into a 55-gallon DOT-rated drum and staged at the site for disposal. On December 2, Graymar extracted the water from the drum and transported the water waste, along with other hazardous waste from the site to Orrco disposal facility near Portland, Oregon. Documentation of the event is pending from Graymar.

3.1.4 Extent of Hydrocarbons in Groundwater

The groundwater sample results from the December 2024 sampling event confirmed that the lateral extent of petroleum hydrocarbons (both gasoline and diesel fuel) are now defined and remain on the combination of the Circle K and Wilco properties. The extent of gasoline impact from the recent spill appears to be localized around the UST zone and seen in wells MW-6 and MW-7. The gasoline release plume appears to be wholly inset within the historical diesel fuel release plume. The estimated extent of gasoline and historic diesel fuel in the groundwater is shown in Figure 7.

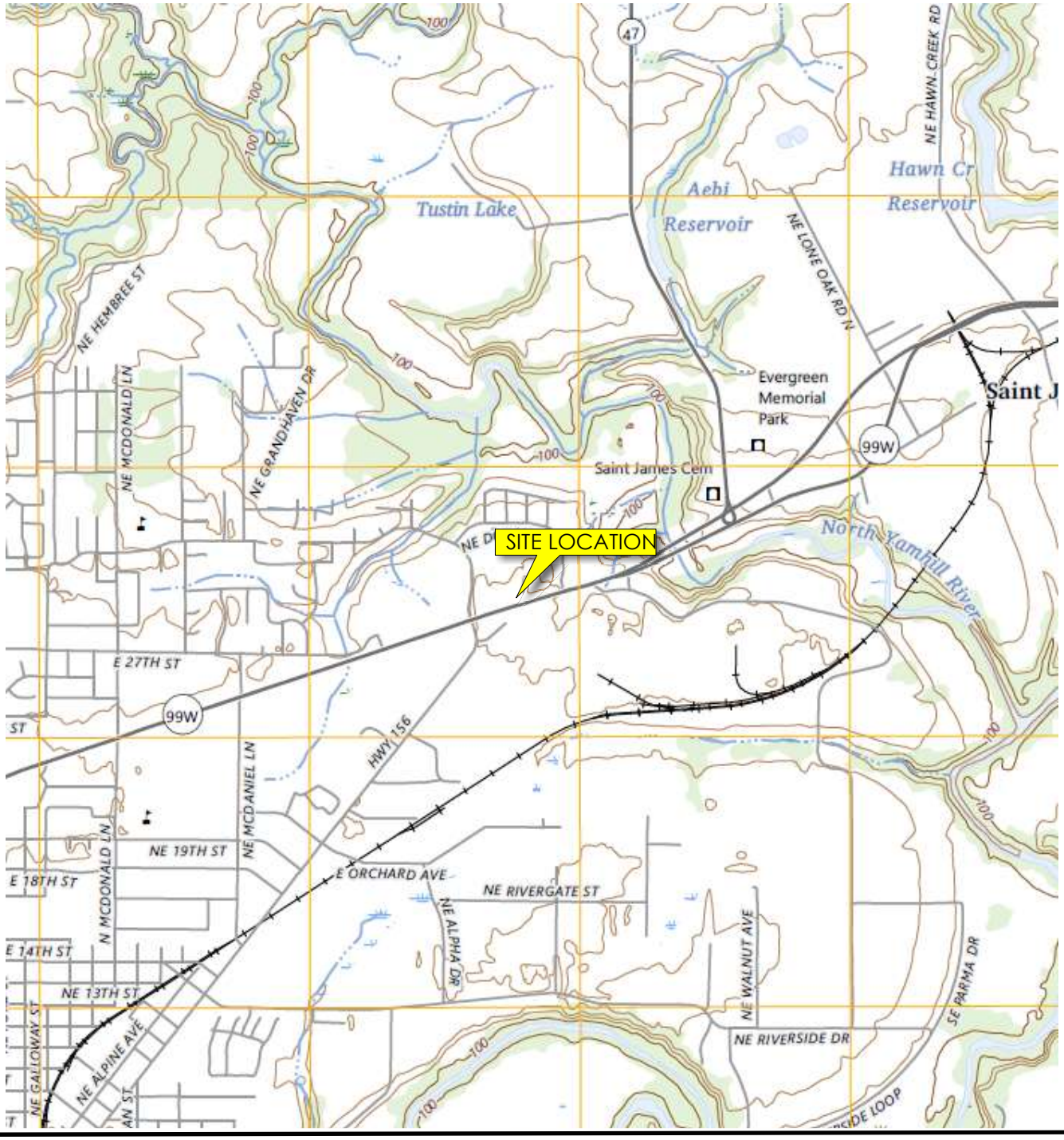
3.1.5 LPH and Groundwater Removal from Well MW-7

On December 5, 2024, Graymar utilized a vacuum truck and extracted approximately 3,000 gallons of Liquid Phase Hydrocarbons (LPH) and groundwater from well MW-7 in an attempt to mitigate the impact for the fuel spill within the tank zone pea gravel. The waste was transported to Oil Re-Refining Company (Orrco) facility for disposal. Documentation of the event is presented in Appendix G.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the field and laboratory data from the environmental site investigations and groundwater sampling events conducted at the site, the full vertical and lateral extent of petroleum hydrocarbons in soil and groundwater has been determined at the site. Blaes Environmental recommends an evaluation of the remediation alternatives for the gasoline release and continued groundwater sampling events in 2025.

FIGURES



Source: USGS - McMinnville Quadrangle, 7.5 Minute Topographic Series, 2023

QUADRANGLE LOCATION

Approximate Scale
1:24,000
1 inch = 2000 feet

0 1000 2000 3000 4000

Contour Interval = 20 feet

SITE LOCATION: T4S, R4W, Section 10
45° 13' 48" North Latitude; 123° 10' 08" West Longitude

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Couche-Tard
Circle K Stores, Inc.

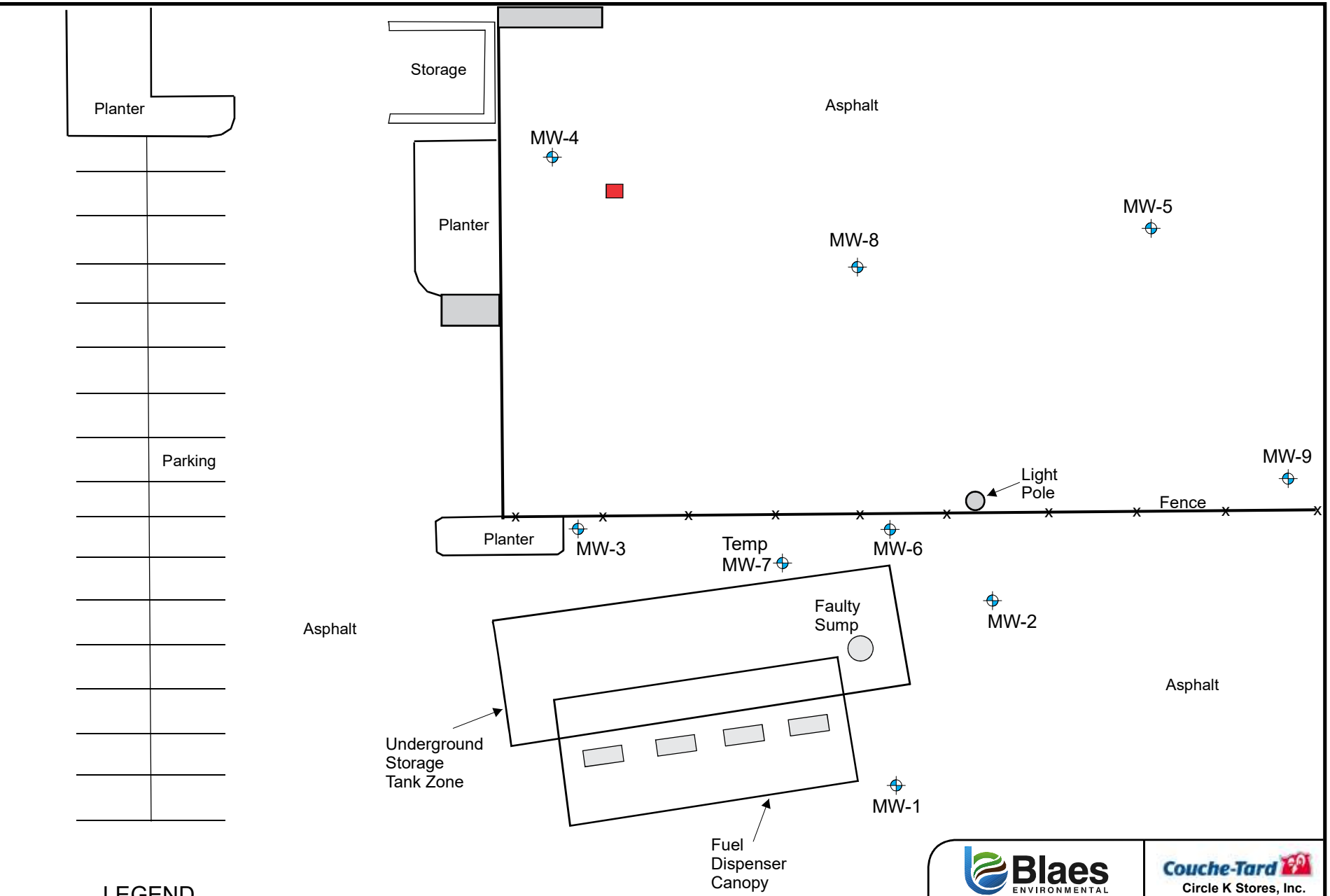
Circle K Store #2709633
2835 Highway 99 West
Mcminnville, Oregon

SITE LOCATION MAP

August 2024 | Project # 219-09633-02

P:\Blaes - Technical\219 Circle K - Oregon\2709633 McMinnville OR\219-00001-02 Surface Spills\1 - Spill 7-24-24\Figures

Figure 1



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Couche-Tard
Circle K Stores, Inc.

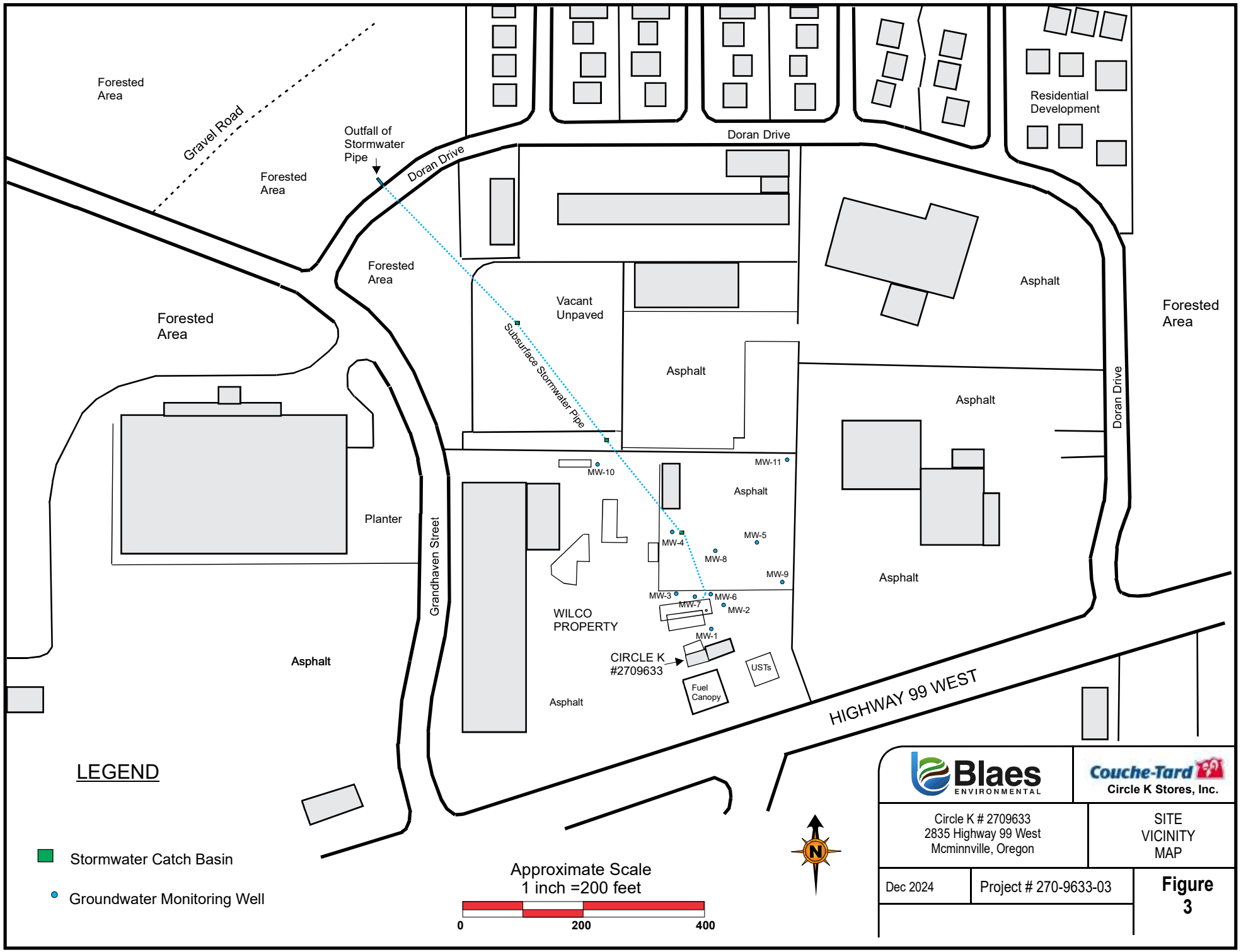
Circle K # 2709633
2835 Highway 99 West
Mcminnville, Oregon

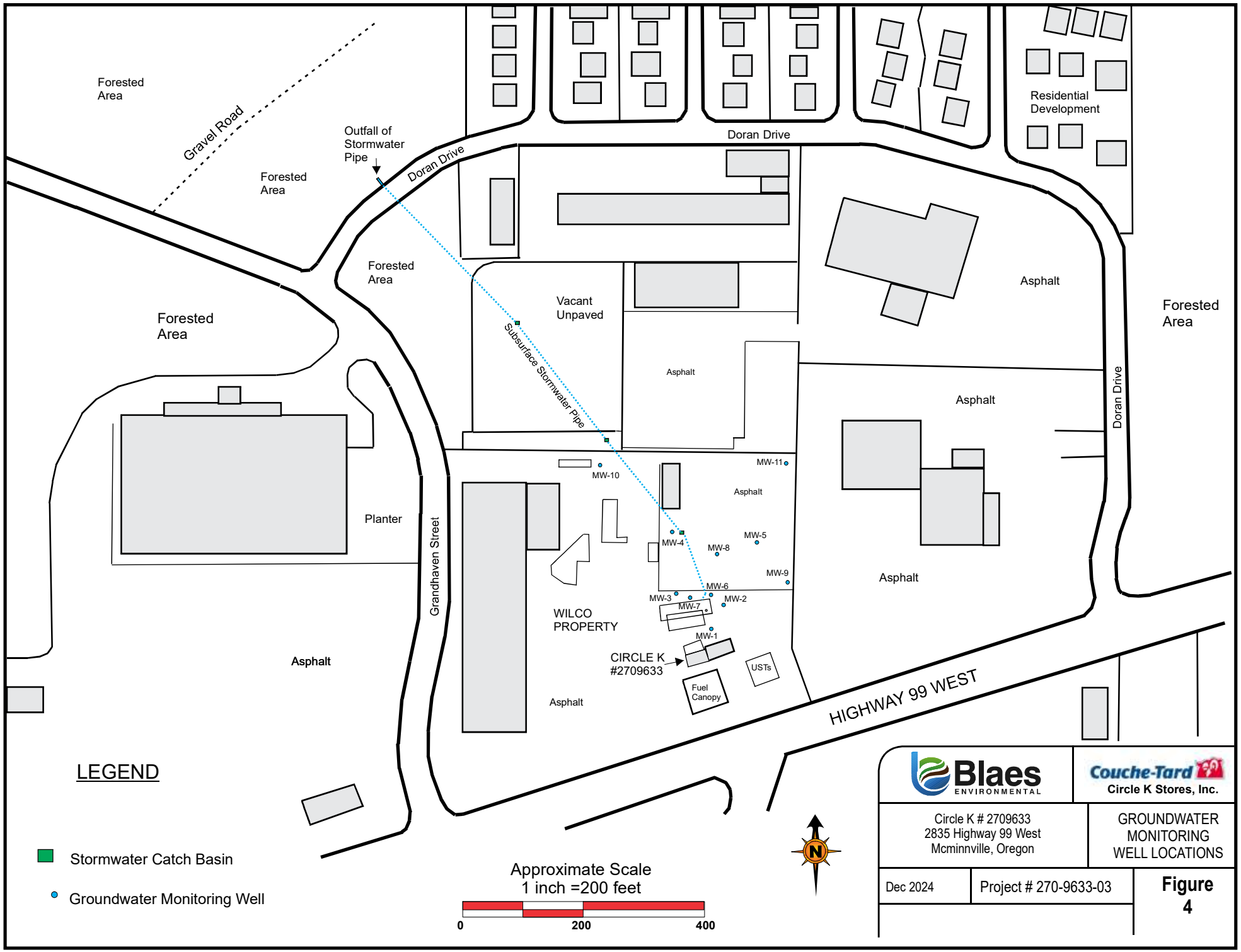
SITE PLAN

Dec 2024

Project # 270-9633-03

Figure 2


Forested Area
Gravel Road
Outfall of Stormwater Pipe
Doran Drive
Forested Area
Doran Drive
Residential Development
Forested Area
Vacant Unpaved
Asphalt
Forested Area
Forested Area
Subsurface Stormwater Pipe
Asphalt
Asphalt
Doran Drive
Forested Area
MW-11
MW-10
Asphalt
Planter
MW-5
MW-4
MW-8
MW-9
Grandhaven Street
MW-3
MW-6
MW-7
MW-2
WILCO PROPERTY
MW-1
CIRCLE K #2709633
USTs
Fuel Canopy
Asphalt
Asphalt
HIGHWAY 99 WEST
LEGEND
Stormwater Catch Basin
Groundwater Monitoring Well
Approximate Scale
1 inch =200 feet
0
200
400
N
Blaes ENVIRONMENTAL
Couche-Tard
Circle K Stores, Inc.
Circle K # 2709633
2835 Highway 99 West
Mcminnville, Oregon
SITE VICINITY MAP
Dec 2024
Project # 270-9633-03
Figure 3


Forested Area
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Forested Area
Vacant Unpaved
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Stormwater Catch Basin
Groundwater Monitoring Well
Approximate Scale
1 inch =200 feet
0
200
400
N
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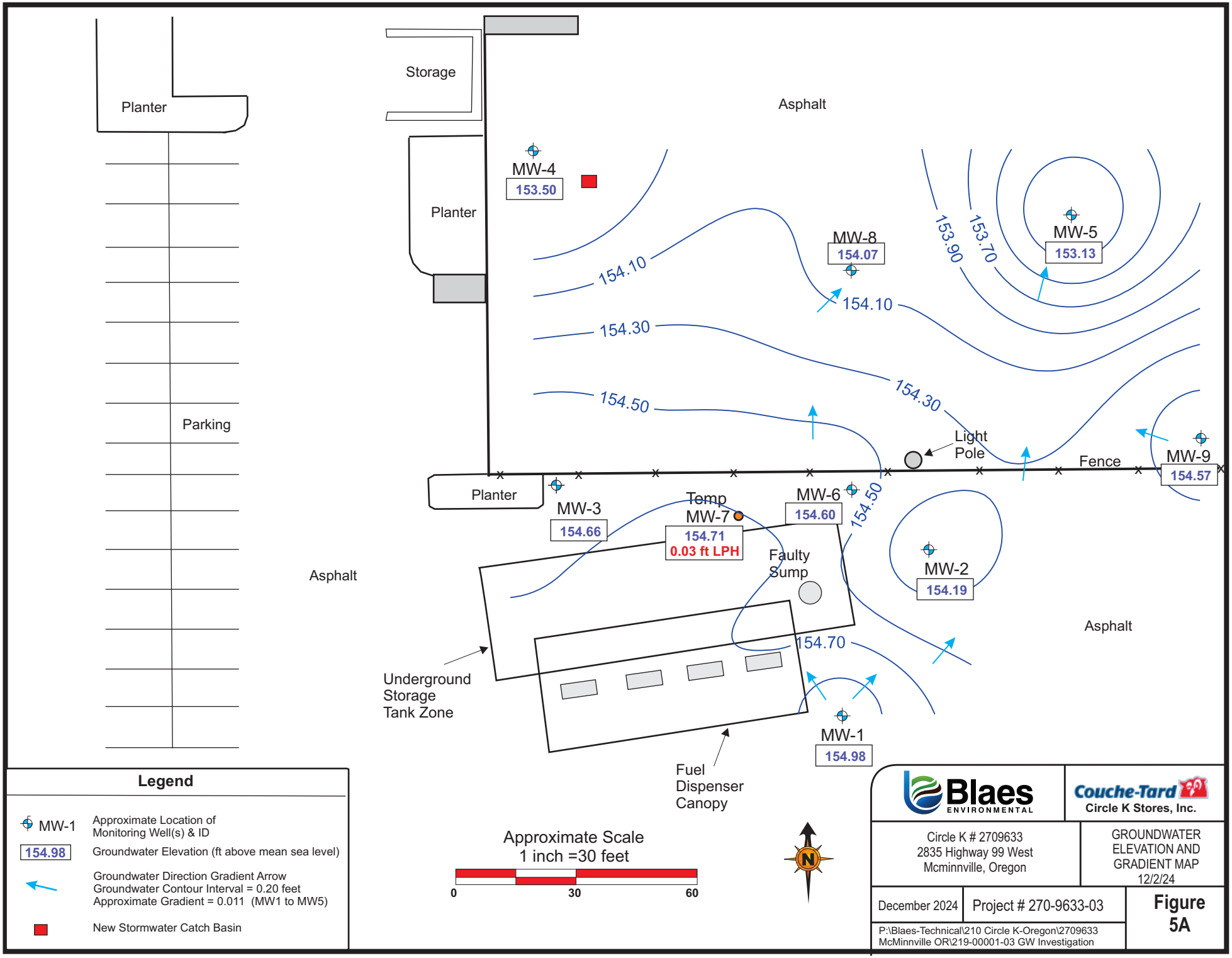
Circle K Stores, Inc.
Circle K # 2709633
2835 Highway 99 West
Mcminnville, Oregon
GROUNDWATER MONITORING WELL LOCATIONS
Dec 2024
Project # 270-9633-03
Figure 4


Planter
Storage
Asphalt
MW-4
153.50
Planter
MW-8
154.07
MW-5
153.13
154.10
154.30
154.50
153.90
153.70
154.10
154.30
Parking
Light
Pole
Fence
MW-9
154.57
Planter
MW-3
154.66
Temp
MW-7
154.71
0.03 ft LPH
MW-6
154.60
154.50
Faulty
Sump
MW-2
154.19
Asphalt
Asphalt
154.70
Underground
Storage
Tank Zone
MW-1
154.98
Fuel
Dispenser
Canopy
Legend
MW-1
Approximate Location of Monitoring Well(s) & ID
154.98
Groundwater Elevation (ft above mean sea level)
Groundwater Direction Gradient Arrow
Groundwater Contour Interval = 0.20 feet
Approximate Gradient = 0.011 (MW1 to MW5)
New Stormwater Catch Basin
Approximate Scale
1 inch =30 feet
0
30
60
N
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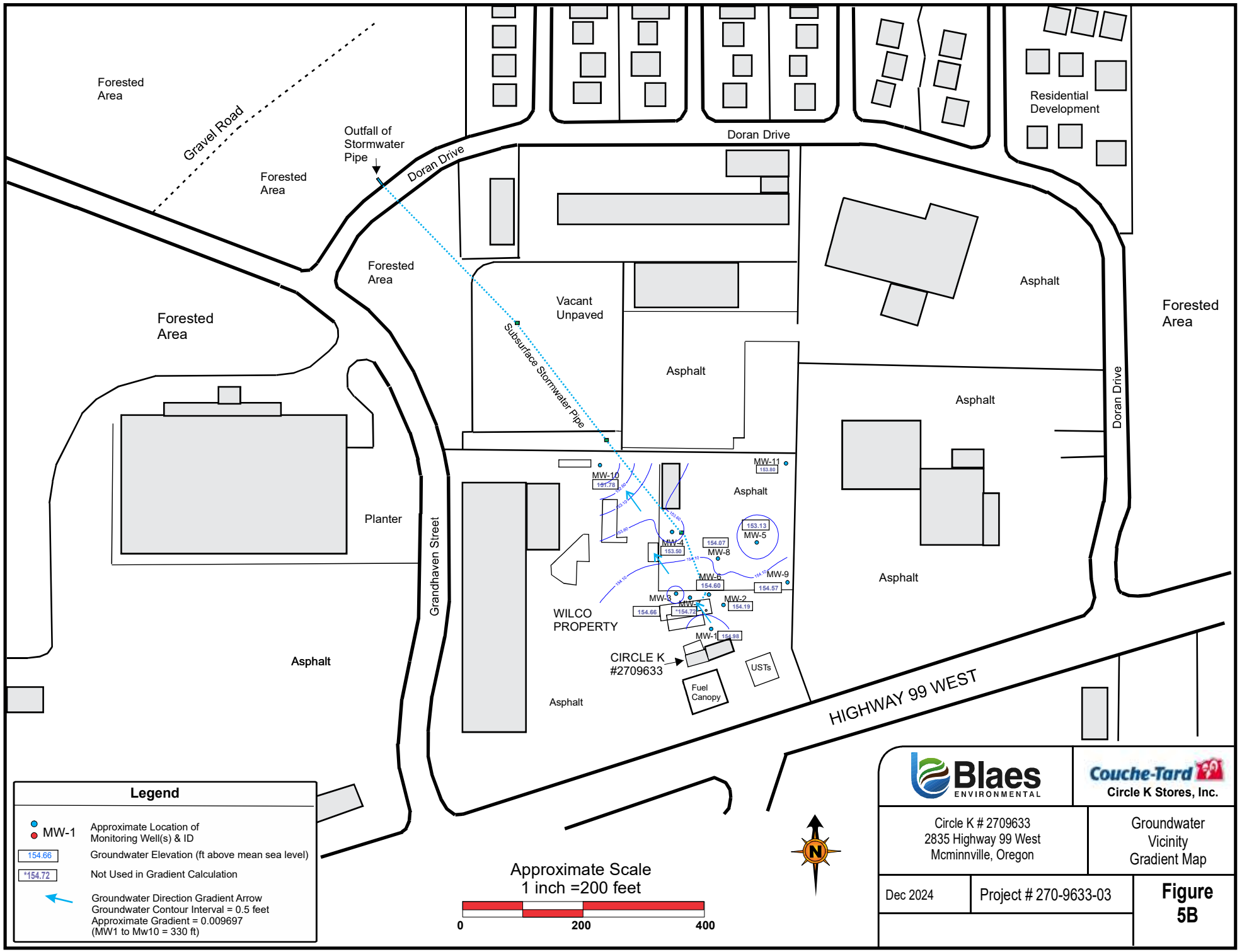
Couche-Tard
Circle K Stores, Inc.
Circle K # 2709633
2835 Highway 99 West
Mcminnville, Oregon
GROUNDWATER ELEVATION AND GRADIENT MAP
12/2/24
December 2024
Project # 270-9633-03
Figure 5A
P:\Blaes-Technical\210 Circle K-Oregon\2709633 McMinnville OR\219-00001-03 GW Investigation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Asphalt
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Asphalt
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Forested Area
Asphalt
MW-11
183.80
MW-10
181.78
Asphalt
153.13
MW-5
MW-4
153.50
154.07
MW-8
MW-6
154.60
MW-9
154.57
MW-3
154.66
MW-7
154.72
MW-2
154.19
MW-1
154.98
WILCO PROPERTY
CIRCLE K #2709633
USTs
Fuel Canopy
Asphalt
Planter
Grandhaven Street
Asphalt
HIGHWAY 99 WEST
Legend
MW-1
Approximate Location of Monitoring Well(s) & ID
154.66
Groundwater Elevation (ft above mean sea level)
*154.72
Not Used in Gradient Calculation
Groundwater Direction Gradient Arrow
Groundwater Contour Interval = 0.5 feet
Approximate Gradient = 0.009697
(MW1 to Mw10 = 330 ft)
Approximate Scale
1 inch =200 feet
0
200
400
N
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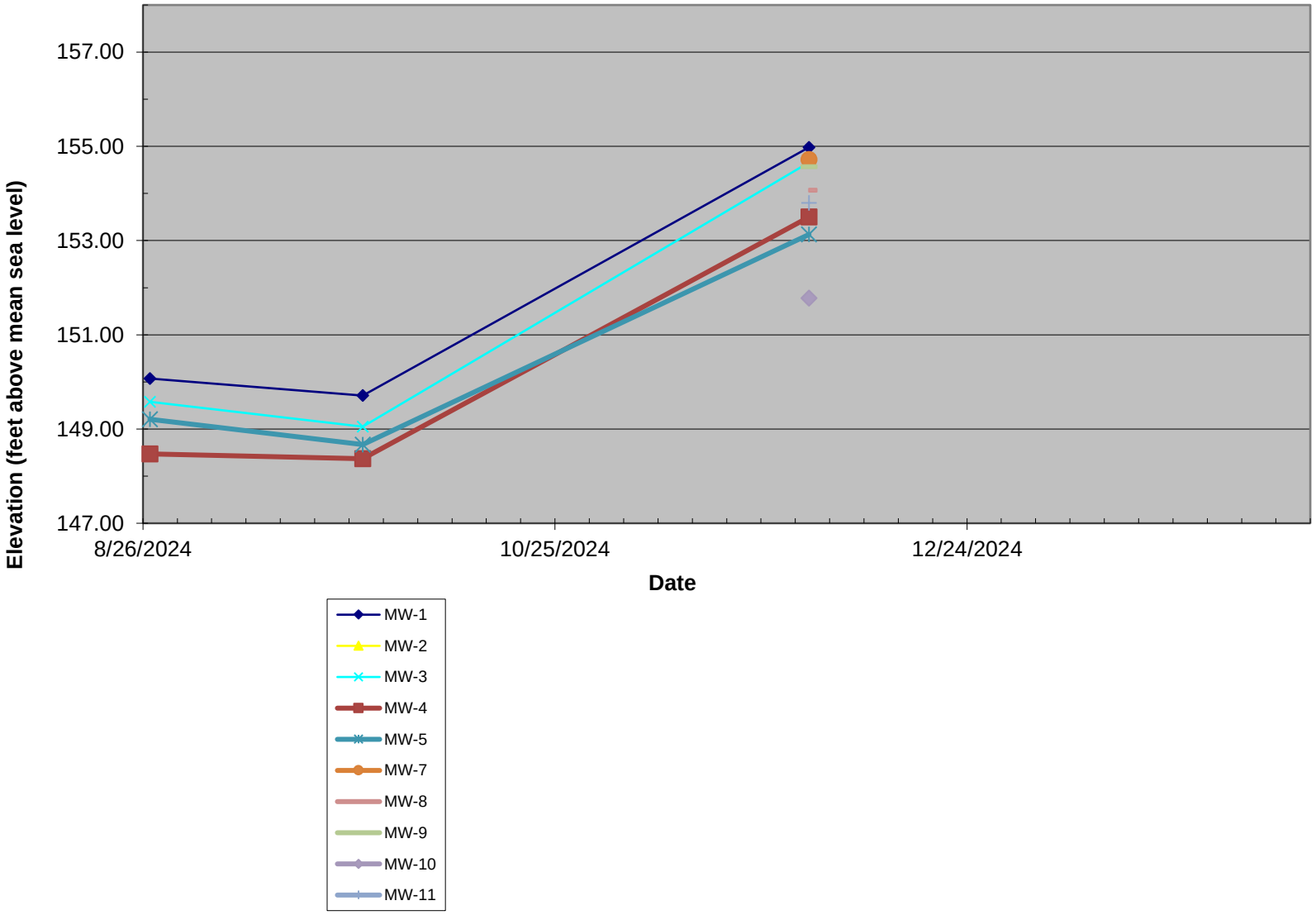
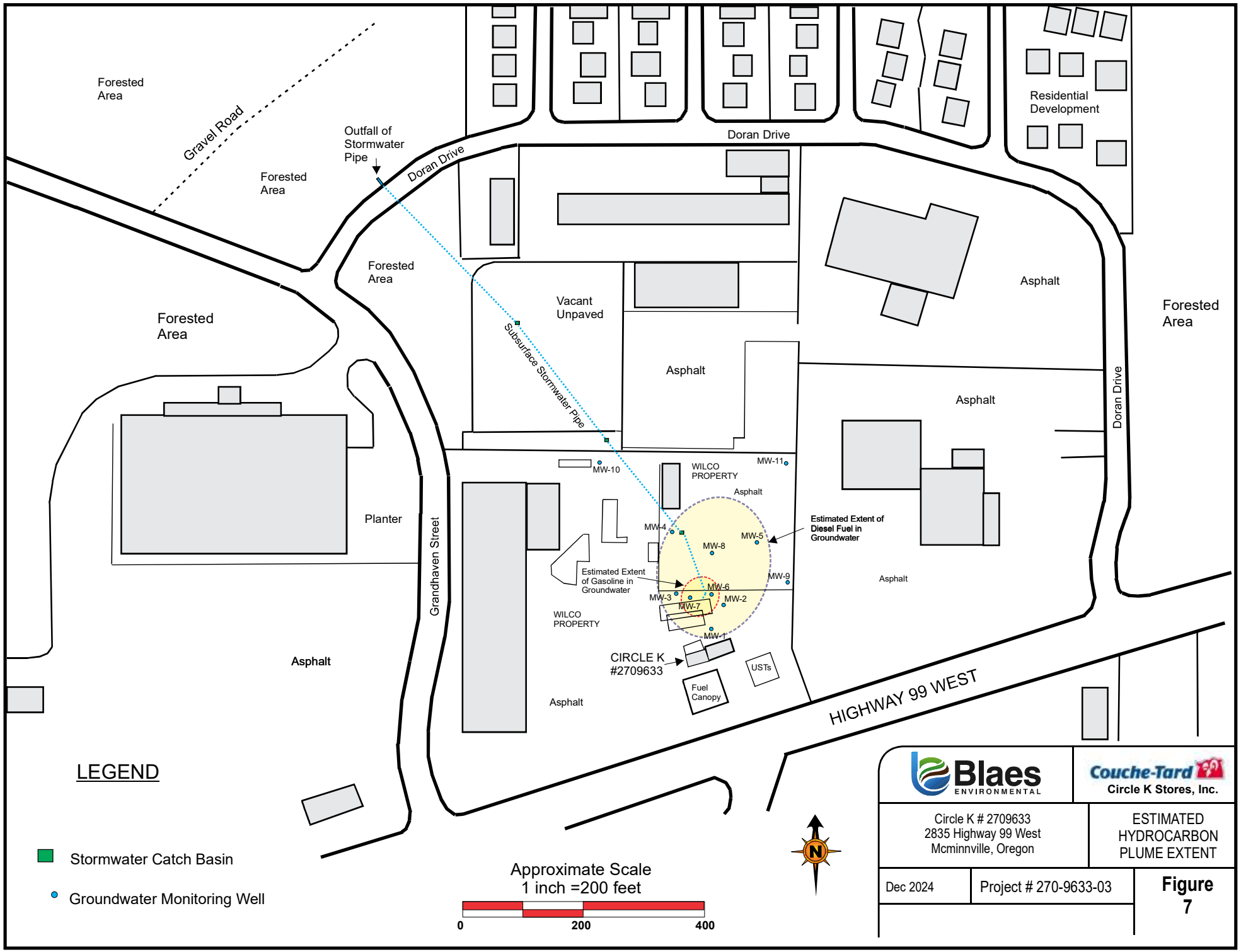
Couche-Tard
Circle K Stores, Inc.
Circle K # 2709633
2835 Highway 99 West
Mcminnville, Oregon
Groundwater Vicinity Gradient Map
Dec 2024
Project # 270-9633-03
Figure 5B

FIGURE 6:
HYDROGRAPH
Circle K #2709633
2835 Highway 99 West, McMinnville, OR

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Forested Area
MW-10
MW-11
WILCO PROPERTY
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Planter
Grandhaven Street
MW-4
MW-5
MW-8
Estimated Extent of Diesel Fuel in Groundwater
Estimated Extent of Gasoline in Groundwater
MW-9
MW-6
MW-3
MW-2
MW-7
WILCO PROPERTY
MW-1
Asphalt
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USTs
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Blaes ENVIRONMENTAL
Couche-Tard
Circle K Stores, Inc.
Circle K # 2709633
2835 Highway 99 West
Mcminnville, Oregon
ESTIMATED HYDROCARBON PLUME EXTENT
Dec 2024
Project # 270-9633-03
Figure 7

TABLES

Table 1
Summary of Soil Sample Laboratory Analytical Results
Circle K Store #2709633
2835 Highway 99 West McMinnville, Oregon

Sample ID	Sample Depth (feet bgs)	Sample Date	Lithology	PID Reading (ppm)	NWTPH-Gx	NWTPH-Dx	NWTPH-O	Volatile Organic Compounds (VOCs) using Method 8260B (mg/kg)															TEL by 8270SIM (mg/kg)
					mg/kg	mg/kg	mg/kg	B	T	E	X	1,2,4-TMB	1,3,5-TMB	MTBE	Naphth-alene	n-Butyl benzene	sec-Butyl benzene	tert-Butyl benzene	Carbon Disulfide	Isopropyl-benzene	n-Propyl benzene	1,2-Dichloro ethane	Remaining VOCs	
Outfall A1	0.1	8/1/2024	ML/CL	0.0	<3.39	NA	NA	<0.0913	<0.0913	<0.0913	<0.0913	<0.0913	<0.0913	<0.903	<0.0913	<0.0913	<0.0913	<0.0913	<0.0913	<0.0913	<0.0913	<0.0913	ND	NA
Outfall A2	0.1	8/1/2024	ML/CL	0.0	<2.58	NA	NA	<0.0595	<0.0595	<0.0595	<0.0595	<0.0595	<0.0595	<0.119	<0.0595	<0.0595	<0.0595	<0.0595	<0.0595	<0.0595	<0.0595	<0.0595	ND	NA
Outfall A3	0.1	8/1/2024	ML/CL	0.0	<3.02	NA	NA	<0.0696	<0.0696	<0.0696	<0.0696	<0.0696	<0.0696	<0.139	<0.0696	<0.0696	<0.0696	<0.0696	<0.0696	<0.0696	<0.0696	<0.0696	ND	NA
Outfall B1	10	7/26/2024	ML/CL	4.2	**6.12**	NA	NA	<0.11	**0.634**	<0.11	<0.11	<0.11	<0.11	>0.22	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	ND	NA
Outfall B2	20	7/27/2024	ML	6.6	**15.1**	NA	NA	<0.0777	<0.0777	<0.0777	<0.155	<0.0777	<0.0777	<0.155	<0.0777	<0.0777	<0.0777	<0.0777	<0.0777	<0.0777	<0.0777	<0.0777	ND	NA
Outfall B3	10	7/27/2024	ML/CL	17.0	**14.7**	NA	NA	<0.0816	<0.0816	<0.0816	<0.163	<0.0816	<0.0816	<0.163	<0.0816	<0.0816	<0.0816	<0.0816	<0.0816	<0.0816	<0.0816	<0.0816	NA	NA
Outfall B4	10	7/27/2024	ML/CL	7.7	**15.8**	NA	NA	<0.0823	<0.0823	<0.0823	<0.165	<0.0823	<0.0823	<0.165	<0.0823	<0.0823	<0.0823	<0.0823	<0.0823	<0.0823	<0.0823	<0.0823	ND	NA
Outfall B5	0.1	8/1/2024	MT/CL	0.0	<2.5	NA	NA	<0.0605	<0.0605	<0.0605	<0.0605	<0.0605	<0.0605	<0.122	<0.0605	<0.0605	<0.0605	<0.0605	<0.0605	<0.0605	<0.0605	<0.0605	ND	NA
WS-1	2	7/27/2024	ML/CL	0.7	**14.4**	<20	<60.5	<0.0622	<0.0622	<0.0622	<0.124	<0.0622	<0.0622	<0.124	<0.0622	<0.0622	<0.0622	<0.0622	<0.0622	<0.0622	<0.0622	<0.0622	ND	NA
WS-2	2	7/27/2024	ML/CL	0.5	**7.21**	<19.8	<59.3	<0.0693	<0.0693	<0.0693	<0.139	<0.0693	<0.0693	<0.139	<0.0693	<0.0693	<0.0693	<0.0693	<0.0693	<0.0693	<0.0693	<0.0693	ND	NA
WS-3	2	7/27/2024	ML/CL	1.1	**5.43**	<19.2	<57.5	<0.0601	<0.0601	<0.0601	<0.120	<0.0601	<0.0601	<0.120	<0.0601	<0.0601	<0.0601	<0.0601	<0.0601	<0.0601	<0.0601	<0.0601	ND	NA
WS-4	2	7/27/2024	ML/CL	7.6	**3.89**	<19	<57	<0.0497	<0.0497	<0.0497	<0.0994	<0.0497	<0.0497	<0.0994	<0.0497	<0.0497	<0.0497	<0.0497	<0.0497	<0.0497	<0.0497	<0.0497	ND	NA
WS-5	2	7/27/2024	ML/CL	0.5	**5.82**	<19.2	<58.2	<0.0619	<0.0619	<0.0619	<0.124	<0.0619	<0.0619	<0.124	<0.0619	<0.0619	<0.0619	<0.0619	<0.0619	<0.0619	<0.0619	<0.0619	ND	NA
WS-6	2	7/28/2024	ML/CL	3.8	**5.61**	**70.1**	**73.1**	<0.0551	<0.0551	<0.0551	<0.110	<0.0551	<0.0551	<0.110	<0.0551	<0.0551	<0.0551	<0.0551	<0.0551	<0.0551	<0.0551	<0.0551	ND	NA
WS-7	2	7/28/2024	ML/CL	1.5	<2.15	NA	NA	<0.0430	<0.0430	<0.0430	<0.0859	<0.0430	<0.0430	<0.0859	<0.0430	<0.0430	<0.0430	<0.0430	<0.0430	<0.0430	<0.0430	<0.0430	ND	NA
WS-8	2	7/28/2024	ML/CL	6.6	<2.54	<19.4	<50.3	<0.0570	<0.0570	<0.0570	<0.101	<0.0570	<0.0570	<0.101	<0.0570	<0.0570	<0.0570	<0.0570	<0.0570	<0.0570	<0.0570	<0.0570	ND	NA
WS-9	2	7/28/2024	ML/CL	0.2	<2.39	<19.5	<58.6	<0.0478	<0.0478	<0.0478	<0.0956	<0.0478	<0.0478	<0.0956	<0.0478	<0.0478	<0.0478	<0.0478	<0.0478	<0.0478	<0.0478	<0.0478	ND	NA
WS-10	3	7/28/2024	ML/CL	0.1	**6.02**	<21.8	<65.3	<0.0772	**0.228**	<0.0772	<0.154	<0.0772	<0.0772	<0.154	<0.0772	<0.0772	<0.0772	<0.0772	<0.0772	<0.0772	<0.0772	<0.0772	ND	NA
WS-11	2	7/28/2024	ML/CL	1.7	**5.17**	<19.7	<59.2	<0.0574	<0.0574	<0.0574	<0.115	<0.0574	<0.0574	<0.115	<0.0574	<0.0574	<0.0574	<0.0574	<0.0574	<0.0574	<0.0574	<0.0574	ND	NA
WS-12	2	7/28/2024	ML/CL	14.0	**15.30**	**209**	<57.4	<0.0567	<0.0567	<0.0567	<0.113	<0.0567	<0.0567	<0.113	<0.0567	<0.0567	<0.0567	<0.0567	<0.0567	<0.0567	<0.0567	<0.0567	ND	NA
WS-13	2	7/28/2024	ML/CL	0.2	<2.90	<19.7	<59.2	<0.0580	<0.0580	<0.0580	<0.116	<0.0580	<0.0580	<0.116	<0.0580	<0.0580	<0.0580	<0.0580	<0.0580	<0.0580	<0.0580	<0.0580	ND	NA
WS-14	2	7/28/2024	ML/CL	0.4	**6.46**	<19.4	<58.2	<0.0525	<0.0525	<0.0525	<0.105	<0.0525	<0.0525	<0.105	<0.0525	<0.0525	<0.0525	<0.0525	<0.0525	<0.0525	<0.0525	<0.0525	ND	NA
WS-15	2	7/28/2024	ML/CL	0.1	**7.99**	<19.9	<59.7	<0.0583	<0.0583	<0.0583	<0.117	<0.0583	<0.0583	<0.117	<0.0583	<0.0583	<0.0583	<0.0583	<0.0583	<0.0583	<0.0583	<0.0583	ND	NA
WS-16	2	7/28/2024	ML/CL	0.4	**3.6**	<19.6	<58.8	<0.0585	<0.0585	<0.0585	<0.117	<0.0585	<0.0585	<0.117	<0.0585	<0.0585	<0.0585	<0.0585	<0.0585	<0.0585	<0.0585	<0.0585	ND	NA
WS-17	10	7/29/2024	ML/CL	5.7	**11.1**	NA	NA	<0.104	**0.201**	<0.104	**0.505**	**0.185**	<0.104	<0.209	<0.104	<0.104	<0.104	<0.104	<0.104	<0.104	<0.104	<0.104	ND	NA
WS-18	2	7/29/2024	ML/CL	1.4	**8.07**	NA	NA	<0.0519	**0.094**	<0.0519	<0.0519	<0.0519	<0.0519	<0.104	<0.0519	<0.0519	<0.0519	<0.0519	<0.0519	<0.0519	<0.0519	<0.0519	ND	NA
MW-1 5'	5	7/29/2024	ML/CL	0.3	**5.56**	NA	NA	<0.0738	<0.0738	<0.0738	<0.148	<0.0738	<0.0738	<0.148	<0.0738	<0.0738	<0.0738	<0.0738	<0.0738	<0.0738	<0.0738	<0.0738	ND	NA
MW-1 13'	13	7/29/2024	ML/CL	0.6	<5.87	NA	NA	<0.0794	<0.0794	<0.0794	<0.159	<0.0794	<0.0794	<0.159	<0.0794	<0.0794	<0.0794	<0.0794	<0.0794	<0.0794	<0.0794	<0.0794	ND	NA
MW-1 19'	19	7/29/2024	ML	13.4	**258**	NA	NA	<0.0790	<0.0790	<0.0790	<0.158	<0.0790	<0.0790	<0.158	<0.0790	<0.0790	<0.0790	<0.0790	<0.0790	<0.0790	<0.0790	<0.0790	ND	NA
MW-2 5'	5	7/29/2024	ML/CL	0.5	<5.13	NA	NA	<0.0702	<0.0702	<0.0702	<0.140	<0.0702	<0.0702	<0.140	<0.0702	<0.0702	<0.0702	<0.0702	<0.0702	<0.0702	<0.0702	<0.0702	ND	NA
MW-2 13'	13	7/29/2024	ML/CL	0.1	<5.01	NA	NA	<0.0757	<0.0757	<0.0757	<0.151	<0.0757	<0.0757	<0.151	<0.0757	<0.0757	<0.0757	<0.0757	<0.0757	<0.0757	<0.0757	<0.0757	ND	NA
MW-2 19'	19	7/29/2024	ML	1.7	**52.3**	NA	NA	<0.0825	<0.0825	<0.0825	<0.165	<0.0825	<0.0825	<0.165	<0.0825	<0.0825	<0.0825	<0.0825	<0.0825	<0.0825	<0.0825	<0.0825	ND	NA
MW-3 5'	5	7/29/2024	ML/CL	14.4	**23.2**	NA	NA	<0.0718	<0.0718	<0.0718	<0.144	<0.0718	<0.0718	<0.144	<0.0718	<0.0718	<0.0718	<0.0718	<0.0718	<0.0718	<0.0718	<0.0718	ND	NA
MW-3 10'	10	7/29/2024	ML/CL	0.3	**11.0**	NA	NA	<0.0720	<0.0720	<0.0720	<0.144	<0.0720	<0.0720	<0.144	<0.0720	<0.0720	<0.0720	<0.0720	<0.0720	<0.0720	<0.0720	<0.0720	ND	NA
MW-3 19'	19	7/29/2024	ML	0.7	**5.62**	NA	NA	<0.1040	<0.1040	<0.1040	<0.209	<0.1040	<0.1040	<0.209	<0.1040	<0.1040	<0.1040	<0.1040	<0.1040	<0.1040	<0.1040	<0.1040	ND	NA
MW-4 5'	5	7/29/2024	ML/CL	0.0	**11.6**	<21.5	<64.5	<0.0665	<0.0665	<0.0665	<0.133	<0.0665	<0.0665	<0.133	<0.0665	<0.0665	<0.0665	<0.0665	<0.0665	<0.0665	<0.0665	<0.0665	ND	NA
MW-4 10'	10	7/29/2024	ML/CL	0.0	**8.44**	<22.8	<68.3	<0.0729	<0.0729	<0.0729	<0.146	<0.0729	<0.0729	<0.146	<0.0729	<0.0729	<0.0729	<0.0729	<0.0729	<0.0729	<0.0729	<0.0729	ND	NA
MW-4 17'	17	7/29/2024	ML	0.1	**9.01**	**36.7**	<68.1	<0.0825	<0.0825	<0.0825	<0.165	<0.0825	<0.0825	<0.165	<0.0825	<0.0825	<0.0825	<0.0825	<0.0825	<0.0825	<0.0825	<0.0825	ND	NA
MW-5 5'	5	7/29/2024	ML/CL	2.1	**110**	**55.4**	<65.6	<0.0647	<0.0647	<0.0647	<0.129	<0.0647	<0.0647	<0.129	<0.0647	<0.0647	<0.0647	<0.0647	<0.0647	<0.0647	<0.0647	<0.0647	ND	NA
MW-5 10'	10	7/29/2024	ML/CL	11.8	**328**	**615**	<67.1	<0.0669	<0.0669	<0.0669	<0.134	<0.0669	<0.0669	<0.134	<0.0669	<0.0669	<0.0669	**0.0836**	<0.0669	<0.0669	<0.0669	<0.0669	ND	NA
MW-5 18'	18	7/29/2024	ML/CL	17.9	**240**	**274**	<69.9	<0.0751	<0.0751	<0.0751	<0.150	<0.0751	<0.0751	<0.150	<0.0751	<0.0751	<0.0751	<0.0751	<0.0751	<0.0751	<0.0751	<0.0751	ND	NA
MW-6 5'	5	8/19/2024	ML/CL	17.5	<4.11	<21.9	<65.7	<0.0821	<0.0821	<0.0821	<0.164	<0.0821	<0.0821	<0.164	<0.0821	<0.0821	<0.0821	<0.0821	<0.0821	<0.0821	<0.0821	<0.0821	ND	NA
MW-6 10'	10	8/19/2024	ML/CL	82.3	<4.29	<21.7	<65.0	<0.0860	**0.277**	<0.0860	<0.172	<0.0860	<0.0860	<0.172	**0.125**	<0.0860	<0.0860	<0.0860	<0.0860	<0.0860	<0.0860	<0.0860	ND	NA
MW-6 11'	11	8/19/2024	SW	1.5	<2.74	<17.1	**52.9**	<0.0550	<0.0550	<0.0550	<0.110	<0.0550	<0.0550	<0.110	<0.0550	<0.0550	<0.0550	<0.0550	<0.0550	<0.0550	<0.0550	<0.0550	ND	NA
MW-6 19'	19	8/19/2024	ML/CL	0.0	<4.35	<22.6	<67.7	<0.0870	<0.0870	<0.0870	<0.174	<0.0870	<0.0870	<0.174	<0.0870	<0.0870	<0.0870	<0.0870	<0.0870	<0.0870	<0.0870	<0.0870	ND	NA
MW-8 5'	5	11/14/2024	SC	N/A	<3.43	<22.1	<66.3	<0.0686	<0.0686	<0.0686	<0.137	<0.0686	<0.0686	<0.137	<0.0686	<0.0686	<0.0686	<0.0686	<0.0686	<0.0686	<0.0686	<0.0686	ND	NA
MW-8 10'	10	11/14/2024	SC	N/A	<3.57	<22.2	<66.7	<0.0713	<0.0713	<0.0713	<0.143	<0.0713	<0.0713	<0.143	<0.0713	<0.0713	<0.0713	<0.0713	<0.0713	<0.0713	<0.0713	<0.0713	ND	NA
MW8-15'	15	11/14/2024	SC	N/A	<3.63	**93.5**	**100.0**	<0.0727	<0.0727	<0.0727	<0.145	<0.0727	<0.0727	<0.145	<0.0727	<0.0727	<0.0727	<0.0727	<0.0727	<0.0727	<0.0727	<0.0727	ND	NA
MW-8 19'	19	11/14/2024	CL	N/A	<3.82	**92.6**	<66.8	<0.0764	<0.0764	<0.0764	<0.153	<0.0764	<0.0764	<0.153	<0.0764	<0.0764	<0.0764	<0.0764	<0.0764	<0.0764	<0.0764	<0.0764	ND	NA
MW-9 5'	5	11/14/2024	SW	N/A	<2.14	<17.4	<52.2	<0.428	<0.0428	<0.0428	<0.857	<0.0428	<0.0428	<0.857	<0.0428	<0.0428	<0.0428	<0.0428	<0.0428	<0.0428	<0.0428	<0.0428	ND	NA
MW-9 10'	10	11/14/2024	SC	N/A	<4.36	**31.4**	<69.5	<0.0872	<0.0872	<0.0872	<0.174	<0.0872	<0.0872	<0.174	<0.0872	<0.0872	<0.0872	<0.0872	<0.0872	<0.0872	<0.0872	<0.0872	ND	NA
MW-9 19'	19	11/14/2024	CL	N/A	<3.48	<22.6	<67.8	<0.0696	<0.0696	<0.0696	<0.139	<0.0696	<0.0696	<0.139	<0.0696	<0.0696	<0.0696	<0.0696	<0.0696	<0.0696	<0.0696	<0.0696	ND	NA
MW-10 5'	5	11/14/2024	SC	N/A	<3.11	<2,17	<65.2	<0.0623	<0.0623	<0.0623	<0.125	<0.0623	<0.0623	<0.125	<0.0623	<0.0623	<0.0623	<0.0623	<0.0623	<0.0623	<0.0623	<0.0623	ND	NA
MW-10 10'	10	11/14/2024	SC	N/A	<3.79	<22.4	<67.2	<0.0757	<0.0757	<0.0757	<0.151	<0.0757	<0.0757	<0.0151	<0.0757	<0.0757	<0.0757	<0.0757	<0.0757	<0.0757	<0.0757	<0.0757	ND	NA

Table 1
Summary of Soil Sample Laboratory Analytical Results
Circle K Store #2709633
2835 Highway 99 West McMinnville, Oregon

Sample ID	Sample Depth (feet bgs)	Sample Date	Lithology	PID Reading (ppm)	NWTPH-Gx	NWTPH-Dx	NWTPH-O	Volatile Organic Compounds (VOCs) using Method 8260B (mg/kg)															TEL by 8270SIM (mg/kg)
					mg/kg	mg/kg	mg/kg	B	T	E	X	1,2,4-TMB	1,3,5-TMB	MTBE	Naphth-alene	n-Butyl benzene	sec-Butyl benzene	tert-Butyl benzene	Carbon Disulfide	Isopropyl-benzene	n-Propyl benzene	1,2-Dichloro ethane	Remaining VOCs	
MW-10 19'	19	11/14/2024	SC	N/A	<3.44	<22.2	<66.5	<0.0688	<0.0688	<0.0688	<0.138	<0.0688	<0.0688	<0.138	<0.0688	<0.0688	<0.0688	<0.0688	<0.0688	<0.0688	<0.0688	<0.0688	ND	NA
MW-11 5'	5	11/14/2024	SC	N/A	<3.54	<22.2	<66.7	<0.0707	<0.0707	<0.0707	<0.141	<0.0707	<0.0707	<0.0141	<0.0707	<0.0707	<0.0707	<0.0707	<0.0707	<0.0707	<0.0707	<0.0707	ND	NA
MW-11 10'	10	11/14/2024	SC	N/A	<4.54	<24.4	<73.1	<0.0909	<0.0909	<0.0909	<0.182	<0.0909	<0.0909	<0.182	<0.0909	<0.0909	<0.0909	<0.0909	<0.0909	<0.0909	<0.0909	<0.0909	ND	NA
MW-11 19'	19	11/14/2024	CL	N/A	<3.55	<22.6	<67.7	<0.0709	<0.0709	<0.0709	<0.142	<0.0709	<0.0709	<0.142	<0.0709	<0.0709	<0.0709	<0.0709	<0.0709	<0.0709	<0.0709	<0.0709	ND	NA
Oregon DEQ Soil RBC - Residential Ingestion					**1200**	**1100**	**2800**	**8.2**	**5800**	**34**	**1400**	**430**	**430**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**
Oregon DEQ Soil RBC - Urban Residential Ingestion					**2500**	**2200**	**5700**	**24**	**12000**	**110**	**2900**	**860**	**860**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**
Oregon DEQ Soil RBC - Residential Leaching					**31**	**9500**	**NE**	**0.023**	**84**	**0.22**	**23**	**10**	**11**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**
Oregon DEQ Soil RBC - Urban Residential Leaching					**31**	**9500**	**NE**	**0.10**	**340**	**0.94**	**87**	**43**	**45**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**NE**

Notes:

ppm = parts per million
mg/kg = milligrams per kilogram
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes Total
VOCs = Volatile Organic Compou
NE = Not Established
NP = Not Present
< = Not detected at or above the given minimum reporting limit (MRL)
NA = not analyzed
Bold = Indicates concentration exceeds the laboratory reporting limit
RBC = Risk Based Concentration
Bold (Red) = Indicates concentration exceeds Oregon DEQ Residential Leaching RBC
Bold (Green) = Indicates concentration exceeds Oregon DEQ Urban Residential Leaching RBC

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION DATA

Circle K #2709633
2835 Highway 99 West, McMinnville, Oregon

Well ID Screen Interval (feet bgs) TOC Elevation (ft amsl)	Date	Depth to Free Product (feet btoc)	Free Product Thickness (feet)	Depth to Groundwater (feet btoc)	Groundwater Elevation (feet amsl)
MW-1	8/27/2024	--	--	11.38	150.07
4.5-19.5	9/27/2024	--	--	11.74	149.71
161.45	12/2/2024	--	--	6.47	154.98
MW-2	8/27/2024	--	--	11.15	149.73
4.5-19.5	9/27/2024	--	--	11.47	149.41
160.88	12/2/2024	--	--	6.69	154.19
MW-3	8/27/2024	--	--	10.66	149.58
4.5-19.5	9/27/2024	--	--	11.19	149.05
160.24	12/2/2024	--	--	5.58	154.66
MW-4	8/27/2024	--	--	9.69	148.47
4.5-19.5	9/27/2024	--	--	9.79	148.37
158.16	12/2/2024	--	--	4.66	153.50
MW-5	8/27/2024	--	--	11.82	149.21
4.5-19.5	9/27/2024	--	--	12.36	148.67
161.03	12/2/2024	--	--	7.90	153.13
MW-6	8/27/2024	--	--	11.00	149.60
5-20	9/27/2024	--	--	11.42	149.18
160.60	12/2/2024	--	--	6.00	154.60
MW-7	12/2/2024	5.98	0.03	6.01	154.71
5-15					
160.70					
MW-8	12/2/2024	--	--	5.74	154.07
5-20					
159.81					
MW-9	12/2/2024	--	--	6.59	154.57
5-20					
161.16					
MW-10	12/2/2024	--	--	5.23	151.78
5-20					
157.01					

TABLE 2
SUMMARY OF GROUNDWATER ELEVATION DATA

Circle K #2709633
2835 Highway 99 West, McMinnville, Oregon

Well ID Screen Interval (feet bgs) TOC Elevation (ft amsl)	Date	Depth to Free Product (feet btoc)	Free Product Thickness (feet)	Depth to Groundwater (feet btoc)	Groundwater Elevation (feet amsl)
MW-11	12/1/2024	--	--	6.15	153.80
5-20					
159.95					

NOTES:
amsl = Above Mean Sea Level
bgs = Below Ground Surface
btoc = Below Top Of Casing
TOC = Top of Casing
-- = Not Present/Not Applicable
Groundwater elevations are corrected for free product when present

TABLE 3
SUMMARY OF GROUNDWATER SAMPLE LABORATORY ANALYTICAL RESULTS

Circle K #2709633
2835 Highway 99 West, McMinnville, Oregon

Well ID & Screen Interval (feet bgs)	Sample Type	Date Collected	NWTPH-Gx (ug/L)	NWTPH-Dx (ug/L)	NWTPH-O (ug/L)	EPA Method 8260													
						Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylene (ug/L)	MTBE (ug/L)	EDB (ug/L)	EDC (ug/L)	Naph (ug/L)	Isoprop (ug/L)	1,2,4-TMB (ug/L)	1,3,5-TMB (ug/L)	Arsenic (ug/L)	Total Lead (ug/L)	Other VOCs (ug/L)
MW-1	P	8/27/2024	<100	704	864	<0.30	<1.00	<1.00	<2.00	<1.00	<1.00	<1.00	1.69	<1.00	<1.00	<1.00	NA	NA	1,2,3 Trichlorobenzene - 1.42
4.5-19.5	P	9/27/2024	<100	541	248	<0.30	<1.00	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	None
MW-2	P	8/27/2024	<100	130	572	<0.30	<1.00	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	None
4.5-19.5	P	9/27/2024	<100	133	193	<0.30	<1.00	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	None
MW-3	P	8/27/2024	<100	398	639	<0.30	<1.00	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	None
4.5-19.5	P	9/27/2024	<100	521	397	<0.30	<1.00	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	None
MW-4	P	8/27/2024	<100	224	490	<0.30	<1.00	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	None
4.5-19.5	P	9/27/2024	<100	206	194	<0.30	<1.00	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	None
	P	12/2/2024	<100	<76.1	<190	<0.30	<!.00	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	None
MW-5	P	8/27/2024	376	5,550	621	1.56	12.6	<1.00	4.68	<1.00	<1.00	<1.00	1.79	1.39	<1.00	<1.00	NA	NA	See Lab Report
4.5-19.5	P	9/27/2024	248	6,750	<1900	0.30	1.06	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	1.22	<1.00	<1.00	NA	NA	Isopropylbenzene - 1.22 n-Butylbenzene - 1.92 sec-Butylbenzene - 3.5
	P	12/2/2024	209	2080	<190	<0.300	<1.00	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	sec-Butylbenzene - 1.89
MW-6	P	8/27/2024	4,610	242	439	235	406	32.9	462	<1.00	<1.00	<1.00	8.35	2.02	71.4	20.3	NA	NA	See Lab Report
5-20	P	9/27/2024	6,300	249	<191	520	703	40.4	532	<4.00	<4.00	<4.00	10.9	<4.00	93	21.6	NA	NA	n-Butylbenzene - 5.00 n-Propylbenzene - 4.08
MW-7	--	12/2/2024	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not Sampled (0.03 ft LPH)
5-15																			
MW-8	P	12/2/2024	<100	391	<190	<0.300	<1.00	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	None
5-20																			

TABLE 3
SUMMARY OF GROUNDWATER SAMPLE LABORATORY ANALYTICAL RESULTS

Circle K #2709633
2835 Highway 99 West, McMinnville, Oregon

Well ID & Screen Interval (feet bgs)	Sample Type	Date Collected	NWTPH-Gx (ug/L)	NWTPH-Dx (ug/L)	NWTPH-O (ug/L)	EPA Method 8260													
						Benzene (ug/L)	Toluene (ug/L)	Ethyl-benzene (ug/L)	Total Xylene (ug/L)	MTBE (ug/L)	EDB (ug/L)	EDC (ug/L)	Naph (ug/L)	Isoprop (ug/L)	1,2,4-TMB (ug/L)	1,3,5-TMB (ug/L)	Arsenic (ug/L)	Total Lead (ug/L)	Other VOCs (ug/L)
MW-9	P	12/2/2024	<100	<76.1	<190	<0.300	<1.00	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	None
5-20																			
MW-10	P	12/2/2024	<100	<77.1	<193	<0.300	<1.00	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	None
5-20																			
MW-11	P	12/2/2024	<100	<76.4	<191	<0.300	<1.00	<1.00	<2.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	None
5-20																			
ODEQ Occupation Cleanup Standard			**450**	**430**	**1,300**	**2.1**	**6,300**	**6.4**	**830**	**68**	**0.034**	**0.78**	**0.72**	**2,000**	**250**	**280**	**0.31**	**15**	**VARIOUS**

Notes:

bgs	Below the Ground Surface
BOLD	Concentration exceeds laboratory reporting limit or method detection limit
EDB	Ethylene Dibromide
EDC	1,2 Dichloroethane
EPA	U.S. Environmental Protection Agency
G	Grab Sample
P	Purged Sample
Isoprop	Isopropylbenzene
MTBE	Methyl-tert-butyl Ether
mg/L	milligrams per liter (parts per million)
Naph	Naphthanlene
ND	Not Detected above reporting limit
NE	Not Available
RED	Concentration exceeds applicable ODEQ Cleanup Standard
TMB	Trimethylbenzene
ug/L	micrograms per liter (parts per billion)

APPENDICES

APPENDIX A

DRILLING FIELD NOTES

Blaes ENVIRONMENTAL
45 East Monterey Way Ste 200
Phoenix, AZ 85012
602.728.0707 Ph.
602.728.0708 Fax

Daily Field Log

Site: CIRCLE K # 2709633
Date: 11/14-15/24 Project Number: Task No.:
Type of Work: ADDITIONAL GROUNDWATER WELL INSTALL
Scope of Work: SITE CHARACTERIZATION

Personnel Working On Site

Name	Company	Activity
DAN BLAES	BLAES ENVIRON	

Sub-Contractors	Phone No.	Purpose
BB&A DRILLER		RIG - DRILLER

Description of Activities:

11/14/24

7:30 PICK UP SOIL SAMPLE KITS - SPECIALTY ANALYTICAL
7:30-8:30 MOB TO SITE
8:30-9:00 HASP MEETING / SET UP - BB&A DRILLER
DRILL MW-10 INSTALL 2-INCH DIA PVC PREPACKED WELL
DRILL MW-11 " "
DRILL MW-9 " "
LUNCH
DRILL MW-8 " " "
DRILL MW-7 INTO PEA GRAVEL - 2-INCH WELL WITH NO SAND - PEA GRAVEL AROUND CASING
END DRILLING / WELL INSTALL

Notes Completed By:

APPENDIX B

LITHOLOGIC LOGS
MW-7 THROUGH MW-11

BLAES ENVIRONMENTAL MANAGEMENT INC.,
45 EAST MONTEREY WAY #200
PHOENIX, ARIZONA 85012
Telephone: 602 728 0707
Fax: 602 728 0708

BORING NUMBER MW7

CLIENT Circle K
PROJECT NAME Circle K 9633
PROJECT NUMBER 219-09633-03
PROJECT LOCATION 2835 Highway 99 West, McMinnville, OR
DATE STARTED 11/14/24 **COMPLETED** 11/14/24
GROUND ELEVATION _____ **HOLE DIAMETER** 4 inches
DRILLING CONTRACTOR BB & A
GROUND WATER LEVEL (ft. bgs): _____
DRILLING METHOD Direct Push
DATE/TIME _____
DRILL RIG MODEL Geoprobe **DRILLERS NAME** Rob
LOGGED BY D. Blaes
NOTES _____
WELL PERMIT No _____

DEPTH (ft)	TIME	SAMPLE TYPE SAMPLE ID	BLOW COUNTS (N VALUE)	RECOVERY %	PID RESPONSE (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0							0.3 Asphalt	Traffic rated vault Concrete (0.5' to 1')
2.5							Fill Material after spill excavtion to top of pea gravel	Bentonite (1' to 4') Regular 2" PVC casing (0.49' to 5')
5.0							4.0 Pea gravel	Pea Gravel (4' to 15") 2" PVC Sched 40 0.02 Slotted Screen (5' to 15')
7.5								
10.0								
12.5								
15.0							15.0	

Bottom of borehole at 15.0 feet.

BLAES ENVIRONMENTAL MANAGEMENT INC.,
45 EAST MONTEREY WAY #200
PHOENIX, ARIZONA 85012
Telephone: 602 728 0707
Fax: 602 728 0708

BORING NUMBER MW8

CLIENT Circle K
PROJECT NAME Circle K 9633
PROJECT NUMBER 219-09633-03
PROJECT LOCATION 2835 Highway 99 West, McMinnville, OR
DATE STARTED 11/14/24 **COMPLETED** 11/14/24
GROUND ELEVATION _____ **HOLE DIAMETER** 4 inches
DRILLING CONTRACTOR BB & A
GROUND WATER LEVEL (ft. bgs): _____
DRILLING METHOD Direct Push
DATE/TIME _____
DRILL RIG MODEL Geoprobe **DRILLERS NAME** Rob
LOGGED BY D. Blaes
NOTES _____
WELL PERMIT No _____

DEPTH (ft)	TIME	SAMPLE TYPE SAMPLE ID	BLOW COUNTS (N VALUE)	RECOVERY %	PID RESPONSE (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0							0.3 Asphalt	Traffic rated vault Concrete (0.5' to 1')
							Backfill material from spill excavation	Bentonite chips (1' to 4') Regular 2" PVC casing (0.49' to 5')
							2.5 (SC) Silty Clay; firm, dark brown	
5	13:41	UD MW8-5					(SC) Clay, Silt, Sandy; stiff, brown, dry, no odor	Sand Filter Pack (4' to 20')
10	13:45	UD MW8-10		100			(SC) Silty Sandy Clay; Brown	2" PVC Sched 40 0.020 Slotted Screen (5' to 20')
							11.0 (SC) Silty Sandy Clay; softer, gray/brown, wet	
							(CL) Clay; very firm, brown	
15	13:50	UD MW8-15					14.5 (SC) Clayey Sand; with gravel, soft, fine grained, dark gray, slight odor	
							16.0 (CL) Clay; gray, firm, wet	
20	13:59	UD MW8-19					(CL) Clay; very firm, slightly cohesive, brown, moist to wet	
							20.0 Bottom of borehole at 20.0 feet.	

BLAES ENVIRONMENTAL MANAGEMENT INC.,
45 EAST MONTEREY WAY #200
PHOENIX, ARIZONA 85012
Telephone: 602 728 0707
Fax: 602 728 0708

BORING NUMBER MW9

CLIENT Circle K
PROJECT NAME Circle K 9633
PROJECT NUMBER 219-09633-03
PROJECT LOCATION 2835 Highway 99 West, McMinnville, OR
DATE STARTED 11/14/24 **COMPLETED** 11/14/24
GROUND ELEVATION _____ **HOLE DIAMETER** 4 inches
DRILLING CONTRACTOR BB & A
GROUND WATER LEVEL (ft. bgs): _____
DRILLING METHOD Direct Push
DATE/TIME _____
DRILL RIG MODEL Geoprobe **DRILLERS NAME** Rob
LOGGED BY D. Blaes
NOTES _____
WELL PERMIT No _____

DEPTH (ft)	TIME	SAMPLE TYPE SAMPLE ID	BLOW COUNTS (N VALUE)	RECOVERY %	PID RESPONSE (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0							0.3 Asphalt	Traffic rated vault Concrete (0.5' to 1')
							Gravel/Sand, loose	Bentonite chips (1' to 4') Regular 2" PVC casing (0.49' to 5')
5	11:39	UD MW9-5					4.0 (SW) Sand; fine to coarse grained, with gravel, loose to slightly dense, dark brown, dry, no odor	Sand Filter Pack (4' to 20')
10	11:46	UD MW9-10		100			8.0 (SC) Silty Sandy Clay; softer, with gravel, gray mottled with brown, wet, slight odor 11.0	2" PVC Sched 40 0.020 Slotted Screen (5' to 20')
							(CL) Clay; firm, brown	
15							15.0 15.5 (SC) Sandy Clay; softer, brown, wet	
							(CL) Clay; very firm, brown, wet, no odor	
20	11:54	UD MW9-19					20.0	

Bottom of borehole at 20.0 feet.

BLAES ENVIRONMENTAL MANAGEMENT INC.,
45 EAST MONTEREY WAY #200
PHOENIX, ARIZONA 85012
Telephone: 602 728 0707
Fax: 602 728 0708

BORING NUMBER MW10

CLIENT Circle K
PROJECT NAME Circle K 9633
PROJECT NUMBER 219-09633-03
PROJECT LOCATION 2835 Highway 99 West, McMinnville, OR
DATE STARTED 11/14/24 **COMPLETED** 11/14/24
GROUND ELEVATION _____ **HOLE DIAMETER** 4 inches
DRILLING CONTRACTOR BB & A
GROUND WATER LEVEL (ft. bgs): _____
DRILLING METHOD Direct Push
DATE/TIME _____
DRILL RIG MODEL Geoprobe **DRILLERS NAME** Rob
LOGGED BY D. Blaes
NOTES _____
WELL PERMIT No _____

DEPTH (ft)	TIME	SAMPLE TYPE SAMPLE ID	BLOW COUNTS (N VALUE)	RECOVERY %	PID RESPONSE (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0							0.4 Asphalt Gravel and sand 2.0	Traffic rated vault Concrete (0.5' to 1') Bentonite chips (1' to 4') Regular 2" PVC casing (0.5' to 5')
5	09:11	UD MW10-5					(SC) Silty Sandy Clay; slightly cohesive, brown, moist, no odor	Sand Filter Pack (4' to 20')
10	09:19	UD MW10-10		100			(SC) Silty Clay; brown, firm, moist (SC) Sandy Clay; softer, wet, no odor 13.0	2" PVC Sched 40 0.020 Slotted Screen (5' to 20')
15							(CL) Clay; firm, brown, drier but still wet 15.0 15.5 (SC) Silty Clay; softer (CL) Clay; firm, brown 17.0 (SC) Sandy Clay; softer, brown, wet, no odor 18.0	
20	09:30	UD MW10-19					(CL) Clay; very firm, cohesive, moist, brown, no odor 20.0	

Bottom of borehole at 20.0 feet.

BLAES ENVIRONMENTAL MANAGEMENT INC.,
45 EAST MONTEREY WAY #200
PHOENIX, ARIZONA 85012
Telephone: 602 728 0707
Fax: 602 728 0708

BORING NUMBER MW11

CLIENT Circle K
PROJECT NAME Circle K 9633
PROJECT NUMBER 219-09633-03
PROJECT LOCATION 2835 Highway 99 West, McMinnville, OR
DATE STARTED 11/14/24 **COMPLETED** 11/14/24
GROUND ELEVATION _____ **HOLE DIAMETER** 4 inches
DRILLING CONTRACTOR BB & A
GROUND WATER LEVEL (ft. bgs): _____
DRILLING METHOD Direct Push
DATE/TIME _____
DRILL RIG MODEL Geoprobe **DRILLERS NAME** Rob
LOGGED BY D. Blaes
NOTES _____
WELL PERMIT No _____

DEPTH (ft)	TIME	SAMPLE TYPE SAMPLE ID	BLOW COUNTS (N VALUE)	RECOVERY %	PID RESPONSE (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0							0.3 Aspalt Gravel / Sand	Traffic rated vault Concrete (0.5' to 1')
							2.0	Bentonite chips (1' to 4') Regular 2" PVC casing (0.5' to 5')
	10:22	UD MW11-5					(SC) Clay, Silty Sand; slightly cohesive, firm, dry, no odor	
5							6.0	Sand Filter Pack (4' to 20')
							(CL) Clay; firm, brown, moist	
10	10:31	UD MW11-10		100			10.0 (SC) Clay; sandy, softer, brown, wet, no odor 11.0	2" PVC Sched 40 0.020 Slotted Screen (5' to 20')
							(CL) Clay; very firm, cohesive, brown, wet, no odor	
15							16.0 (SC) Sandy Clay; softer, brown, wet 17.0	
	10:44	UD MW11-19					(CL) Clay; firm, cohesive, brown, moist, no odor	
20							20.0	

Bottom of borehole at 20.0 feet.

APPENDIX C

SOIL LABORATORY REPORT

Specialty Analytical

9011 SE Jannsen Rd
Clackamas, OR 97015
TEL: (503) 607-1331
Website: www.specialtyanalytical.com

November 22, 2024

Dan Blaes
Blaes Environmental
45 East Monterey Way
Phoenix, AZ 85012
TEL:
FAX:

RE: Circle K # 2709633 / 219-00001-03 Order No.: 2411164

Dear Dan Blaes:

REVISED REPORT: Please see case narrative for information on revision.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

Marty French
Lab Director

Specialty Analytical
9011 SE Jannsen Rd
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

Case Narrative

WO#: **2411164**
Date: **11/22/2024**

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

This report in its entirety consists of the documents listed below. All documents contain the Specialty Analytical Work Order Number assigned to this report.

1. Paginated Report including: Case Narrative, Analytical Results and Applicable Quality Control Summary Reports.

2. A Cover Letter that immediately precedes the Paginated Report.

3. Paginated copies of the Chain of Custody Documents supplied with this sample set.

Concentrations reported with a J flag in the Qual field are values below the reporting limit (RL) but greater than the established method detection limit (MDL). There is greater uncertainty associated with these results and data should be considered as estimated.

Concentrations reported with an E flag in the Qual field are values that exceed the upper quantification range. There is greater uncertainty associated with these results and data should be considered as estimated.

Any comments or problems with the analytical events associated with this report are noted below.

Specialty Analytical

WO#: **2411164**
Date Reported: **11/22/2024**

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

Lab ID: 2411164-001 **Matrix:** SOIL
Client Sample ID MW-8 5' **Collection Date:** 11/14/2024 1:41:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
NWTPH-DX				**NWTPH-DX**	**SW3545A**	Analyst: **MB**
Diesel Range Organics	ND	22.1		mg/Kg-dry	1	11/20/2024 1:41:50 AM
Oil Range Organics	ND	66.3		mg/Kg-dry	1	11/20/2024 1:41:50 AM
Surr: o-Terphenyl	100	50 - 150		%Rec	1	11/20/2024 1:41:50 AM
NWTPH-GX				**NWTPH-GX**	**SW 5035**	Analyst: **LB**
Gasoline Range Organics	ND	3.43		mg/Kg-dry	1	11/15/2024 4:19:00 PM
Surr: 4-Bromofluorobenzene	101	50 - 150		%Rec	1	11/15/2024 4:19:00 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**SW8260D**	**SW 5035**	Analyst: **LB**
1,1,1,2-Tetrachloroethane	ND	68.6		µg/Kg-dry	1	11/15/2024 3:36:00 PM
1,1,1-Trichloroethane	ND	68.6		µg/Kg-dry	1	11/15/2024 3:36:00 PM
1,1,2,2-Tetrachloroethane	ND	68.6		µg/Kg-dry	1	11/15/2024 3:36:00 PM
1,1,2-Trichloroethane	ND	68.6		µg/Kg-dry	1	11/15/2024 3:36:00 PM
1,1-Dichloroethane	ND	68.6		µg/Kg-dry	1	11/15/2024 3:36:00 PM
1,1-Dichloroethene	ND	68.6		µg/Kg-dry	1	11/15/2024 3:36:00 PM
1,1-Dichloropropene	ND	68.6		µg/Kg-dry	1	11/15/2024 3:36:00 PM
1,2,3-Trichlorobenzene	ND	68.6		µg/Kg-dry	1	11/15/2024 3:36:00 PM
1,2,3-Trichloropropane	ND	68.6		µg/Kg-dry	1	11/15/2024 3:36:00 PM
1,2,4-Trichlorobenzene	ND	68.6		µg/Kg-dry	1	11/15/2024 3:36:00 PM
1,2,4-Trimethylbenzene	ND	68.6		µg/Kg-dry	1	11/15/2024 3:36:00 PM
1,2-Dibromo-3-chloropropane	ND	34.3		µg/Kg-dry	1	11/15/2024 3:36:00 PM
1,2-Dibromoethane	ND	68.6		µg/Kg-dry	1	11/15/2024 3:36:00 PM
1,2-Dichlorobenzene	ND	68.6		µg/Kg-dry	1	11/15/2024 3:36:00 PM
1,2-Dichloroethane	ND	68.6		µg/Kg-dry	1	11/15/2024 3:36:00 PM
1,2-Dichloropropane	ND	68.6		µg/Kg-dry	1	11/15/2024 3:36:00 PM
1,3,5-Trimethylbenzene	ND	68.6		µg/Kg-dry	1	11/15/2024 3:36:00 PM
1,3-Dichlorobenzene	ND	68.6		µg/Kg-dry	1	11/15/2024 3:36:00 PM
1,3-Dichloropropane	ND	68.6		µg/Kg-dry	1	11/15/2024 3:36:00 PM
1,4-Dichlorobenzene	ND	68.6		µg/Kg-dry	1	11/15/2024 3:36:00 PM
2,2-Dichloropropane	ND	68.6		µg/Kg-dry	1	11/15/2024 3:36:00 PM
2-Butanone	ND	137		µg/Kg-dry	1	11/15/2024 3:36:00 PM
2-Chlorotoluene	ND	68.6		µg/Kg-dry	1	11/15/2024 3:36:00 PM
2-Hexanone	ND	137		µg/Kg-dry	1	11/15/2024 3:36:00 PM
4-Chlorotoluene	ND	68.6		µg/Kg-dry	1	11/15/2024 3:36:00 PM
4-Isopropyltoluene	ND	68.6		µg/Kg-dry	1	11/15/2024 3:36:00 PM
4-Methyl-2-pentanone	ND	137		µg/Kg-dry	1	11/15/2024 3:36:00 PM
Acetone	ND	275		µg/Kg-dry	1	11/15/2024 3:36:00 PM
Benzene	ND	68.6		µg/Kg-dry	1	11/15/2024 3:36:00 PM

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

VOLATILE ORGANIC COMPOUNDS BY GC/MS			SW8260D	SW 5035	Analyst: LB
Bromobenzene	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Bromochloromethane	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Bromodichloromethane	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Bromoform	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Bromomethane	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Carbon Disulfide	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Carbon tetrachloride	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Chlorobenzene	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Chloroethane	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Chloroform	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Chloromethane	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
cis-1,2-Dichloroethene	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
cis-1,3-Dichloropropene	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Dibromochloromethane	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Dibromomethane	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Dichlorodifluoromethane	ND	137	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Ethylbenzene	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Hexachlorobutadiene	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Isopropylbenzene	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
m,p-Xylene	ND	137	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Methyl tert-butyl ether	ND	137	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Methylene Chloride	ND	343	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Naphthalene	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
n-Butylbenzene	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
n-Propylbenzene	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
o-Xylene	85.8	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
sec-Butylbenzene	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Styrene	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
tert-Butylbenzene	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Tetrachloroethene	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Toluene	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
trans-1,2-Dichloroethene	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
trans-1,3-Dichloropropene	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Trichloroethene	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Trichlorofluoromethane	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Vinyl Chloride	ND	68.6	µg/Kg-dry	1	11/15/2024 3:36:00 PM
Surr: 1,2-Dichloroethane-d4	99.1	71.5 - 124	%Rec	1	11/15/2024 3:36:00 PM
Surr: 4-Bromofluorobenzene	99.2	75.7 - 122	%Rec	1	11/15/2024 3:36:00 PM
Surr: Dibromofluoromethane	99.4	64.3 - 124	%Rec	1	11/15/2024 3:36:00 PM
Surr: Toluene-d8	101	74.9 - 120	%Rec	1	11/15/2024 3:36:00 PM

Specialty Analytical

WO#: **2411164**
Date Reported: **11/22/2024**

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

Lab ID: 2411164-002 **Matrix:** SOIL
Client Sample ID MW-8 10' **Collection Date:** 11/14/2024 1:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
NWTPH-DX				**NWTPH-DX**	**SW3545A**	Analyst: **MB**
Diesel Range Organics	ND	22.2		mg/Kg-dry	1	11/19/2024 7:47:50 PM
Oil Range Organics	ND	66.7		mg/Kg-dry	1	11/19/2024 7:47:50 PM
Surr: o-Terphenyl	93.8	50 - 150		%Rec	1	11/19/2024 7:47:50 PM
NWTPH-GX				**NWTPH-GX**	**SW 5035**	Analyst: **LB**
Gasoline Range Organics	ND	3.57		mg/Kg-dry	1	11/15/2024 5:01:00 PM
Surr: 4-Bromofluorobenzene	98.6	50 - 150		%Rec	1	11/15/2024 5:01:00 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**SW8260D**	**SW 5035**	Analyst: **LB**
1,1,1,2-Tetrachloroethane	ND	71.3		µg/Kg-dry	1	11/15/2024 3:58:00 PM
1,1,1-Trichloroethane	ND	71.3		µg/Kg-dry	1	11/15/2024 3:58:00 PM
1,1,2,2-Tetrachloroethane	ND	71.3		µg/Kg-dry	1	11/15/2024 3:58:00 PM
1,1,2-Trichloroethane	ND	71.3		µg/Kg-dry	1	11/15/2024 3:58:00 PM
1,1-Dichloroethane	ND	71.3		µg/Kg-dry	1	11/15/2024 3:58:00 PM
1,1-Dichloroethene	ND	71.3		µg/Kg-dry	1	11/15/2024 3:58:00 PM
1,1-Dichloropropene	ND	71.3		µg/Kg-dry	1	11/15/2024 3:58:00 PM
1,2,3-Trichlorobenzene	ND	71.3		µg/Kg-dry	1	11/15/2024 3:58:00 PM
1,2,3-Trichloropropane	ND	71.3		µg/Kg-dry	1	11/15/2024 3:58:00 PM
1,2,4-Trichlorobenzene	ND	71.3		µg/Kg-dry	1	11/15/2024 3:58:00 PM
1,2,4-Trimethylbenzene	ND	71.3		µg/Kg-dry	1	11/15/2024 3:58:00 PM
1,2-Dibromo-3-chloropropane	ND	35.7		µg/Kg-dry	1	11/15/2024 3:58:00 PM
1,2-Dibromoethane	ND	71.3		µg/Kg-dry	1	11/15/2024 3:58:00 PM
1,2-Dichlorobenzene	ND	71.3		µg/Kg-dry	1	11/15/2024 3:58:00 PM
1,2-Dichloroethane	ND	71.3		µg/Kg-dry	1	11/15/2024 3:58:00 PM
1,2-Dichloropropane	ND	71.3		µg/Kg-dry	1	11/15/2024 3:58:00 PM
1,3,5-Trimethylbenzene	ND	71.3		µg/Kg-dry	1	11/15/2024 3:58:00 PM
1,3-Dichlorobenzene	ND	71.3		µg/Kg-dry	1	11/15/2024 3:58:00 PM
1,3-Dichloropropane	ND	71.3		µg/Kg-dry	1	11/15/2024 3:58:00 PM
1,4-Dichlorobenzene	ND	71.3		µg/Kg-dry	1	11/15/2024 3:58:00 PM
2,2-Dichloropropane	ND	71.3		µg/Kg-dry	1	11/15/2024 3:58:00 PM
2-Butanone	ND	143		µg/Kg-dry	1	11/15/2024 3:58:00 PM
2-Chlorotoluene	ND	71.3		µg/Kg-dry	1	11/15/2024 3:58:00 PM
2-Hexanone	ND	143		µg/Kg-dry	1	11/15/2024 3:58:00 PM
4-Chlorotoluene	ND	71.3		µg/Kg-dry	1	11/15/2024 3:58:00 PM
4-Isopropyltoluene	ND	71.3		µg/Kg-dry	1	11/15/2024 3:58:00 PM
4-Methyl-2-pentanone	ND	143		µg/Kg-dry	1	11/15/2024 3:58:00 PM
Acetone	ND	285		µg/Kg-dry	1	11/15/2024 3:58:00 PM
Benzene	ND	71.3		µg/Kg-dry	1	11/15/2024 3:58:00 PM

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

VOLATILE ORGANIC COMPOUNDS BY GC/MS			SW8260D	SW 5035	Analyst: LB
Bromobenzene	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Bromochloromethane	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Bromodichloromethane	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Bromoform	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Bromomethane	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Carbon Disulfide	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Carbon tetrachloride	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Chlorobenzene	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Chloroethane	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Chloroform	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Chloromethane	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
cis-1,2-Dichloroethene	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
cis-1,3-Dichloropropene	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Dibromochloromethane	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Dibromomethane	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Dichlorodifluoromethane	ND	143	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Ethylbenzene	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Hexachlorobutadiene	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Isopropylbenzene	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
m,p-Xylene	ND	143	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Methyl tert-butyl ether	ND	143	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Methylene Chloride	ND	357	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Naphthalene	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
n-Butylbenzene	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
n-Propylbenzene	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
o-Xylene	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
sec-Butylbenzene	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Styrene	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
tert-Butylbenzene	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Tetrachloroethene	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Toluene	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
trans-1,2-Dichloroethene	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
trans-1,3-Dichloropropene	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Trichloroethene	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Trichlorofluoromethane	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Vinyl Chloride	ND	71.3	µg/Kg-dry	1	11/15/2024 3:58:00 PM
Surr: 1,2-Dichloroethane-d4	97.6	71.5 - 124	%Rec	1	11/15/2024 3:58:00 PM
Surr: 4-Bromofluorobenzene	82.6	75.7 - 122	%Rec	1	11/15/2024 3:58:00 PM
Surr: Dibromofluoromethane	98.4	64.3 - 124	%Rec	1	11/15/2024 3:58:00 PM
Surr: Toluene-d8	105	74.9 - 120	%Rec	1	11/15/2024 3:58:00 PM

Specialty Analytical

WO#: **2411164**
Date Reported: **11/22/2024**

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

Lab ID: 2411164-003 **Matrix:** SOIL
Client Sample ID MW-8 15' **Collection Date:** 11/14/2024 1:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
NWTPH-DX				**NWTPH-DX**	**SW3545A**	Analyst: **MB**
Diesel Range Organics	93.5	23.9		mg/Kg-dry	1	11/20/2024 2:31:50 AM
Oil Range Organics	100	71.6		mg/Kg-dry	1	11/20/2024 2:31:50 AM
Surr: o-Terphenyl	102	50 - 150		%Rec	1	11/20/2024 2:31:50 AM
NWTPH-GX				**NWTPH-GX**	**SW 5035**	Analyst: **LB**
Gasoline Range Organics	ND	3.63		mg/Kg-dry	1	11/15/2024 5:23:00 PM
Surr: 4-Bromofluorobenzene	100	50 - 150		%Rec	1	11/15/2024 5:23:00 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**SW8260D**	**SW 5035**	Analyst: **LB**
1,1,1,2-Tetrachloroethane	ND	72.7		µg/Kg-dry	1	11/15/2024 4:20:00 PM
1,1,1-Trichloroethane	ND	72.7		µg/Kg-dry	1	11/15/2024 4:20:00 PM
1,1,2,2-Tetrachloroethane	ND	72.7		µg/Kg-dry	1	11/15/2024 4:20:00 PM
1,1,2-Trichloroethane	ND	72.7		µg/Kg-dry	1	11/15/2024 4:20:00 PM
1,1-Dichloroethane	ND	72.7		µg/Kg-dry	1	11/15/2024 4:20:00 PM
1,1-Dichloroethene	ND	72.7		µg/Kg-dry	1	11/15/2024 4:20:00 PM
1,1-Dichloropropene	ND	72.7		µg/Kg-dry	1	11/15/2024 4:20:00 PM
1,2,3-Trichlorobenzene	ND	72.7		µg/Kg-dry	1	11/15/2024 4:20:00 PM
1,2,3-Trichloropropane	ND	72.7		µg/Kg-dry	1	11/15/2024 4:20:00 PM
1,2,4-Trichlorobenzene	ND	72.7		µg/Kg-dry	1	11/15/2024 4:20:00 PM
1,2,4-Trimethylbenzene	ND	72.7		µg/Kg-dry	1	11/15/2024 4:20:00 PM
1,2-Dibromo-3-chloropropane	ND	36.3		µg/Kg-dry	1	11/15/2024 4:20:00 PM
1,2-Dibromoethane	ND	72.7		µg/Kg-dry	1	11/15/2024 4:20:00 PM
1,2-Dichlorobenzene	ND	72.7		µg/Kg-dry	1	11/15/2024 4:20:00 PM
1,2-Dichloroethane	ND	72.7		µg/Kg-dry	1	11/15/2024 4:20:00 PM
1,2-Dichloropropane	ND	72.7		µg/Kg-dry	1	11/15/2024 4:20:00 PM
1,3,5-Trimethylbenzene	ND	72.7		µg/Kg-dry	1	11/15/2024 4:20:00 PM
1,3-Dichlorobenzene	ND	72.7		µg/Kg-dry	1	11/15/2024 4:20:00 PM
1,3-Dichloropropane	ND	72.7		µg/Kg-dry	1	11/15/2024 4:20:00 PM
1,4-Dichlorobenzene	ND	72.7		µg/Kg-dry	1	11/15/2024 4:20:00 PM
2,2-Dichloropropane	ND	72.7		µg/Kg-dry	1	11/15/2024 4:20:00 PM
2-Butanone	ND	145		µg/Kg-dry	1	11/15/2024 4:20:00 PM
2-Chlorotoluene	ND	72.7		µg/Kg-dry	1	11/15/2024 4:20:00 PM
2-Hexanone	ND	145		µg/Kg-dry	1	11/15/2024 4:20:00 PM
4-Chlorotoluene	ND	72.7		µg/Kg-dry	1	11/15/2024 4:20:00 PM
4-Isopropyltoluene	ND	72.7		µg/Kg-dry	1	11/15/2024 4:20:00 PM
4-Methyl-2-pentanone	ND	145		µg/Kg-dry	1	11/15/2024 4:20:00 PM
Acetone	ND	291		µg/Kg-dry	1	11/15/2024 4:20:00 PM
Benzene	ND	72.7		µg/Kg-dry	1	11/15/2024 4:20:00 PM

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

VOLATILE ORGANIC COMPOUNDS BY GC/MS			SW8260D	SW 5035	Analyst: LB
Bromobenzene	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Bromochloromethane	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Bromodichloromethane	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Bromoform	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Bromomethane	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Carbon Disulfide	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Carbon tetrachloride	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Chlorobenzene	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Chloroethane	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Chloroform	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Chloromethane	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
cis-1,2-Dichloroethene	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
cis-1,3-Dichloropropene	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Dibromochloromethane	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Dibromomethane	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Dichlorodifluoromethane	ND	145	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Ethylbenzene	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Hexachlorobutadiene	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Isopropylbenzene	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
m,p-Xylene	ND	145	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Methyl tert-butyl ether	ND	145	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Methylene Chloride	ND	363	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Naphthalene	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
n-Butylbenzene	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
n-Propylbenzene	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
o-Xylene	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
sec-Butylbenzene	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Styrene	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
tert-Butylbenzene	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Tetrachloroethene	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Toluene	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
trans-1,2-Dichloroethene	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
trans-1,3-Dichloropropene	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Trichloroethene	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Trichlorofluoromethane	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Vinyl Chloride	ND	72.7	µg/Kg-dry	1	11/15/2024 4:20:00 PM
Surr: 1,2-Dichloroethane-d4	96.5	71.5 - 124	%Rec	1	11/15/2024 4:20:00 PM
Surr: 4-Bromofluorobenzene	92.6	75.7 - 122	%Rec	1	11/15/2024 4:20:00 PM
Surr: Dibromofluoromethane	97.9	64.3 - 124	%Rec	1	11/15/2024 4:20:00 PM
Surr: Toluene-d8	106	74.9 - 120	%Rec	1	11/15/2024 4:20:00 PM

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

Lab ID: 2411164-004 **Matrix:** SOIL
Client Sample ID MW-8 19' **Collection Date:** 11/14/2024 1:59:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
NWTPH-DX				**NWTPH-DX**	**SW3545A**	Analyst: **MB**
Diesel Range Organics	92.6	22.3		mg/Kg-dry	1	11/19/2024 8:13:50 PM
Oil Range Organics	ND	66.8		mg/Kg-dry	1	11/19/2024 8:13:50 PM
Surr: o-Terphenyl	105	50 - 150		%Rec	1	11/19/2024 8:13:50 PM
NWTPH-GX				**NWTPH-GX**	**SW 5035**	Analyst: **LB**
Gasoline Range Organics	ND	3.82		mg/Kg-dry	1	11/15/2024 5:44:00 PM
Surr: 4-Bromofluorobenzene	101	50 - 150		%Rec	1	11/15/2024 5:44:00 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**SW8260D**	**SW 5035**	Analyst: **LB**
1,1,1,2-Tetrachloroethane	ND	76.4		µg/Kg-dry	1	11/15/2024 4:42:00 PM
1,1,1-Trichloroethane	ND	76.4		µg/Kg-dry	1	11/15/2024 4:42:00 PM
1,1,2,2-Tetrachloroethane	ND	76.4		µg/Kg-dry	1	11/15/2024 4:42:00 PM
1,1,2-Trichloroethane	ND	76.4		µg/Kg-dry	1	11/15/2024 4:42:00 PM
1,1-Dichloroethane	ND	76.4		µg/Kg-dry	1	11/15/2024 4:42:00 PM
1,1-Dichloroethene	ND	76.4		µg/Kg-dry	1	11/15/2024 4:42:00 PM
1,1-Dichloropropene	ND	76.4		µg/Kg-dry	1	11/15/2024 4:42:00 PM
1,2,3-Trichlorobenzene	ND	76.4		µg/Kg-dry	1	11/15/2024 4:42:00 PM
1,2,3-Trichloropropane	ND	76.4		µg/Kg-dry	1	11/15/2024 4:42:00 PM
1,2,4-Trichlorobenzene	ND	76.4		µg/Kg-dry	1	11/15/2024 4:42:00 PM
1,2,4-Trimethylbenzene	ND	76.4		µg/Kg-dry	1	11/15/2024 4:42:00 PM
1,2-Dibromo-3-chloropropane	ND	38.2		µg/Kg-dry	1	11/15/2024 4:42:00 PM
1,2-Dibromoethane	ND	76.4		µg/Kg-dry	1	11/15/2024 4:42:00 PM
1,2-Dichlorobenzene	ND	76.4		µg/Kg-dry	1	11/15/2024 4:42:00 PM
1,2-Dichloroethane	ND	76.4		µg/Kg-dry	1	11/15/2024 4:42:00 PM
1,2-Dichloropropane	ND	76.4		µg/Kg-dry	1	11/15/2024 4:42:00 PM
1,3,5-Trimethylbenzene	ND	76.4		µg/Kg-dry	1	11/15/2024 4:42:00 PM
1,3-Dichlorobenzene	ND	76.4		µg/Kg-dry	1	11/15/2024 4:42:00 PM
1,3-Dichloropropane	ND	76.4		µg/Kg-dry	1	11/15/2024 4:42:00 PM
1,4-Dichlorobenzene	ND	76.4		µg/Kg-dry	1	11/15/2024 4:42:00 PM
2,2-Dichloropropane	ND	76.4		µg/Kg-dry	1	11/15/2024 4:42:00 PM
2-Butanone	ND	153		µg/Kg-dry	1	11/15/2024 4:42:00 PM
2-Chlorotoluene	ND	76.4		µg/Kg-dry	1	11/15/2024 4:42:00 PM
2-Hexanone	ND	153		µg/Kg-dry	1	11/15/2024 4:42:00 PM
4-Chlorotoluene	ND	76.4		µg/Kg-dry	1	11/15/2024 4:42:00 PM
4-Isopropyltoluene	ND	76.4		µg/Kg-dry	1	11/15/2024 4:42:00 PM
4-Methyl-2-pentanone	ND	153		µg/Kg-dry	1	11/15/2024 4:42:00 PM
Acetone	ND	305		µg/Kg-dry	1	11/15/2024 4:42:00 PM
Benzene	ND	76.4		µg/Kg-dry	1	11/15/2024 4:42:00 PM

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

VOLATILE ORGANIC COMPOUNDS BY GC/MS			SW8260D	SW 5035	Analyst: LB
Bromobenzene	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Bromochloromethane	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Bromodichloromethane	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Bromoform	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Bromomethane	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Carbon Disulfide	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Carbon tetrachloride	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Chlorobenzene	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Chloroethane	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Chloroform	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Chloromethane	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
cis-1,2-Dichloroethene	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
cis-1,3-Dichloropropene	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Dibromochloromethane	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Dibromomethane	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Dichlorodifluoromethane	ND	153	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Ethylbenzene	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Hexachlorobutadiene	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Isopropylbenzene	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
m,p-Xylene	ND	153	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Methyl tert-butyl ether	ND	153	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Methylene Chloride	ND	382	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Naphthalene	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
n-Butylbenzene	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
n-Propylbenzene	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
o-Xylene	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
sec-Butylbenzene	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Styrene	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
tert-Butylbenzene	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Tetrachloroethene	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Toluene	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
trans-1,2-Dichloroethene	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
trans-1,3-Dichloropropene	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Trichloroethene	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Trichlorofluoromethane	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Vinyl Chloride	ND	76.4	µg/Kg-dry	1	11/15/2024 4:42:00 PM
Surr: 1,2-Dichloroethane-d4	94.6	71.5 - 124	%Rec	1	11/15/2024 4:42:00 PM
Surr: 4-Bromofluorobenzene	92.5	75.7 - 122	%Rec	1	11/15/2024 4:42:00 PM
Surr: Dibromofluoromethane	97.2	64.3 - 124	%Rec	1	11/15/2024 4:42:00 PM
Surr: Toluene-d8	106	74.9 - 120	%Rec	1	11/15/2024 4:42:00 PM

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

Lab ID: 2411164-005 **Matrix:** SOIL
Client Sample ID MW-9 5' **Collection Date:** 11/14/2024 11:39:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
NWTPH-DX				**NWTPH-DX**	**SW3545A**	Analyst: **MB**
Diesel Range Organics	ND	17.4		mg/Kg-dry	1	11/19/2024 8:38:50 PM
Oil Range Organics	ND	52.2		mg/Kg-dry	1	11/19/2024 8:38:50 PM
Surr: o-Terphenyl	84.4	50 - 150		%Rec	1	11/19/2024 8:38:50 PM
NWTPH-GX				**NWTPH-GX**	**SW 5035**	Analyst: **LB**
Gasoline Range Organics	ND	2.14		mg/Kg-dry	1	11/15/2024 6:06:00 PM
Surr: 4-Bromofluorobenzene	102	50 - 150		%Rec	1	11/15/2024 6:06:00 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**SW8260D**	**SW 5035**	Analyst: **LB**
1,1,1,2-Tetrachloroethane	ND	42.8		µg/Kg-dry	1	11/15/2024 5:04:00 PM
1,1,1-Trichloroethane	ND	42.8		µg/Kg-dry	1	11/15/2024 5:04:00 PM
1,1,2,2-Tetrachloroethane	ND	42.8		µg/Kg-dry	1	11/15/2024 5:04:00 PM
1,1,2-Trichloroethane	ND	42.8		µg/Kg-dry	1	11/15/2024 5:04:00 PM
1,1-Dichloroethane	ND	42.8		µg/Kg-dry	1	11/15/2024 5:04:00 PM
1,1-Dichloroethene	ND	42.8		µg/Kg-dry	1	11/15/2024 5:04:00 PM
1,1-Dichloropropene	ND	42.8		µg/Kg-dry	1	11/15/2024 5:04:00 PM
1,2,3-Trichlorobenzene	ND	42.8		µg/Kg-dry	1	11/15/2024 5:04:00 PM
1,2,3-Trichloropropane	ND	42.8		µg/Kg-dry	1	11/15/2024 5:04:00 PM
1,2,4-Trichlorobenzene	ND	42.8		µg/Kg-dry	1	11/15/2024 5:04:00 PM
1,2,4-Trimethylbenzene	ND	42.8		µg/Kg-dry	1	11/15/2024 5:04:00 PM
1,2-Dibromo-3-chloropropane	ND	21.4		µg/Kg-dry	1	11/15/2024 5:04:00 PM
1,2-Dibromoethane	ND	42.8		µg/Kg-dry	1	11/15/2024 5:04:00 PM
1,2-Dichlorobenzene	ND	42.8		µg/Kg-dry	1	11/15/2024 5:04:00 PM
1,2-Dichloroethane	ND	42.8		µg/Kg-dry	1	11/15/2024 5:04:00 PM
1,2-Dichloropropane	ND	42.8		µg/Kg-dry	1	11/15/2024 5:04:00 PM
1,3,5-Trimethylbenzene	ND	42.8		µg/Kg-dry	1	11/15/2024 5:04:00 PM
1,3-Dichlorobenzene	ND	42.8		µg/Kg-dry	1	11/15/2024 5:04:00 PM
1,3-Dichloropropane	ND	42.8		µg/Kg-dry	1	11/15/2024 5:04:00 PM
1,4-Dichlorobenzene	ND	42.8		µg/Kg-dry	1	11/15/2024 5:04:00 PM
2,2-Dichloropropane	ND	42.8		µg/Kg-dry	1	11/15/2024 5:04:00 PM
2-Butanone	ND	85.7		µg/Kg-dry	1	11/15/2024 5:04:00 PM
2-Chlorotoluene	ND	42.8		µg/Kg-dry	1	11/15/2024 5:04:00 PM
2-Hexanone	ND	85.7		µg/Kg-dry	1	11/15/2024 5:04:00 PM
4-Chlorotoluene	ND	42.8		µg/Kg-dry	1	11/15/2024 5:04:00 PM
4-Isopropyltoluene	ND	42.8		µg/Kg-dry	1	11/15/2024 5:04:00 PM
4-Methyl-2-pentanone	ND	85.7		µg/Kg-dry	1	11/15/2024 5:04:00 PM
Acetone	ND	171		µg/Kg-dry	1	11/15/2024 5:04:00 PM
Benzene	ND	42.8		µg/Kg-dry	1	11/15/2024 5:04:00 PM

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

VOLATILE ORGANIC COMPOUNDS BY GC/MS			SW8260D	SW 5035	Analyst: LB
Bromobenzene	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Bromochloromethane	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Bromodichloromethane	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Bromoform	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Bromomethane	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Carbon Disulfide	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Carbon tetrachloride	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Chlorobenzene	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Chloroethane	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Chloroform	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Chloromethane	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
cis-1,2-Dichloroethene	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
cis-1,3-Dichloropropene	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Dibromochloromethane	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Dibromomethane	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Dichlorodifluoromethane	ND	85.7	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Ethylbenzene	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Hexachlorobutadiene	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Isopropylbenzene	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
m,p-Xylene	ND	85.7	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Methyl tert-butyl ether	ND	85.7	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Methylene Chloride	ND	214	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Naphthalene	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
n-Butylbenzene	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
n-Propylbenzene	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
o-Xylene	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
sec-Butylbenzene	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Styrene	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
tert-Butylbenzene	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Tetrachloroethene	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Toluene	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
trans-1,2-Dichloroethene	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
trans-1,3-Dichloropropene	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Trichloroethene	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Trichlorofluoromethane	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Vinyl Chloride	ND	42.8	µg/Kg-dry	1	11/15/2024 5:04:00 PM
Surr: 1,2-Dichloroethane-d4	96.9	71.5 - 124	%Rec	1	11/15/2024 5:04:00 PM
Surr: 4-Bromofluorobenzene	91.2	75.7 - 122	%Rec	1	11/15/2024 5:04:00 PM
Surr: Dibromofluoromethane	99.1	64.3 - 124	%Rec	1	11/15/2024 5:04:00 PM
Surr: Toluene-d8	108	74.9 - 120	%Rec	1	11/15/2024 5:04:00 PM

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

Lab ID: 2411164-006 **Matrix:** SOIL
Client Sample ID MW-9 10' **Collection Date:** 11/14/2024 11:46:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
NWTPH-DX				**NWTPH-DX**	**SW3545A**	Analyst: **MB**
Diesel Range Organics	31.4	23.2		mg/Kg-dry	1	11/19/2024 9:03:50 PM
Oil Range Organics	ND	69.5		mg/Kg-dry	1	11/19/2024 9:03:50 PM
Surr: o-Terphenyl	99.2	50 - 150		%Rec	1	11/19/2024 9:03:50 PM
NWTPH-GX				**NWTPH-GX**	**SW 5035**	Analyst: **LB**
Gasoline Range Organics	ND	4.36		mg/Kg-dry	1	11/15/2024 6:27:00 PM
Surr: 4-Bromofluorobenzene	102	50 - 150		%Rec	1	11/15/2024 6:27:00 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**SW8260D**	**SW 5035**	Analyst: **LB**
1,1,1,2-Tetrachloroethane	ND	87.2		µg/Kg-dry	1	11/15/2024 5:26:00 PM
1,1,1-Trichloroethane	ND	87.2		µg/Kg-dry	1	11/15/2024 5:26:00 PM
1,1,2,2-Tetrachloroethane	ND	87.2		µg/Kg-dry	1	11/15/2024 5:26:00 PM
1,1,2-Trichloroethane	ND	87.2		µg/Kg-dry	1	11/15/2024 5:26:00 PM
1,1-Dichloroethane	ND	87.2		µg/Kg-dry	1	11/15/2024 5:26:00 PM
1,1-Dichloroethene	ND	87.2		µg/Kg-dry	1	11/15/2024 5:26:00 PM
1,1-Dichloropropene	ND	87.2		µg/Kg-dry	1	11/15/2024 5:26:00 PM
1,2,3-Trichlorobenzene	ND	87.2		µg/Kg-dry	1	11/15/2024 5:26:00 PM
1,2,3-Trichloropropane	ND	87.2		µg/Kg-dry	1	11/15/2024 5:26:00 PM
1,2,4-Trichlorobenzene	ND	87.2		µg/Kg-dry	1	11/15/2024 5:26:00 PM
1,2,4-Trimethylbenzene	ND	87.2		µg/Kg-dry	1	11/15/2024 5:26:00 PM
1,2-Dibromo-3-chloropropane	ND	43.6		µg/Kg-dry	1	11/15/2024 5:26:00 PM
1,2-Dibromoethane	ND	87.2		µg/Kg-dry	1	11/15/2024 5:26:00 PM
1,2-Dichlorobenzene	ND	87.2		µg/Kg-dry	1	11/15/2024 5:26:00 PM
1,2-Dichloroethane	ND	87.2		µg/Kg-dry	1	11/15/2024 5:26:00 PM
1,2-Dichloropropane	ND	87.2		µg/Kg-dry	1	11/15/2024 5:26:00 PM
1,3,5-Trimethylbenzene	ND	87.2		µg/Kg-dry	1	11/15/2024 5:26:00 PM
1,3-Dichlorobenzene	ND	87.2		µg/Kg-dry	1	11/15/2024 5:26:00 PM
1,3-Dichloropropane	ND	87.2		µg/Kg-dry	1	11/15/2024 5:26:00 PM
1,4-Dichlorobenzene	ND	87.2		µg/Kg-dry	1	11/15/2024 5:26:00 PM
2,2-Dichloropropane	ND	87.2		µg/Kg-dry	1	11/15/2024 5:26:00 PM
2-Butanone	ND	174		µg/Kg-dry	1	11/15/2024 5:26:00 PM
2-Chlorotoluene	ND	87.2		µg/Kg-dry	1	11/15/2024 5:26:00 PM
2-Hexanone	ND	174		µg/Kg-dry	1	11/15/2024 5:26:00 PM
4-Chlorotoluene	ND	87.2		µg/Kg-dry	1	11/15/2024 5:26:00 PM
4-Isopropyltoluene	ND	87.2		µg/Kg-dry	1	11/15/2024 5:26:00 PM
4-Methyl-2-pentanone	ND	174		µg/Kg-dry	1	11/15/2024 5:26:00 PM
Acetone	ND	349		µg/Kg-dry	1	11/15/2024 5:26:00 PM
Benzene	ND	87.2		µg/Kg-dry	1	11/15/2024 5:26:00 PM

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

VOLATILE ORGANIC COMPOUNDS BY GC/MS			SW8260D	SW 5035	Analyst: LB
Bromobenzene	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Bromochloromethane	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Bromodichloromethane	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Bromoform	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Bromomethane	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Carbon Disulfide	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Carbon tetrachloride	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Chlorobenzene	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Chloroethane	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Chloroform	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Chloromethane	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
cis-1,2-Dichloroethene	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
cis-1,3-Dichloropropene	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Dibromochloromethane	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Dibromomethane	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Dichlorodifluoromethane	ND	174	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Ethylbenzene	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Hexachlorobutadiene	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Isopropylbenzene	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
m,p-Xylene	ND	174	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Methyl tert-butyl ether	ND	174	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Methylene Chloride	ND	436	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Naphthalene	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
n-Butylbenzene	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
n-Propylbenzene	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
o-Xylene	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
sec-Butylbenzene	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Styrene	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
tert-Butylbenzene	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Tetrachloroethene	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Toluene	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
trans-1,2-Dichloroethene	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
trans-1,3-Dichloropropene	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Trichloroethene	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Trichlorofluoromethane	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Vinyl Chloride	ND	87.2	µg/Kg-dry	1	11/15/2024 5:26:00 PM
Surr: 1,2-Dichloroethane-d4	97.9	71.5 - 124	%Rec	1	11/15/2024 5:26:00 PM
Surr: 4-Bromofluorobenzene	92.1	75.7 - 122	%Rec	1	11/15/2024 5:26:00 PM
Surr: Dibromofluoromethane	98.7	64.3 - 124	%Rec	1	11/15/2024 5:26:00 PM
Surr: Toluene-d8	108	74.9 - 120	%Rec	1	11/15/2024 5:26:00 PM

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

Lab ID: 2411164-007 **Matrix:** SOIL
Client Sample ID MW-9 19' **Collection Date:** 11/14/2024 11:54:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
NWTPH-DX				**NWTPH-DX**	**SW3545A**	Analyst: **MB**
Diesel Range Organics	ND	22.6		mg/Kg-dry	1	11/19/2024 9:54:50 PM
Oil Range Organics	ND	67.8		mg/Kg-dry	1	11/19/2024 9:54:50 PM
Surr: o-Terphenyl	93.6	50 - 150		%Rec	1	11/19/2024 9:54:50 PM
NWTPH-GX				**NWTPH-GX**	**SW 5035**	Analyst: **LB**
Gasoline Range Organics	ND	3.48		mg/Kg-dry	1	11/15/2024 6:49:00 PM
Surr: 4-Bromofluorobenzene	102	50 - 150		%Rec	1	11/15/2024 6:49:00 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**SW8260D**	**SW 5035**	Analyst: **LB**
1,1,1,2-Tetrachloroethane	ND	69.6		µg/Kg-dry	1	11/15/2024 5:49:00 PM
1,1,1-Trichloroethane	ND	69.6		µg/Kg-dry	1	11/15/2024 5:49:00 PM
1,1,2,2-Tetrachloroethane	ND	69.6		µg/Kg-dry	1	11/15/2024 5:49:00 PM
1,1,2-Trichloroethane	ND	69.6		µg/Kg-dry	1	11/15/2024 5:49:00 PM
1,1-Dichloroethane	ND	69.6		µg/Kg-dry	1	11/15/2024 5:49:00 PM
1,1-Dichloroethene	ND	69.6		µg/Kg-dry	1	11/15/2024 5:49:00 PM
1,1-Dichloropropene	ND	69.6		µg/Kg-dry	1	11/15/2024 5:49:00 PM
1,2,3-Trichlorobenzene	ND	69.6		µg/Kg-dry	1	11/15/2024 5:49:00 PM
1,2,3-Trichloropropane	ND	69.6		µg/Kg-dry	1	11/15/2024 5:49:00 PM
1,2,4-Trichlorobenzene	ND	69.6		µg/Kg-dry	1	11/15/2024 5:49:00 PM
1,2,4-Trimethylbenzene	ND	69.6		µg/Kg-dry	1	11/15/2024 5:49:00 PM
1,2-Dibromo-3-chloropropane	ND	34.8		µg/Kg-dry	1	11/15/2024 5:49:00 PM
1,2-Dibromoethane	ND	69.6		µg/Kg-dry	1	11/15/2024 5:49:00 PM
1,2-Dichlorobenzene	ND	69.6		µg/Kg-dry	1	11/15/2024 5:49:00 PM
1,2-Dichloroethane	ND	69.6		µg/Kg-dry	1	11/15/2024 5:49:00 PM
1,2-Dichloropropane	ND	69.6		µg/Kg-dry	1	11/15/2024 5:49:00 PM
1,3,5-Trimethylbenzene	ND	69.6		µg/Kg-dry	1	11/15/2024 5:49:00 PM
1,3-Dichlorobenzene	ND	69.6		µg/Kg-dry	1	11/15/2024 5:49:00 PM
1,3-Dichloropropane	ND	69.6		µg/Kg-dry	1	11/15/2024 5:49:00 PM
1,4-Dichlorobenzene	ND	69.6		µg/Kg-dry	1	11/15/2024 5:49:00 PM
2,2-Dichloropropane	ND	69.6		µg/Kg-dry	1	11/15/2024 5:49:00 PM
2-Butanone	ND	139		µg/Kg-dry	1	11/15/2024 5:49:00 PM
2-Chlorotoluene	ND	69.6		µg/Kg-dry	1	11/15/2024 5:49:00 PM
2-Hexanone	ND	139		µg/Kg-dry	1	11/15/2024 5:49:00 PM
4-Chlorotoluene	ND	69.6		µg/Kg-dry	1	11/15/2024 5:49:00 PM
4-Isopropyltoluene	ND	69.6		µg/Kg-dry	1	11/15/2024 5:49:00 PM
4-Methyl-2-pentanone	ND	139		µg/Kg-dry	1	11/15/2024 5:49:00 PM
Acetone	ND	278		µg/Kg-dry	1	11/15/2024 5:49:00 PM
Benzene	ND	69.6		µg/Kg-dry	1	11/15/2024 5:49:00 PM

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

VOLATILE ORGANIC COMPOUNDS BY GC/MS			SW8260D	SW 5035	Analyst: LB
Bromobenzene	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Bromochloromethane	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Bromodichloromethane	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Bromoform	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Bromomethane	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Carbon Disulfide	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Carbon tetrachloride	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Chlorobenzene	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Chloroethane	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Chloroform	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Chloromethane	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
cis-1,2-Dichloroethene	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
cis-1,3-Dichloropropene	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Dibromochloromethane	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Dibromomethane	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Dichlorodifluoromethane	ND	139	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Ethylbenzene	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Hexachlorobutadiene	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Isopropylbenzene	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
m,p-Xylene	ND	139	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Methyl tert-butyl ether	ND	139	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Methylene Chloride	ND	348	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Naphthalene	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
n-Butylbenzene	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
n-Propylbenzene	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
o-Xylene	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
sec-Butylbenzene	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Styrene	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
tert-Butylbenzene	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Tetrachloroethene	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Toluene	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
trans-1,2-Dichloroethene	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
trans-1,3-Dichloropropene	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Trichloroethene	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Trichlorofluoromethane	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Vinyl Chloride	ND	69.6	µg/Kg-dry	1	11/15/2024 5:49:00 PM
Surr: 1,2-Dichloroethane-d4	95.6	71.5 - 124	%Rec	1	11/15/2024 5:49:00 PM
Surr: 4-Bromofluorobenzene	93.3	75.7 - 122	%Rec	1	11/15/2024 5:49:00 PM
Surr: Dibromofluoromethane	98.9	64.3 - 124	%Rec	1	11/15/2024 5:49:00 PM
Surr: Toluene-d8	107	74.9 - 120	%Rec	1	11/15/2024 5:49:00 PM

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

Lab ID: 2411164-008 **Matrix:** SOIL
Client Sample ID MW-10 5' **Collection Date:** 11/14/2024 9:11:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
NWTPH-DX				**NWTPH-DX**	**SW3545A**	Analyst: **MB**
Diesel Range Organics	ND	21.7		mg/Kg-dry	1	11/20/2024 12:00:50 AM
Oil Range Organics	ND	65.2		mg/Kg-dry	1	11/20/2024 12:00:50 AM
Surr: o-Terphenyl	88.0	50 - 150		%Rec	1	11/20/2024 12:00:50 AM
NWTPH-GX				**NWTPH-GX**	**SW 5035**	Analyst: **LB**
Gasoline Range Organics	ND	3.11		mg/Kg-dry	1	11/15/2024 7:10:00 PM
Surr: 4-Bromofluorobenzene	103	50 - 150		%Rec	1	11/15/2024 7:10:00 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**SW8260D**	**SW 5035**	Analyst: **LB**
1,1,1,2-Tetrachloroethane	ND	62.3		µg/Kg-dry	1	11/15/2024 6:11:00 PM
1,1,1-Trichloroethane	ND	62.3		µg/Kg-dry	1	11/15/2024 6:11:00 PM
1,1,2,2-Tetrachloroethane	ND	62.3		µg/Kg-dry	1	11/15/2024 6:11:00 PM
1,1,2-Trichloroethane	ND	62.3		µg/Kg-dry	1	11/15/2024 6:11:00 PM
1,1-Dichloroethane	ND	62.3		µg/Kg-dry	1	11/15/2024 6:11:00 PM
1,1-Dichloroethene	ND	62.3		µg/Kg-dry	1	11/15/2024 6:11:00 PM
1,1-Dichloropropene	ND	62.3		µg/Kg-dry	1	11/15/2024 6:11:00 PM
1,2,3-Trichlorobenzene	ND	62.3		µg/Kg-dry	1	11/15/2024 6:11:00 PM
1,2,3-Trichloropropane	ND	62.3		µg/Kg-dry	1	11/15/2024 6:11:00 PM
1,2,4-Trichlorobenzene	ND	62.3		µg/Kg-dry	1	11/15/2024 6:11:00 PM
1,2,4-Trimethylbenzene	ND	62.3		µg/Kg-dry	1	11/15/2024 6:11:00 PM
1,2-Dibromo-3-chloropropane	ND	31.1		µg/Kg-dry	1	11/15/2024 6:11:00 PM
1,2-Dibromoethane	ND	62.3		µg/Kg-dry	1	11/15/2024 6:11:00 PM
1,2-Dichlorobenzene	ND	62.3		µg/Kg-dry	1	11/15/2024 6:11:00 PM
1,2-Dichloroethane	ND	62.3		µg/Kg-dry	1	11/15/2024 6:11:00 PM
1,2-Dichloropropane	ND	62.3		µg/Kg-dry	1	11/15/2024 6:11:00 PM
1,3,5-Trimethylbenzene	ND	62.3		µg/Kg-dry	1	11/15/2024 6:11:00 PM
1,3-Dichlorobenzene	ND	62.3		µg/Kg-dry	1	11/15/2024 6:11:00 PM
1,3-Dichloropropane	ND	62.3		µg/Kg-dry	1	11/15/2024 6:11:00 PM
1,4-Dichlorobenzene	ND	62.3		µg/Kg-dry	1	11/15/2024 6:11:00 PM
2,2-Dichloropropane	ND	62.3		µg/Kg-dry	1	11/15/2024 6:11:00 PM
2-Butanone	ND	125		µg/Kg-dry	1	11/15/2024 6:11:00 PM
2-Chlorotoluene	ND	62.3		µg/Kg-dry	1	11/15/2024 6:11:00 PM
2-Hexanone	ND	125		µg/Kg-dry	1	11/15/2024 6:11:00 PM
4-Chlorotoluene	ND	62.3		µg/Kg-dry	1	11/15/2024 6:11:00 PM
4-Isopropyltoluene	ND	62.3		µg/Kg-dry	1	11/15/2024 6:11:00 PM
4-Methyl-2-pentanone	ND	125		µg/Kg-dry	1	11/15/2024 6:11:00 PM
Acetone	ND	249		µg/Kg-dry	1	11/15/2024 6:11:00 PM
Benzene	ND	62.3		µg/Kg-dry	1	11/15/2024 6:11:00 PM

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

VOLATILE ORGANIC COMPOUNDS BY GC/MS			SW8260D	SW 5035	Analyst: LB
Bromobenzene	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Bromochloromethane	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Bromodichloromethane	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Bromoform	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Bromomethane	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Carbon Disulfide	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Carbon tetrachloride	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Chlorobenzene	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Chloroethane	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Chloroform	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Chloromethane	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
cis-1,2-Dichloroethene	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
cis-1,3-Dichloropropene	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Dibromochloromethane	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Dibromomethane	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Dichlorodifluoromethane	ND	125	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Ethylbenzene	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Hexachlorobutadiene	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Isopropylbenzene	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
m,p-Xylene	ND	125	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Methyl tert-butyl ether	ND	125	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Methylene Chloride	ND	311	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Naphthalene	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
n-Butylbenzene	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
n-Propylbenzene	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
o-Xylene	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
sec-Butylbenzene	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Styrene	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
tert-Butylbenzene	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Tetrachloroethene	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Toluene	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
trans-1,2-Dichloroethene	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
trans-1,3-Dichloropropene	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Trichloroethene	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Trichlorofluoromethane	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Vinyl Chloride	ND	62.3	µg/Kg-dry	1	11/15/2024 6:11:00 PM
Surr: 1,2-Dichloroethane-d4	96.7	71.5 - 124	%Rec	1	11/15/2024 6:11:00 PM
Surr: 4-Bromofluorobenzene	94.8	75.7 - 122	%Rec	1	11/15/2024 6:11:00 PM
Surr: Dibromofluoromethane	98.9	64.3 - 124	%Rec	1	11/15/2024 6:11:00 PM
Surr: Toluene-d8	107	74.9 - 120	%Rec	1	11/15/2024 6:11:00 PM

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

Lab ID: 2411164-009 **Matrix:** SOIL
Client Sample ID MW-10 10' **Collection Date:** 11/14/2024 9:19:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
NWTPH-DX				**NWTPH-DX**	**SW3545A**	Analyst: **MB**
Diesel Range Organics	ND	22.4		mg/Kg-dry	1	11/19/2024 10:19:50 PM
Oil Range Organics	ND	67.2		mg/Kg-dry	1	11/19/2024 10:19:50 PM
Surr: o-Terphenyl	90.8	50 - 150		%Rec	1	11/19/2024 10:19:50 PM
NWTPH-GX				**NWTPH-GX**	**SW 5035**	Analyst: **LB**
Gasoline Range Organics	ND	3.79		mg/Kg-dry	1	11/15/2024 7:32:00 PM
Surr: 4-Bromofluorobenzene	102	50 - 150		%Rec	1	11/15/2024 7:32:00 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**SW8260D**	**SW 5035**	Analyst: **LB**
1,1,1,2-Tetrachloroethane	ND	75.7		µg/Kg-dry	1	11/15/2024 6:33:00 PM
1,1,1-Trichloroethane	ND	75.7		µg/Kg-dry	1	11/15/2024 6:33:00 PM
1,1,2,2-Tetrachloroethane	ND	75.7		µg/Kg-dry	1	11/15/2024 6:33:00 PM
1,1,2-Trichloroethane	ND	75.7		µg/Kg-dry	1	11/15/2024 6:33:00 PM
1,1-Dichloroethane	ND	75.7		µg/Kg-dry	1	11/15/2024 6:33:00 PM
1,1-Dichloroethene	ND	75.7		µg/Kg-dry	1	11/15/2024 6:33:00 PM
1,1-Dichloropropene	ND	75.7		µg/Kg-dry	1	11/15/2024 6:33:00 PM
1,2,3-Trichlorobenzene	ND	75.7		µg/Kg-dry	1	11/15/2024 6:33:00 PM
1,2,3-Trichloropropane	ND	75.7		µg/Kg-dry	1	11/15/2024 6:33:00 PM
1,2,4-Trichlorobenzene	ND	75.7		µg/Kg-dry	1	11/15/2024 6:33:00 PM
1,2,4-Trimethylbenzene	ND	75.7		µg/Kg-dry	1	11/15/2024 6:33:00 PM
1,2-Dibromo-3-chloropropane	ND	37.9		µg/Kg-dry	1	11/15/2024 6:33:00 PM
1,2-Dibromoethane	ND	75.7		µg/Kg-dry	1	11/15/2024 6:33:00 PM
1,2-Dichlorobenzene	ND	75.7		µg/Kg-dry	1	11/15/2024 6:33:00 PM
1,2-Dichloroethane	ND	75.7		µg/Kg-dry	1	11/15/2024 6:33:00 PM
1,2-Dichloropropane	ND	75.7		µg/Kg-dry	1	11/15/2024 6:33:00 PM
1,3,5-Trimethylbenzene	ND	75.7		µg/Kg-dry	1	11/15/2024 6:33:00 PM
1,3-Dichlorobenzene	ND	75.7		µg/Kg-dry	1	11/15/2024 6:33:00 PM
1,3-Dichloropropane	ND	75.7		µg/Kg-dry	1	11/15/2024 6:33:00 PM
1,4-Dichlorobenzene	ND	75.7		µg/Kg-dry	1	11/15/2024 6:33:00 PM
2,2-Dichloropropane	ND	75.7		µg/Kg-dry	1	11/15/2024 6:33:00 PM
2-Butanone	ND	151		µg/Kg-dry	1	11/15/2024 6:33:00 PM
2-Chlorotoluene	ND	75.7		µg/Kg-dry	1	11/15/2024 6:33:00 PM
2-Hexanone	ND	151		µg/Kg-dry	1	11/15/2024 6:33:00 PM
4-Chlorotoluene	ND	75.7		µg/Kg-dry	1	11/15/2024 6:33:00 PM
4-Isopropyltoluene	ND	75.7		µg/Kg-dry	1	11/15/2024 6:33:00 PM
4-Methyl-2-pentanone	ND	151		µg/Kg-dry	1	11/15/2024 6:33:00 PM
Acetone	ND	303		µg/Kg-dry	1	11/15/2024 6:33:00 PM
Benzene	ND	75.7		µg/Kg-dry	1	11/15/2024 6:33:00 PM

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

VOLATILE ORGANIC COMPOUNDS BY GC/MS			SW8260D	SW 5035	Analyst: LB
Bromobenzene	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Bromochloromethane	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Bromodichloromethane	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Bromoform	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Bromomethane	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Carbon Disulfide	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Carbon tetrachloride	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Chlorobenzene	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Chloroethane	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Chloroform	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Chloromethane	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
cis-1,2-Dichloroethene	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
cis-1,3-Dichloropropene	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Dibromochloromethane	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Dibromomethane	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Dichlorodifluoromethane	ND	151	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Ethylbenzene	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Hexachlorobutadiene	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Isopropylbenzene	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
m,p-Xylene	ND	151	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Methyl tert-butyl ether	ND	151	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Methylene Chloride	ND	379	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Naphthalene	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
n-Butylbenzene	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
n-Propylbenzene	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
o-Xylene	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
sec-Butylbenzene	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Styrene	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
tert-Butylbenzene	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Tetrachloroethene	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Toluene	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
trans-1,2-Dichloroethene	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
trans-1,3-Dichloropropene	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Trichloroethene	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Trichlorofluoromethane	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Vinyl Chloride	ND	75.7	µg/Kg-dry	1	11/15/2024 6:33:00 PM
Surr: 1,2-Dichloroethane-d4	99.7	71.5 - 124	%Rec	1	11/15/2024 6:33:00 PM
Surr: 4-Bromofluorobenzene	95.8	75.7 - 122	%Rec	1	11/15/2024 6:33:00 PM
Surr: Dibromofluoromethane	100	64.3 - 124	%Rec	1	11/15/2024 6:33:00 PM
Surr: Toluene-d8	107	74.9 - 120	%Rec	1	11/15/2024 6:33:00 PM

Specialty Analytical

WO#: **2411164**
Date Reported: **11/22/2024**

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

Lab ID: 2411164-010 **Matrix:** SOIL
Client Sample ID MW-10 19' **Collection Date:** 11/14/2024 9:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
NWTPH-DX				**NWTPH-DX**	**SW3545A**	Analyst: **MB**
Diesel Range Organics	ND	22.2		mg/Kg-dry	1	11/19/2024 10:44:50 PM
Oil Range Organics	ND	66.5		mg/Kg-dry	1	11/19/2024 10:44:50 PM
Surr: o-Terphenyl	84.1	50 - 150		%Rec	1	11/19/2024 10:44:50 PM
NWTPH-GX				**NWTPH-GX**	**SW 5035**	Analyst: **LB**
Gasoline Range Organics	ND	3.44		mg/Kg-dry	1	11/15/2024 7:53:00 PM
Surr: 4-Bromofluorobenzene	100	50 - 150		%Rec	1	11/15/2024 7:53:00 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**SW8260D**	**SW 5035**	Analyst: **LB**
1,1,1,2-Tetrachloroethane	ND	68.8		µg/Kg-dry	1	11/15/2024 6:55:00 PM
1,1,1-Trichloroethane	ND	68.8		µg/Kg-dry	1	11/15/2024 6:55:00 PM
1,1,2,2-Tetrachloroethane	ND	68.8		µg/Kg-dry	1	11/15/2024 6:55:00 PM
1,1,2-Trichloroethane	ND	68.8		µg/Kg-dry	1	11/15/2024 6:55:00 PM
1,1-Dichloroethane	ND	68.8		µg/Kg-dry	1	11/15/2024 6:55:00 PM
1,1-Dichloroethene	ND	68.8		µg/Kg-dry	1	11/15/2024 6:55:00 PM
1,1-Dichloropropene	ND	68.8		µg/Kg-dry	1	11/15/2024 6:55:00 PM
1,2,3-Trichlorobenzene	ND	68.8		µg/Kg-dry	1	11/15/2024 6:55:00 PM
1,2,3-Trichloropropane	ND	68.8		µg/Kg-dry	1	11/15/2024 6:55:00 PM
1,2,4-Trichlorobenzene	ND	68.8		µg/Kg-dry	1	11/15/2024 6:55:00 PM
1,2,4-Trimethylbenzene	ND	68.8		µg/Kg-dry	1	11/15/2024 6:55:00 PM
1,2-Dibromo-3-chloropropane	ND	34.4		µg/Kg-dry	1	11/15/2024 6:55:00 PM
1,2-Dibromoethane	ND	68.8		µg/Kg-dry	1	11/15/2024 6:55:00 PM
1,2-Dichlorobenzene	ND	68.8		µg/Kg-dry	1	11/15/2024 6:55:00 PM
1,2-Dichloroethane	ND	68.8		µg/Kg-dry	1	11/15/2024 6:55:00 PM
1,2-Dichloropropane	ND	68.8		µg/Kg-dry	1	11/15/2024 6:55:00 PM
1,3,5-Trimethylbenzene	ND	68.8		µg/Kg-dry	1	11/15/2024 6:55:00 PM
1,3-Dichlorobenzene	ND	68.8		µg/Kg-dry	1	11/15/2024 6:55:00 PM
1,3-Dichloropropane	ND	68.8		µg/Kg-dry	1	11/15/2024 6:55:00 PM
1,4-Dichlorobenzene	ND	68.8		µg/Kg-dry	1	11/15/2024 6:55:00 PM
2,2-Dichloropropane	ND	68.8		µg/Kg-dry	1	11/15/2024 6:55:00 PM
2-Butanone	ND	138		µg/Kg-dry	1	11/15/2024 6:55:00 PM
2-Chlorotoluene	ND	68.8		µg/Kg-dry	1	11/15/2024 6:55:00 PM
2-Hexanone	ND	138		µg/Kg-dry	1	11/15/2024 6:55:00 PM
4-Chlorotoluene	ND	68.8		µg/Kg-dry	1	11/15/2024 6:55:00 PM
4-Isopropyltoluene	ND	68.8		µg/Kg-dry	1	11/15/2024 6:55:00 PM
4-Methyl-2-pentanone	ND	138		µg/Kg-dry	1	11/15/2024 6:55:00 PM
Acetone	ND	275		µg/Kg-dry	1	11/15/2024 6:55:00 PM
Benzene	ND	68.8		µg/Kg-dry	1	11/15/2024 6:55:00 PM

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

VOLATILE ORGANIC COMPOUNDS BY GC/MS			SW8260D	SW 5035	Analyst: LB
Bromobenzene	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Bromochloromethane	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Bromodichloromethane	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Bromoform	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Bromomethane	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Carbon Disulfide	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Carbon tetrachloride	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Chlorobenzene	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Chloroethane	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Chloroform	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Chloromethane	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
cis-1,2-Dichloroethene	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
cis-1,3-Dichloropropene	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Dibromochloromethane	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Dibromomethane	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Dichlorodifluoromethane	ND	138	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Ethylbenzene	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Hexachlorobutadiene	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Isopropylbenzene	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
m,p-Xylene	ND	138	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Methyl tert-butyl ether	ND	138	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Methylene Chloride	ND	344	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Naphthalene	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
n-Butylbenzene	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
n-Propylbenzene	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
o-Xylene	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
sec-Butylbenzene	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Styrene	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
tert-Butylbenzene	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Tetrachloroethene	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Toluene	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
trans-1,2-Dichloroethene	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
trans-1,3-Dichloropropene	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Trichloroethene	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Trichlorofluoromethane	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Vinyl Chloride	ND	68.8	µg/Kg-dry	1	11/15/2024 6:55:00 PM
Surr: 1,2-Dichloroethane-d4	98.4	71.5 - 124	%Rec	1	11/15/2024 6:55:00 PM
Surr: 4-Bromofluorobenzene	91.0	75.7 - 122	%Rec	1	11/15/2024 6:55:00 PM
Surr: Dibromofluoromethane	99.5	64.3 - 124	%Rec	1	11/15/2024 6:55:00 PM
Surr: Toluene-d8	107	74.9 - 120	%Rec	1	11/15/2024 6:55:00 PM

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

Lab ID: 2411164-011 **Matrix:** SOIL
Client Sample ID MW-11 **Collection Date:** 11/14/2024 10:22:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
NWTPH-DX				**NWTPH-DX**	**SW3545A**	Analyst: **MB**
Diesel Range Organics	ND	22.2		mg/Kg-dry	1	11/20/2024 12:25:50 AM
Oil Range Organics	ND	66.7		mg/Kg-dry	1	11/20/2024 12:25:50 AM
Surr: o-Terphenyl	67.9	50 - 150		%Rec	1	11/20/2024 12:25:50 AM
NWTPH-GX				**NWTPH-GX**	**SW 5035**	Analyst: **LB**
Gasoline Range Organics	ND	3.54		mg/Kg-dry	1	11/15/2024 8:15:00 PM
Surr: 4-Bromofluorobenzene	99.2	50 - 150		%Rec	1	11/15/2024 8:15:00 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**SW8260D**	**SW 5035**	Analyst: **LB**
1,1,1,2-Tetrachloroethane	ND	70.7		µg/Kg-dry	1	11/15/2024 7:17:00 PM
1,1,1-Trichloroethane	ND	70.7		µg/Kg-dry	1	11/15/2024 7:17:00 PM
1,1,2,2-Tetrachloroethane	ND	70.7		µg/Kg-dry	1	11/15/2024 7:17:00 PM
1,1,2-Trichloroethane	ND	70.7		µg/Kg-dry	1	11/15/2024 7:17:00 PM
1,1-Dichloroethane	ND	70.7		µg/Kg-dry	1	11/15/2024 7:17:00 PM
1,1-Dichloroethene	ND	70.7		µg/Kg-dry	1	11/15/2024 7:17:00 PM
1,1-Dichloropropene	ND	70.7		µg/Kg-dry	1	11/15/2024 7:17:00 PM
1,2,3-Trichlorobenzene	ND	70.7		µg/Kg-dry	1	11/15/2024 7:17:00 PM
1,2,3-Trichloropropane	ND	70.7		µg/Kg-dry	1	11/15/2024 7:17:00 PM
1,2,4-Trichlorobenzene	ND	70.7		µg/Kg-dry	1	11/15/2024 7:17:00 PM
1,2,4-Trimethylbenzene	ND	70.7		µg/Kg-dry	1	11/15/2024 7:17:00 PM
1,2-Dibromo-3-chloropropane	ND	35.4		µg/Kg-dry	1	11/15/2024 7:17:00 PM
1,2-Dibromoethane	ND	70.7		µg/Kg-dry	1	11/15/2024 7:17:00 PM
1,2-Dichlorobenzene	ND	70.7		µg/Kg-dry	1	11/15/2024 7:17:00 PM
1,2-Dichloroethane	ND	70.7		µg/Kg-dry	1	11/15/2024 7:17:00 PM
1,2-Dichloropropane	ND	70.7		µg/Kg-dry	1	11/15/2024 7:17:00 PM
1,3,5-Trimethylbenzene	ND	70.7		µg/Kg-dry	1	11/15/2024 7:17:00 PM
1,3-Dichlorobenzene	ND	70.7		µg/Kg-dry	1	11/15/2024 7:17:00 PM
1,3-Dichloropropane	ND	70.7		µg/Kg-dry	1	11/15/2024 7:17:00 PM
1,4-Dichlorobenzene	ND	70.7		µg/Kg-dry	1	11/15/2024 7:17:00 PM
2,2-Dichloropropane	ND	70.7		µg/Kg-dry	1	11/15/2024 7:17:00 PM
2-Butanone	ND	141		µg/Kg-dry	1	11/15/2024 7:17:00 PM
2-Chlorotoluene	ND	70.7		µg/Kg-dry	1	11/15/2024 7:17:00 PM
2-Hexanone	ND	141		µg/Kg-dry	1	11/15/2024 7:17:00 PM
4-Chlorotoluene	ND	70.7		µg/Kg-dry	1	11/15/2024 7:17:00 PM
4-Isopropyltoluene	ND	70.7		µg/Kg-dry	1	11/15/2024 7:17:00 PM
4-Methyl-2-pentanone	ND	141		µg/Kg-dry	1	11/15/2024 7:17:00 PM
Acetone	ND	283		µg/Kg-dry	1	11/15/2024 7:17:00 PM
Benzene	ND	70.7		µg/Kg-dry	1	11/15/2024 7:17:00 PM

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

VOLATILE ORGANIC COMPOUNDS BY GC/MS			SW8260D	SW 5035	Analyst: LB
Bromobenzene	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Bromochloromethane	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Bromodichloromethane	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Bromoform	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Bromomethane	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Carbon Disulfide	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Carbon tetrachloride	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Chlorobenzene	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Chloroethane	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Chloroform	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Chloromethane	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
cis-1,2-Dichloroethene	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
cis-1,3-Dichloropropene	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Dibromochloromethane	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Dibromomethane	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Dichlorodifluoromethane	ND	141	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Ethylbenzene	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Hexachlorobutadiene	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Isopropylbenzene	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
m,p-Xylene	ND	141	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Methyl tert-butyl ether	ND	141	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Methylene Chloride	ND	354	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Naphthalene	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
n-Butylbenzene	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
n-Propylbenzene	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
o-Xylene	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
sec-Butylbenzene	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Styrene	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
tert-Butylbenzene	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Tetrachloroethene	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Toluene	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
trans-1,2-Dichloroethene	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
trans-1,3-Dichloropropene	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Trichloroethene	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Trichlorofluoromethane	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Vinyl Chloride	ND	70.7	µg/Kg-dry	1	11/15/2024 7:17:00 PM
Surr: 1,2-Dichloroethane-d4	97.2	71.5 - 124	%Rec	1	11/15/2024 7:17:00 PM
Surr: 4-Bromofluorobenzene	84.2	75.7 - 122	%Rec	1	11/15/2024 7:17:00 PM
Surr: Dibromofluoromethane	98.4	64.3 - 124	%Rec	1	11/15/2024 7:17:00 PM
Surr: Toluene-d8	105	74.9 - 120	%Rec	1	11/15/2024 7:17:00 PM

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

Lab ID: 2411164-012 **Matrix:** SOIL
Client Sample ID MW-11 **Collection Date:** 11/14/2024 10:31:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
NWTPH-DX				**NWTPH-DX**	**SW3545A**	Analyst: **MB**
Diesel Range Organics	ND	24.4		mg/Kg-dry	1	11/20/2024 1:16:50 AM
Oil Range Organics	ND	73.1		mg/Kg-dry	1	11/20/2024 1:16:50 AM
Surr: o-Terphenyl	81.5	50 - 150		%Rec	1	11/20/2024 1:16:50 AM
NWTPH-GX				**NWTPH-GX**	**SW 5035**	Analyst: **LB**
Gasoline Range Organics	ND	4.54		mg/Kg-dry	1	11/15/2024 8:36:00 PM
Surr: 4-Bromofluorobenzene	96.7	50 - 150		%Rec	1	11/15/2024 8:36:00 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**SW8260D**	**SW 5035**	Analyst: **LB**
1,1,1,2-Tetrachloroethane	ND	90.9		µg/Kg-dry	1	11/15/2024 7:39:00 PM
1,1,1-Trichloroethane	ND	90.9		µg/Kg-dry	1	11/15/2024 7:39:00 PM
1,1,2,2-Tetrachloroethane	ND	90.9		µg/Kg-dry	1	11/15/2024 7:39:00 PM
1,1,2-Trichloroethane	ND	90.9		µg/Kg-dry	1	11/15/2024 7:39:00 PM
1,1-Dichloroethane	ND	90.9		µg/Kg-dry	1	11/15/2024 7:39:00 PM
1,1-Dichloroethene	ND	90.9		µg/Kg-dry	1	11/15/2024 7:39:00 PM
1,1-Dichloropropene	ND	90.9		µg/Kg-dry	1	11/15/2024 7:39:00 PM
1,2,3-Trichlorobenzene	ND	90.9		µg/Kg-dry	1	11/15/2024 7:39:00 PM
1,2,3-Trichloropropane	ND	90.9		µg/Kg-dry	1	11/15/2024 7:39:00 PM
1,2,4-Trichlorobenzene	ND	90.9		µg/Kg-dry	1	11/15/2024 7:39:00 PM
1,2,4-Trimethylbenzene	ND	90.9		µg/Kg-dry	1	11/15/2024 7:39:00 PM
1,2-Dibromo-3-chloropropane	ND	45.4		µg/Kg-dry	1	11/15/2024 7:39:00 PM
1,2-Dibromoethane	ND	90.9		µg/Kg-dry	1	11/15/2024 7:39:00 PM
1,2-Dichlorobenzene	ND	90.9		µg/Kg-dry	1	11/15/2024 7:39:00 PM
1,2-Dichloroethane	ND	90.9		µg/Kg-dry	1	11/15/2024 7:39:00 PM
1,2-Dichloropropane	ND	90.9		µg/Kg-dry	1	11/15/2024 7:39:00 PM
1,3,5-Trimethylbenzene	ND	90.9		µg/Kg-dry	1	11/15/2024 7:39:00 PM
1,3-Dichlorobenzene	ND	90.9		µg/Kg-dry	1	11/15/2024 7:39:00 PM
1,3-Dichloropropane	ND	90.9		µg/Kg-dry	1	11/15/2024 7:39:00 PM
1,4-Dichlorobenzene	ND	90.9		µg/Kg-dry	1	11/15/2024 7:39:00 PM
2,2-Dichloropropane	ND	90.9		µg/Kg-dry	1	11/15/2024 7:39:00 PM
2-Butanone	ND	182		µg/Kg-dry	1	11/15/2024 7:39:00 PM
2-Chlorotoluene	ND	90.9		µg/Kg-dry	1	11/15/2024 7:39:00 PM
2-Hexanone	ND	182		µg/Kg-dry	1	11/15/2024 7:39:00 PM
4-Chlorotoluene	ND	90.9		µg/Kg-dry	1	11/15/2024 7:39:00 PM
4-Isopropyltoluene	ND	90.9		µg/Kg-dry	1	11/15/2024 7:39:00 PM
4-Methyl-2-pentanone	ND	182		µg/Kg-dry	1	11/15/2024 7:39:00 PM
Acetone	ND	364		µg/Kg-dry	1	11/15/2024 7:39:00 PM
Benzene	ND	90.9		µg/Kg-dry	1	11/15/2024 7:39:00 PM

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

VOLATILE ORGANIC COMPOUNDS BY GC/MS			SW8260D	SW 5035	Analyst: LB
Bromobenzene	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Bromochloromethane	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Bromodichloromethane	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Bromoform	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Bromomethane	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Carbon Disulfide	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Carbon tetrachloride	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Chlorobenzene	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Chloroethane	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Chloroform	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Chloromethane	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
cis-1,2-Dichloroethene	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
cis-1,3-Dichloropropene	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Dibromochloromethane	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Dibromomethane	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Dichlorodifluoromethane	ND	182	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Ethylbenzene	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Hexachlorobutadiene	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Isopropylbenzene	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
m,p-Xylene	ND	182	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Methyl tert-butyl ether	ND	182	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Methylene Chloride	ND	454	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Naphthalene	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
n-Butylbenzene	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
n-Propylbenzene	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
o-Xylene	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
sec-Butylbenzene	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Styrene	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
tert-Butylbenzene	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Tetrachloroethene	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Toluene	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
trans-1,2-Dichloroethene	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
trans-1,3-Dichloropropene	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Trichloroethene	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Trichlorofluoromethane	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Vinyl Chloride	ND	90.9	µg/Kg-dry	1	11/15/2024 7:39:00 PM
Surr: 1,2-Dichloroethane-d4	96.6	71.5 - 124	%Rec	1	11/15/2024 7:39:00 PM
Surr: 4-Bromofluorobenzene	92.5	75.7 - 122	%Rec	1	11/15/2024 7:39:00 PM
Surr: Dibromofluoromethane	98.0	64.3 - 124	%Rec	1	11/15/2024 7:39:00 PM
Surr: Toluene-d8	107	74.9 - 120	%Rec	1	11/15/2024 7:39:00 PM

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

Lab ID: 2411164-013 **Matrix:** SOIL
Client Sample ID MW-11 **Collection Date:** 11/14/2024 10:44:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
NWTPH-DX				**NWTPH-DX**	**SW3545A**	Analyst: **MB**
Diesel Range Organics	ND	22.6		mg/Kg-dry	1	11/19/2024 11:10:50 PM
Oil Range Organics	ND	67.7		mg/Kg-dry	1	11/19/2024 11:10:50 PM
Surr: o-Terphenyl	85.8	50 - 150		%Rec	1	11/19/2024 11:10:50 PM
NWTPH-GX				**NWTPH-GX**	**SW 5035**	Analyst: **LB**
Gasoline Range Organics	ND	3.55		mg/Kg-dry	1	11/15/2024 8:57:00 PM
Surr: 4-Bromofluorobenzene	96.8	50 - 150		%Rec	1	11/15/2024 8:57:00 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**SW8260D**	**SW 5035**	Analyst: **LB**
1,1,1,2-Tetrachloroethane	ND	70.9		µg/Kg-dry	1	11/15/2024 8:01:00 PM
1,1,1-Trichloroethane	ND	70.9		µg/Kg-dry	1	11/15/2024 8:01:00 PM
1,1,2,2-Tetrachloroethane	ND	70.9		µg/Kg-dry	1	11/15/2024 8:01:00 PM
1,1,2-Trichloroethane	ND	70.9		µg/Kg-dry	1	11/15/2024 8:01:00 PM
1,1-Dichloroethane	ND	70.9		µg/Kg-dry	1	11/15/2024 8:01:00 PM
1,1-Dichloroethene	ND	70.9		µg/Kg-dry	1	11/15/2024 8:01:00 PM
1,1-Dichloropropene	ND	70.9		µg/Kg-dry	1	11/15/2024 8:01:00 PM
1,2,3-Trichlorobenzene	ND	70.9		µg/Kg-dry	1	11/15/2024 8:01:00 PM
1,2,3-Trichloropropane	ND	70.9		µg/Kg-dry	1	11/15/2024 8:01:00 PM
1,2,4-Trichlorobenzene	ND	70.9		µg/Kg-dry	1	11/15/2024 8:01:00 PM
1,2,4-Trimethylbenzene	ND	70.9		µg/Kg-dry	1	11/15/2024 8:01:00 PM
1,2-Dibromo-3-chloropropane	ND	35.5		µg/Kg-dry	1	11/15/2024 8:01:00 PM
1,2-Dibromoethane	ND	70.9		µg/Kg-dry	1	11/15/2024 8:01:00 PM
1,2-Dichlorobenzene	ND	70.9		µg/Kg-dry	1	11/15/2024 8:01:00 PM
1,2-Dichloroethane	ND	70.9		µg/Kg-dry	1	11/15/2024 8:01:00 PM
1,2-Dichloropropane	ND	70.9		µg/Kg-dry	1	11/15/2024 8:01:00 PM
1,3,5-Trimethylbenzene	ND	70.9		µg/Kg-dry	1	11/15/2024 8:01:00 PM
1,3-Dichlorobenzene	ND	70.9		µg/Kg-dry	1	11/15/2024 8:01:00 PM
1,3-Dichloropropane	ND	70.9		µg/Kg-dry	1	11/15/2024 8:01:00 PM
1,4-Dichlorobenzene	ND	70.9		µg/Kg-dry	1	11/15/2024 8:01:00 PM
2,2-Dichloropropane	ND	70.9		µg/Kg-dry	1	11/15/2024 8:01:00 PM
2-Butanone	ND	142		µg/Kg-dry	1	11/15/2024 8:01:00 PM
2-Chlorotoluene	ND	70.9		µg/Kg-dry	1	11/15/2024 8:01:00 PM
2-Hexanone	ND	142		µg/Kg-dry	1	11/15/2024 8:01:00 PM
4-Chlorotoluene	ND	70.9		µg/Kg-dry	1	11/15/2024 8:01:00 PM
4-Isopropyltoluene	ND	70.9		µg/Kg-dry	1	11/15/2024 8:01:00 PM
4-Methyl-2-pentanone	ND	142		µg/Kg-dry	1	11/15/2024 8:01:00 PM
Acetone	ND	284		µg/Kg-dry	1	11/15/2024 8:01:00 PM
Benzene	ND	70.9		µg/Kg-dry	1	11/15/2024 8:01:00 PM

CLIENT: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

VOLATILE ORGANIC COMPOUNDS BY GC/MS			SW8260D	SW 5035	Analyst: LB
Bromobenzene	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Bromochloromethane	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Bromodichloromethane	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Bromoform	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Bromomethane	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Carbon Disulfide	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Carbon tetrachloride	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Chlorobenzene	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Chloroethane	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Chloroform	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Chloromethane	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
cis-1,2-Dichloroethene	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
cis-1,3-Dichloropropene	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Dibromochloromethane	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Dibromomethane	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Dichlorodifluoromethane	ND	142	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Ethylbenzene	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Hexachlorobutadiene	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Isopropylbenzene	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
m,p-Xylene	ND	142	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Methyl tert-butyl ether	ND	142	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Methylene Chloride	ND	355	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Naphthalene	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
n-Butylbenzene	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
n-Propylbenzene	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
o-Xylene	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
sec-Butylbenzene	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Styrene	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
tert-Butylbenzene	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Tetrachloroethene	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Toluene	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
trans-1,2-Dichloroethene	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
trans-1,3-Dichloropropene	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Trichloroethene	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Trichlorofluoromethane	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Vinyl Chloride	ND	70.9	µg/Kg-dry	1	11/15/2024 8:01:00 PM
Surr: 1,2-Dichloroethane-d4	95.8	71.5 - 124	%Rec	1	11/15/2024 8:01:00 PM
Surr: 4-Bromofluorobenzene	80.3	75.7 - 122	%Rec	1	11/15/2024 8:01:00 PM
Surr: Dibromofluoromethane	96.4	64.3 - 124	%Rec	1	11/15/2024 8:01:00 PM
Surr: Toluene-d8	108	74.9 - 120	%Rec	1	11/15/2024 8:01:00 PM

Specialty Analytical
9011 SE Jannsen Ra
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

Accreditation Program Analytes Report

WO#: **2411164**
22-Nov-24

Client: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-001A	MW-8 5'	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	2-Hexanone	A
					1,3-Dichloropropane	A
					1,2,3-Trichlorobenzene	A
					n-Propylbenzene	A
					Bromoform	A
					Bromomethane	A
					1,3-Dichlorobenzene	A
					Naphthalene	A
					Carbon Disulfide	A
					1,1,1,2-Tetrachloroethane	A
					n-Butylbenzene	A
					Acetone	A
					1,3,5-Trimethylbenzene	A
					Carbon tetrachloride	A
					Bromodichloromethane	A
					1,2-Dichloropropane	A
					Trichloroethene	A
					trans-1,3-Dichloropropene	A
					Benzene	A
					1,1-Dichloropropene	A
					Tetrachloroethene	A
					4-Chlorotoluene	A
					tert-Butylbenzene	A
					4-Methyl-2-pentanone	A
					2-Chlorotoluene	A
					Styrene	A
					1,1-Dichloroethene	A
					Toluene	A
					trans-1,2-Dichloroethene	A
					2-Butanone	A
					Bromobenzene	A

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Accreditation Program Analytes Report

WO#: **2411164**
22-Nov-24

Client: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-001A	MW-8 5'	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	2,2-Dichloropropane	A
					o-Xylene	A
					Bromochloromethane	A
					1,4-Dichlorobenzene	A
					1,1,2,2-Tetrachloroethane	A
					1,1,1-Trichloroethane	A
					Dibromomethane	A
					1,2-Dibromoethane	A
					1,2,3-Trichloropropane	A
					cis-1,2-Dichloroethene	A
					Chlorobenzene	A
					1,2-Dibromo-3-chloropropane	A
					Chloromethane	A
					Vinyl Chloride	A
					Methyl tert-butyl ether	A
					m,p-Xylene	A
					1,2,4-Trimethylbenzene	A
					1,1,2-Trichloroethane	A
					Dichlorodifluoromethane	A
					1,2,4-Trichlorobenzene	A
					Ethylbenzene	A
					cis-1,3-Dichloropropene	A
					1,2-Dichloroethane	A
					1,1-Dichloroethane	A
					Trichlorofluoromethane	A
					1,2-Dichlorobenzene	A
					Chloroethane	A
					Chloroform	A
					Methylene Chloride	A
	2411164-002A	MW-8 10'			m,p-Xylene	A
					1,1-Dichloropropene	A

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Accreditation Program Analytes Report

WO#: **2411164**

22-Nov-24

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-002A	MW-8 10'	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	Chlorobenzene	A
					Dibromomethane	A
					1,1,2-Trichloroethane	A
					Styrene	A
					Ethylbenzene	A
					4-Methyl-2-pentanone	A
					Carbon tetrachloride	A
					Naphthalene	A
					1,1-Dichloroethane	A
					tert-Butylbenzene	A
					4-Chlorotoluene	A
					Dichlorodifluoromethane	A
					Acetone	A
					n-Butylbenzene	A
					Chloroform	A
					Bromoform	A
					Bromomethane	A
					Chloromethane	A
					n-Propylbenzene	A
					Bromodichloromethane	A
					Carbon Disulfide	A
					1,1,2,2-Tetrachloroethane	A
					Methylene Chloride	A
					Benzene	A
					Bromochloromethane	A
					cis-1,2-Dichloroethene	A
					Chloroethane	A
					cis-1,3-Dichloropropene	A
					o-Xylene	A
					Bromobenzene	A
					Methyl tert-butyl ether	A

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WO#: **2411164**
22-Nov-24

Client: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-002A	MW-8 10'	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	1,1-Dichloroethene	A
					Trichloroethene	A
					2,2-Dichloropropane	A
					1,4-Dichlorobenzene	A
					1,2-Dichloroethane	A
					1,2-Dibromoethane	A
					trans-1,3-Dichloropropene	A
					1,3,5-Trimethylbenzene	A
					1,2,3-Trichloropropane	A
					trans-1,2-Dichloroethene	A
					Toluene	A
					1,1,1-Trichloroethane	A
					2-Butanone	A
					1,2-Dichlorobenzene	A
					1,2-Dibromo-3-chloropropane	A
					Trichlorofluoromethane	A
					2-Hexanone	A
					1,1,1,2-Tetrachloroethane	A
					1,2,4-Trichlorobenzene	A
					Tetrachloroethene	A
					1,3-Dichlorobenzene	A
					1,2,4-Trimethylbenzene	A
					1,3-Dichloropropane	A
					1,2-Dichloropropane	A
					Vinyl Chloride	A
					2-Chlorotoluene	A
					1,2,3-Trichlorobenzene	A
	2411164-003A	MW-8 15'			1,2-Dichloropropane	A
					1,3,5-Trimethylbenzene	A
					1,1,2,2-Tetrachloroethane	A
					Naphthalene	A

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Accreditation Program Analytes Report

WO#: **2411164**
22-Nov-24

Client: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-003A	MW-8 15'	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	1,2-Dichloroethane	A
					Chlorobenzene	A
					n-Butylbenzene	A
					1,1-Dichloroethane	A
					trans-1,3-Dichloropropene	A
					Trichloroethene	A
					cis-1,2-Dichloroethene	A
					Ethylbenzene	A
					Dichlorodifluoromethane	A
					1,2,4-Trichlorobenzene	A
					Dibromomethane	A
					1,2,4-Trimethylbenzene	A
					Vinyl Chloride	A
					m,p-Xylene	A
					1,1,2-Trichloroethane	A
					Chloroform	A
					1,1,1,2-Tetrachloroethane	A
					1,2-Dichlorobenzene	A
					1,2,3-Trichloropropane	A
					1,2-Dibromo-3-chloropropane	A
					Methyl tert-butyl ether	A
					Chloromethane	A
					Trichlorofluoromethane	A
					1,2-Dibromoethane	A
					Methylene Chloride	A
					Chloroethane	A
					cis-1,3-Dichloropropene	A
					Carbon tetrachloride	A
					1,4-Dichlorobenzene	A
					o-Xylene	A
					1,1-Dichloroethene	A

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Accreditation Program Analytes Report

WO#: **2411164**
22-Nov-24

Client: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-003A	MW-8 15'	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	2,2-Dichloropropane	A
					Carbon Disulfide	A
					Benzene	A
					Toluene	A
					Styrene	A
					Bromochloromethane	A
					2-Butanone	A
					Bromobenzene	A
					4-Methyl-2-pentanone	A
					2-Chlorotoluene	A
					4-Chlorotoluene	A
					tert-Butylbenzene	A
					Tetrachloroethene	A
					1,1,1-Trichloroethane	A
					1,1-Dichloropropene	A
					2-Hexanone	A
					Acetone	A
					Bromodichloromethane	A
					Bromomethane	A
					n-Propylbenzene	A
					trans-1,2-Dichloroethene	A
					1,2,3-Trichlorobenzene	A
					1,3-Dichloropropane	A
					1,3-Dichlorobenzene	A
					Bromoform	A
	2411164-004A	MW-8 19'			4-Chlorotoluene	A
					4-Methyl-2-pentanone	A
					Carbon Disulfide	A
					cis-1,3-Dichloropropene	A
					Dibromomethane	A
					1,2-Dichloropropane	A

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Accreditation Program Analytes Report

WO#: **2411164**
22-Nov-24

Client: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-004A	MW-8 19'	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	2-Butanone	A
					1,1,2-Trichloroethane	A
					1,2,4-Trimethylbenzene	A
					1,2,3-Trichloropropane	A
					1,1-Dichloropropene	A
					Bromoform	A
					1,2,4-Trichlorobenzene	A
					1,3,5-Trimethylbenzene	A
					1,2,3-Trichlorobenzene	A
					Dichlorodifluoromethane	A
					2-Hexanone	A
					2-Chlorotoluene	A
					Bromodichloromethane	A
					Chlorobenzene	A
					1,3-Dichloropropane	A
					1,2-Dichlorobenzene	A
					1,4-Dichlorobenzene	A
					1,2-Dibromoethane	A
					1,1-Dichloroethene	A
					Chloroethane	A
					Bromobenzene	A
					cis-1,2-Dichloroethene	A
					1,2-Dichloroethane	A
					Chloroform	A
					2,2-Dichloropropane	A
					Benzene	A
					Chloromethane	A
					1,2-Dibromo-3-chloropropane	A
					1,1-Dichloroethane	A
					1,3-Dichlorobenzene	A
					Acetone	A

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WO#: **2411164**

22-Nov-24

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-004A	MW-8 19'	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	Bromochloromethane	A
					Carbon tetrachloride	A
					Bromomethane	A
					Toluene	A
					tert-Butylbenzene	A
					1,1,1-Trichloroethane	A
					Styrene	A
					Tetrachloroethene	A
					Vinyl Chloride	A
					Trichloroethene	A
					1,1,1,2-Tetrachloroethane	A
					Methyl tert-butyl ether	A
					m,p-Xylene	A
					Ethylbenzene	A
					Methylene Chloride	A
					n-Propylbenzene	A
					n-Butylbenzene	A
					trans-1,3-Dichloropropene	A
					trans-1,2-Dichloroethene	A
					Trichlorofluoromethane	A
					1,1,2,2-Tetrachloroethane	A
					Naphthalene	A
					o-Xylene	A
	2411164-005A	MW-9 5'			1,2,4-Trimethylbenzene	A
					Acetone	A
					Trichlorofluoromethane	A
					n-Butylbenzene	A
					Methyl tert-butyl ether	A
					1,1-Dichloroethene	A
					Chloromethane	A
					1,1-Dichloroethane	A

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22-Nov-24

Client: Blaes Environmental
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Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-005A	MW-9 5'	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	Carbon tetrachloride	A
					Carbon Disulfide	A
					n-Propylbenzene	A
					Vinyl Chloride	A
					4-Methyl-2-pentanone	A
					Styrene	A
					Chloroethane	A
					Chlorobenzene	A
					1,2-Dibromoethane	A
					Bromoform	A
					Bromodichloromethane	A
					1,2-Dibromo-3-chloropropane	A
					1,2-Dichlorobenzene	A
					Benzene	A
					1,1,2,2-Tetrachloroethane	A
					Trichloroethene	A
					Bromochloromethane	A
					Naphthalene	A
					Bromomethane	A
					o-Xylene	A
					Bromobenzene	A
					1,1,1,2-Tetrachloroethane	A
					Chloroform	A
					Methylene Chloride	A
					2-Butanone	A
					2-Chlorotoluene	A
					Dichlorodifluoromethane	A
					1,2,4-Trichlorobenzene	A
					Ethylbenzene	A
					1,1-Dichloropropene	A
					1,3,5-Trimethylbenzene	A

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Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-005A	MW-9 5'	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	cis-1,3-Dichloropropene	A
					1,4-Dichlorobenzene	A
					Tetrachloroethene	A
					m,p-Xylene	A
					4-Chlorotoluene	A
					1,2-Dichloroethane	A
					1,2,3-Trichlorobenzene	A
					Dibromomethane	A
					2,2-Dichloropropane	A
					Toluene	A
					trans-1,3-Dichloropropene	A
					2-Hexanone	A
					cis-1,2-Dichloroethene	A
					1,1,1-Trichloroethane	A
					1,3-Dichlorobenzene	A
					trans-1,2-Dichloroethene	A
					tert-Butylbenzene	A
					1,1,2-Trichloroethane	A
					1,2-Dichloropropane	A
					1,3-Dichloropropane	A
					1,2,3-Trichloropropane	A
	2411164-006A	MW-9 10'			1,1-Dichloroethane	A
					Trichlorofluoromethane	A
					Carbon Disulfide	A
					Bromoform	A
					trans-1,3-Dichloropropene	A
					1,2-Dibromoethane	A
					1,4-Dichlorobenzene	A
					n-Butylbenzene	A
					trans-1,2-Dichloroethene	A
					1,3-Dichloropropane	A

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Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-006A	MW-9 10'	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	1,1,1,2-Tetrachloroethane	A
					1,3,5-Trimethylbenzene	A
					1,2-Dichlorobenzene	A
					Bromomethane	A
					1,3-Dichlorobenzene	A
					Tetrachloroethene	A
					4-Chlorotoluene	A
					1,2-Dichloroethane	A
					1,1,1-Trichloroethane	A
					4-Methyl-2-pentanone	A
					tert-Butylbenzene	A
					2-Hexanone	A
					Styrene	A
					1,2-Dichloropropane	A
					2-Chlorotoluene	A
					Bromochloromethane	A
					Trichloroethene	A
					Bromodichloromethane	A
					Benzene	A
					1,1-Dichloroethene	A
					o-Xylene	A
					1,1-Dichloropropene	A
					Bromobenzene	A
					2-Butanone	A
					1,2,3-Trichlorobenzene	A
					2,2-Dichloropropane	A
					n-Propylbenzene	A
					Toluene	A
					Acetone	A
					cis-1,3-Dichloropropene	A
					1,2,4-Trichlorobenzene	A

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Project: Circle K # 2709633 / 219-00001-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-006A	MW-9 10'	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	m,p-Xylene	A
					Dibromomethane	A
					Methylene Chloride	A
					Methyl tert-butyl ether	A
					Vinyl Chloride	A
					Chloroethane	A
					Chlorobenzene	A
					Chloromethane	A
					1,2,4-Trimethylbenzene	A
					Ethylbenzene	A
					1,2-Dibromo-3-chloropropane	A
					1,1,2-Trichloroethane	A
					1,1,2,2-Tetrachloroethane	A
					Carbon tetrachloride	A
					cis-1,2-Dichloroethene	A
					Dichlorodifluoromethane	A
					Naphthalene	A
					1,2,3-Trichloropropane	A
					Chloroform	A
	2411164-007A	MW-9 19'			2-Butanone	A
					Acetone	A
					Benzene	A
					1,1,2,2-Tetrachloroethane	A
					cis-1,2-Dichloroethene	A
					1,1,1-Trichloroethane	A
					tert-Butylbenzene	A
					4-Methyl-2-pentanone	A
					1,1,2-Trichloroethane	A
					1,2,3-Trichlorobenzene	A
					Methylene Chloride	A
					Trichloroethene	A

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Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-007A	MW-9 19'	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	Chloroethane	A
					cis-1,3-Dichloropropene	A
					1,2-Dichlorobenzene	A
					Tetrachloroethene	A
					1,2,4-Trimethylbenzene	A
					2-Hexanone	A
					1,1,1,2-Tetrachloroethane	A
					2,2-Dichloropropane	A
					m,p-Xylene	A
					2-Chlorotoluene	A
					Bromobenzene	A
					Vinyl Chloride	A
					1,1-Dichloroethene	A
					o-Xylene	A
					1,2-Dichloropropane	A
					Naphthalene	A
					n-Butylbenzene	A
					Bromodichloromethane	A
					Chloromethane	A
					Bromomethane	A
					1,3-Dichloropropane	A
					Carbon tetrachloride	A
					1,1-Dichloropropene	A
					1,1-Dichloroethane	A
					1,3,5-Trimethylbenzene	A
					1,2-Dichloroethane	A
					1,2,3-Trichloropropane	A
					trans-1,2-Dichloroethene	A
					Carbon Disulfide	A
					n-Propylbenzene	A
					1,3-Dichlorobenzene	A

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Client: Blaes Environmental
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Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-007A	MW-9 19'	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	Dichlorodifluoromethane	A
					1,2-Dibromoethane	A
					1,2,4-Trichlorobenzene	A
					Chloroform	A
					4-Chlorotoluene	A
					Bromochloromethane	A
					Dibromomethane	A
					1,2-Dibromo-3-chloropropane	A
					Methyl tert-butyl ether	A
					Ethylbenzene	A
					trans-1,3-Dichloropropene	A
					Styrene	A
					Chlorobenzene	A
					Bromoform	A
					1,4-Dichlorobenzene	A
					Trichlorofluoromethane	A
					Toluene	A
	2411164-008A	MW-10 5'			1,2-Dichloroethane	A
					4-Chlorotoluene	A
					1,1,2,2-Tetrachloroethane	A
					1,2,3-Trichlorobenzene	A
					1,1,2-Trichloroethane	A
					Styrene	A
					2,2-Dichloropropane	A
					1,2,3-Trichloropropane	A
					1,3-Dichlorobenzene	A
					trans-1,2-Dichloroethene	A
					Dichlorodifluoromethane	A
					1,3-Dichloropropane	A
					1,3,5-Trimethylbenzene	A
					Ethylbenzene	A

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22-Nov-24

Client: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-008A	MW-10 5'	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	1,4-Dichlorobenzene	A
					Vinyl Chloride	A
					trans-1,3-Dichloropropene	A
					1,2-Dichloropropane	A
					Dibromomethane	A
					cis-1,2-Dichloroethene	A
					1,1-Dichloropropene	A
					1,2,4-Trichlorobenzene	A
					2-Butanone	A
					Tetrachloroethene	A
					cis-1,3-Dichloropropene	A
					2-Chlorotoluene	A
					m,p-Xylene	A
					tert-Butylbenzene	A
					2-Hexanone	A
					1,1,1,2-Tetrachloroethane	A
					Toluene	A
					Chloroethane	A
					n-Butylbenzene	A
					Benzene	A
					Bromoform	A
					Trichloroethene	A
					Bromomethane	A
					Chloroform	A
					Bromochloromethane	A
					1,1-Dichloroethane	A
					o-Xylene	A
					Methylene Chloride	A
					1,2-Dichlorobenzene	A
					1,2-Dibromoethane	A
					Chlorobenzene	A

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22-Nov-24

Client: Blaes Environmental
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Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-008A	MW-10 5'	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	Bromobenzene	A
					1,2,4-Trimethylbenzene	A
					Bromodichloromethane	A
					1,1-Dichloroethene	A
					1,2-Dibromo-3-chloropropane	A
					n-Propylbenzene	A
					Acetone	A
					Naphthalene	A
					4-Methyl-2-pentanone	A
					Methyl tert-butyl ether	A
					Carbon Disulfide	A
					1,1,1-Trichloroethane	A
					Carbon tetrachloride	A
					Trichlorofluoromethane	A
					Chloromethane	A
	2411164-009A	MW-10 10'			Chlorobenzene	A
					Trichlorofluoromethane	A
					1,1-Dichloropropene	A
					1,2-Dibromoethane	A
					2,2-Dichloropropane	A
					Trichloroethene	A
					Bromodichloromethane	A
					Dibromomethane	A
					Carbon tetrachloride	A
					1,2-Dibromo-3-chloropropane	A
					Carbon Disulfide	A
					1,3-Dichlorobenzene	A
					1,1,1,2-Tetrachloroethane	A
					1,2,3-Trichloropropane	A
					Dichlorodifluoromethane	A
					Bromomethane	A

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Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-009A	MW-10 10'	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	1,1-Dichloroethane	A
					1,3,5-Trimethylbenzene	A
					1,4-Dichlorobenzene	A
					trans-1,2-Dichloroethene	A
					n-Butylbenzene	A
					Methylene Chloride	A
					Toluene	A
					Ethylbenzene	A
					Vinyl Chloride	A
					Bromoform	A
					1,3-Dichloropropane	A
					Chloroform	A
					trans-1,3-Dichloropropene	A
					1,2-Dichloropropane	A
					tert-Butylbenzene	A
					o-Xylene	A
					cis-1,2-Dichloroethene	A
					2-Hexanone	A
					1,2,3-Trichlorobenzene	A
					m,p-Xylene	A
					Methyl tert-butyl ether	A
					1,2,4-Trimethylbenzene	A
					Acetone	A
					1,1,2-Trichloroethane	A
					4-Chlorotoluene	A
					1,1-Dichloroethene	A
					1,2-Dichloroethane	A
					Naphthalene	A
					Styrene	A
					Benzene	A
					Chloroethane	A

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Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-009A	MW-10 10'	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	Bromochloromethane	A
					n-Propylbenzene	A
					2-Chlorotoluene	A
					Chloromethane	A
					cis-1,3-Dichloropropene	A
					Tetrachloroethene	A
					2-Butanone	A
					1,1,1-Trichloroethane	A
					1,2,4-Trichlorobenzene	A
					1,2-Dichlorobenzene	A
					4-Methyl-2-pentanone	A
					1,1,2,2-Tetrachloroethane	A
					Bromobenzene	A
	2411164-010A	MW-10 19'			1,2-Dichloroethane	A
					1,2-Dichloropropane	A
					1,2,3-Trichloropropane	A
					1,1,1,2-Tetrachloroethane	A
					Vinyl Chloride	A
					trans-1,3-Dichloropropene	A
					Trichloroethene	A
					1,2-Dibromoethane	A
					1,2,3-Trichlorobenzene	A
					1,3,5-Trimethylbenzene	A
					Trichlorofluoromethane	A
					1,2-Dichlorobenzene	A
					1,1-Dichloroethene	A
					1,2,4-Trichlorobenzene	A
					1,2,4-Trimethylbenzene	A
					1,2-Dibromo-3-chloropropane	A
					n-Propylbenzene	A
					4-Chlorotoluene	A

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Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-010A	MW-10 19'	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	Chloromethane	A
					1,1,2-Trichloroethane	A
					Methyl tert-butyl ether	A
					Bromomethane	A
					Styrene	A
					4-Methyl-2-pentanone	A
					Acetone	A
					o-Xylene	A
					Benzene	A
					Bromobenzene	A
					2-Hexanone	A
					Chloroethane	A
					Chloroform	A
					Bromochloromethane	A
					Bromodichloromethane	A
					Chlorobenzene	A
					Methylene Chloride	A
					trans-1,2-Dichloroethene	A
					Carbon tetrachloride	A
					Carbon Disulfide	A
					Naphthalene	A
					n-Butylbenzene	A
					Bromoform	A
					1,1-Dichloroethane	A
					1,1,1-Trichloroethane	A
					1,1,2,2-Tetrachloroethane	A
					1,3-Dichlorobenzene	A
					1,3-Dichloropropane	A
					Dichlorodifluoromethane	A
					Ethylbenzene	A
					Dibromomethane	A

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Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-010A	MW-10 19'	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	Toluene	A
					1,4-Dichlorobenzene	A
					1,1-Dichloropropene	A
					2,2-Dichloropropane	A
					cis-1,3-Dichloropropene	A
					2-Butanone	A
					m,p-Xylene	A
					Tetrachloroethene	A
					tert-Butylbenzene	A
					2-Chlorotoluene	A
					cis-1,2-Dichloroethene	A
	2411164-011A	MW-11			Methylene Chloride	A
					Carbon tetrachloride	A
					Chloromethane	A
					Carbon Disulfide	A
					Dichlorodifluoromethane	A
					1,2,3-Trichloropropane	A
					1,2-Dibromo-3-chloropropane	A
					Naphthalene	A
					1,1,2,2-Tetrachloroethane	A
					Vinyl Chloride	A
					Trichlorofluoromethane	A
					Dibromomethane	A
					Chlorobenzene	A
					Ethylbenzene	A
					1,2,3-Trichlorobenzene	A
					Chloroform	A
					1,2,4-Trichlorobenzene	A
					m,p-Xylene	A
					Chloroethane	A
					1,2,4-Trimethylbenzene	A

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Accreditation Program Analytes Report

WO#: **2411164**
22-Nov-24

Client: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-011A	MW-11	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	cis-1,3-Dichloropropene	A
					1,1,2-Trichloroethane	A
					Methyl tert-butyl ether	A
					cis-1,2-Dichloroethene	A
					2,2-Dichloropropane	A
					Bromomethane	A
					1,2-Dichloroethane	A
					2-Hexanone	A
					trans-1,3-Dichloropropene	A
					tert-Butylbenzene	A
					2-Chlorotoluene	A
					2-Butanone	A
					1,1-Dichloroethene	A
					1,2-Dichloropropane	A
					4-Chlorotoluene	A
					1,4-Dichlorobenzene	A
					Toluene	A
					1,1-Dichloropropene	A
					1,3-Dichloropropane	A
					1,3,5-Trimethylbenzene	A
					1,1,1,2-Tetrachloroethane	A
					1,3-Dichlorobenzene	A
					trans-1,2-Dichloroethene	A
					Tetrachloroethene	A
					1,2-Dibromoethane	A
					Bromoform	A
					Trichloroethene	A
					n-Butylbenzene	A
					1,1,1-Trichloroethane	A
					1,1-Dichloroethane	A
					4-Methyl-2-pentanone	A

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Accreditation Program Analytes Report

WO#: **2411164**
22-Nov-24

Client: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-011A	MW-11	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	Styrene	A
					Bromodichloromethane	A
					Bromochloromethane	A
					n-Propylbenzene	A
					Bromobenzene	A
					1,2-Dichlorobenzene	A
					Benzene	A
					o-Xylene	A
					Acetone	A
	2411164-012A				1,1-Dichloroethene	A
					1,1,1,2-Tetrachloroethane	A
					1,1-Dichloropropene	A
					1,1,2-Trichloroethane	A
					1,1,1-Trichloroethane	A
					1,2,3-Trichlorobenzene	A
					1,1,2,2-Tetrachloroethane	A
					1,1-Dichloroethane	A
					Bromomethane	A
					2-Hexanone	A
					Styrene	A
					Carbon tetrachloride	A
					o-Xylene	A
					Dibromomethane	A
					Acetone	A
					n-Propylbenzene	A
					Benzene	A
					Bromobenzene	A
					n-Butylbenzene	A
					Bromochloromethane	A
					Bromodichloromethane	A
					2-Chlorotoluene	A

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Accreditation Program Analytes Report

WO#: **2411164**
22-Nov-24

Client: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-012A	MW-11	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	Bromoform	A
					4-Chlorotoluene	A
					Methylene Chloride	A
					Carbon Disulfide	A
					1,2,3-Trichloropropane	A
					Methyl tert-butyl ether	A
					Chlorobenzene	A
					m,p-Xylene	A
					Chloroethane	A
					Chloroform	A
					Ethylbenzene	A
					Chloromethane	A
					cis-1,2-Dichloroethene	A
					Dichlorodifluoromethane	A
					cis-1,3-Dichloropropene	A
					Naphthalene	A
					Toluene	A
					1,2-Dichlorobenzene	A
					trans-1,3-Dichloropropene	A
					1,2-Dichloroethane	A
					4-Methyl-2-pentanone	A
					Trichloroethene	A
					tert-Butylbenzene	A
					trans-1,2-Dichloroethene	A
					1,3,5-Trimethylbenzene	A
					1,2-Dibromoethane	A
					1,3-Dichlorobenzene	A
					1,2-Dichloropropane	A
					1,4-Dichlorobenzene	A
					2-Butanone	A
					Vinyl Chloride	A

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Accreditation Program Analytes Report

WO#: **2411164**

22-Nov-24

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-012A	MW-11	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	1,2,4-Trichlorobenzene	A
					1,2-Dibromo-3-chloropropane	A
					Tetrachloroethene	A
					Trichlorofluoromethane	A
					1,3-Dichloropropane	A
					1,2,4-Trimethylbenzene	A
					2,2-Dichloropropane	A
	2411164-013A				Trichlorofluoromethane	A
					Trichloroethene	A
					Ethylbenzene	A
					Dichlorodifluoromethane	A
					1,1,2,2-Tetrachloroethane	A
					m,p-Xylene	A
					trans-1,3-Dichloropropene	A
					Methyl tert-butyl ether	A
					Methylene Chloride	A
					Naphthalene	A
					1,1,1-Trichloroethane	A
					Toluene	A
					n-Butylbenzene	A
					1,1,1,2-Tetrachloroethane	A
					Tetrachloroethene	A
					n-Propylbenzene	A
					o-Xylene	A
					tert-Butylbenzene	A
					Styrene	A
					trans-1,2-Dichloroethene	A
					1,2-Dichloropropane	A
					Carbon tetrachloride	A
					2-Chlorotoluene	A
					2-Butanone	A

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Accreditation Program Analytes Report

WO#: **2411164**
22-Nov-24

Client: Blaes Environmental
Project: Circle K # 2709633 / 219-00001-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-013A	MW-11	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	2,2-Dichloropropane	A
					1,4-Dichlorobenzene	A
					1,3-Dichloropropane	A
					1,1-Dichloropropene	A
					1,1-Dichloroethene	A
					1,3,5-Trimethylbenzene	A
					4-Chlorotoluene	A
					1,2-Dichloroethane	A
					1,2-Dichlorobenzene	A
					1,2-Dibromoethane	A
					1,2,3-Trichlorobenzene	A
					1,2-Dibromo-3-chloropropane	A
					1,2,4-Trimethylbenzene	A
					1,2,4-Trichlorobenzene	A
					1,2,3-Trichloropropane	A
					1,3-Dichlorobenzene	A
					Bromomethane	A
					cis-1,3-Dichloropropene	A
					cis-1,2-Dichloroethene	A
					Chloromethane	A
					Chloroform	A
					Chloroethane	A
					1,1,2-Trichloroethane	A
					Chlorobenzene	A
					2-Hexanone	A
					Carbon Disulfide	A
					Dibromomethane	A
					Bromoform	A
					Bromodichloromethane	A
					1,1-Dichloroethane	A
					Vinyl Chloride	A

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Accreditation Program Analytes Report

WO#: **2411164**

22-Nov-24

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2411164-013A	MW-11	Soil	VOLATILE ORGANIC COMPOUNDS BY GC/MS	Bromobenzene	A
					Benzene	A
					Acetone	A
					4-Methyl-2-pentanone	A
					Bromochloromethane	A

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QC SUMMARY REPORT

Specialty Analytical

WO#: **2411164**

11/22/2024

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03 **TestCode: 8260_5035**

Sample ID: **LCS**	SampType: **LCS**	TestCode: **8260_5035**	Units: **µg/Kg**	Prep Date:	RunNo: **56484**
Client ID: **LCSS**	Batch ID: **24884**	TestNo: **SW8260D**	**SW 5035**	Analysis Date: **11/15/2024**	SeqNo: **733751**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	1780	50.0	2000	0	89.0	70	130				
1,1,1-Trichloroethane	1990	50.0	2000	0	99.6	70	130				
1,1,2,2-Tetrachloroethane	2490	50.0	2000	0	125	70	130				
1,1,2-Trichloroethane	2290	50.0	2000	0	115	70	130				
1,1-Dichloroethane	2370	50.0	2000	0	118	70	130				
1,1-Dichloroethene	2150	50.0	2000	0	107	72.4	131				
1,1-Dichloropropene	2250	50.0	2000	0	112	70	130				
1,2,3-Trichlorobenzene	1800	50.0	2000	0	89.8	70	130				
1,2,3-Trichloropropane	2160	50.0	2000	0	108	70	130				
1,2,4-Trichlorobenzene	2010	50.0	2000	0	101	70	130				
1,2,4-Trimethylbenzene	1970	50.0	2000	0	98.3	70	130				
1,2-Dibromo-3-chloropropane	2050	25.0	2000	0	103	70	130				
1,2-Dibromoethane	1980	50.0	2000	0	99.1	70	130				
1,2-Dichlorobenzene	2090	50.0	2000	0	104	70	130				
1,2-Dichloroethane	2030	50.0	2000	0	101	70	130				
1,2-Dichloropropane	2470	50.0	2000	0	124	70	130				
1,3,5-Trimethylbenzene	2010	50.0	2000	0	101	70	130				
1,3-Dichlorobenzene	2020	50.0	2000	0	101	70	130				
1,3-Dichloropropane	2350	50.0	2000	0	117	70	130				
1,4-Dichlorobenzene	1900	50.0	2000	0	95.1	70	130				
2,2-Dichloropropane	2280	50.0	2000	0	114	70	130				
2-Butanone	5410	100	4000	0	135	70	130				SSC
2-Chlorotoluene	2130	50.0	2000	0	106	70	130				

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2411164**

11/22/2024

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03 **TestCode: 8260_5035**

Sample ID: **LCS** SampType: **LCS** TestCode: **8260_5035** Units: **µg/Kg** Prep Date: RunNo: **56484**

Client ID: **LCSS** Batch ID: **24884** TestNo: **SW8260D** **SW 5035** Analysis Date: **11/15/2024** SeqNo: **733751**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	4500	100	4000	0	113	70	130				
4-Chlorotoluene	1930	50.0	2000	0	96.4	70	130				
4-Isopropyltoluene	1960	50.0	2000	0	98.2	70	130				
4-Methyl-2-pentanone	5070	100	4000	0	127	70	130				
Acetone	4490	200	4000	0	112	70	130				
Benzene	2360	50.0	2000	0	118	74.3	136				
Bromobenzene	2010	50.0	2000	0	100	70	130				
Bromochloromethane	1980	50.0	2000	0	98.9	70	130				
Bromodichloromethane	1990	50.0	2000	0	99.6	70	130				
Bromoform	1850	50.0	2000	0	92.7	70	130				
Bromomethane	2320	50.0	2000	0	116	70	130				
Carbon Disulfide	2120	50.0	2000	0	106	70	130				
Carbon tetrachloride	1940	50.0	2000	0	97.0	70	130				
Chlorobenzene	2110	50.0	2000	0	106	75.9	121				
Chloroethane	2630	50.0	2000	0	131	70	130				SSC
Chloroform	2120	50.0	2000	0	106	70	130				
Chloromethane	2710	50.0	2000	0	136	70	130				SSC
cis-1,2-Dichloroethene	2410	50.0	2000	0	120	70	130				
cis-1,3-Dichloropropene	2100	50.0	2000	0	105	70	130				
Dibromochloromethane	1780	50.0	2000	0	89.2	70	130				
Dibromomethane	2210	50.0	2000	0	111	70	130				
Dichlorodifluoromethane	1830	100	2000	0	91.4	70	130				
Ethylbenzene	2020	50.0	2000	0	101	70	130				

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2411164**

11/22/2024

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03 **TestCode: 8260_5035**

Sample ID: **LCS** SampType: **LCS** TestCode: **8260_5035** Units: **µg/Kg** Prep Date: RunNo: **56484**

Client ID: **LCSS** Batch ID: **24884** TestNo: **SW8260D** **SW 5035** Analysis Date: **11/15/2024** SeqNo: **733751**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	1750	50.0	2000	0	87.3	70	130				
Isopropylbenzene	1960	50.0	2000	0	97.9	70	130				
m,p-Xylene	4150	100	4000	0	104	70	130				
Methyl tert-butyl ether	2280	100	2000	0	114	70	130				
Methylene Chloride	2310	250	2000	0	116	70	130				
Naphthalene	2070	50.0	2000	0	103	70	130				
n-Butylbenzene	2100	50.0	2000	0	105	70	130				
n-Propylbenzene	2170	50.0	2000	0	108	70	130				
o-Xylene	2010	50.0	2000	0	101	70	130				
sec-Butylbenzene	2030	50.0	2000	0	101	70	130				
Styrene	1980	50.0	2000	0	99.0	70	130				
tert-Butylbenzene	2160	50.0	2000	0	108	70	130				
Tetrachloroethene	1740	50.0	2000	0	86.9	70	130				
Toluene	2210	50.0	2000	0	110	75.1	123				
trans-1,2-Dichloroethene	2250	50.0	2000	0	113	70	130				
trans-1,3-Dichloropropene	1980	50.0	2000	0	98.8	70	130				
Trichloroethene	1990	50.0	2000	0	99.4	77.8	129				
Trichlorofluoromethane	2130	50.0	2000	0	106	70	130				
Vinyl Chloride	2840	50.0	2000	0	142	70	130				SSC

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2411164**

11/22/2024

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03 **TestCode: 8260_5035**

Sample ID: **CCV** SampType: **CCV** TestCode: **8260_5035** Units: **µg/Kg** Prep Date: RunNo: **56484**

Client ID: **CCV** Batch ID: **24884** TestNo: **SW8260D** **SW 5035** Analysis Date: **11/15/2024** SeqNo: **733752**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	1780	50.0	2000	0	89.0	80	120				
1,1,1-Trichloroethane	1990	50.0	2000	0	99.6	80	120				
1,1,2,2-Tetrachloroethane	2490	50.0	2000	0	125	80	120				SSC
1,1,2-Trichloroethane	2290	50.0	2000	0	115	80	120				
1,1-Dichloroethane	2370	50.0	2000	0	118	80	120				
1,1-Dichloroethene	2150	50.0	2000	0	107	80	120				
1,1-Dichloropropene	2250	50.0	2000	0	112	80	120				
1,2,3-Trichlorobenzene	1800	50.0	2000	0	89.8	80	120				
1,2,3-Trichloropropane	2160	50.0	2000	0	108	80	120				
1,2,4-Trichlorobenzene	2010	50.0	2000	0	101	80	120				
1,2,4-Trimethylbenzene	1970	50.0	2000	0	98.3	80	120				
1,2-Dibromo-3-chloropropane	2050	25.0	2000	0	103	80	120				
1,2-Dibromoethane	1980	50.0	2000	0	99.1	80	120				
1,2-Dichlorobenzene	2090	50.0	2000	0	104	80	120				
1,2-Dichloroethane	2030	50.0	2000	0	101	80	120				
1,2-Dichloropropane	2470	50.0	2000	0	124	80	120				SSC
1,3,5-Trimethylbenzene	2010	50.0	2000	0	101	80	120				
1,3-Dichlorobenzene	2020	50.0	2000	0	101	80	120				
1,3-Dichloropropane	2350	50.0	2000	0	117	80	120				
1,4-Dichlorobenzene	1900	50.0	2000	0	95.1	80	120				
2,2-Dichloropropane	2280	50.0	2000	0	114	80	120				
2-Butanone	5410	100	4000	0	135	80	120				SSC
2-Chlorotoluene	2130	50.0	2000	0	106	80	120				

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2411164**

11/22/2024

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03 **TestCode: 8260_5035**

Sample ID: **CCV**	SampType: **CCV**	TestCode: **8260_5035**	Units: **µg/Kg**	Prep Date:	RunNo: **56484**
Client ID: **CCV**	Batch ID: **24884**	TestNo: **SW8260D**	**SW 5035**	Analysis Date: **11/15/2024**	SeqNo: **733752**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	4500	100	4000	0	113	80	120				
4-Chlorotoluene	1930	50.0	2000	0	96.4	80	120				
4-Isopropyltoluene	1960	50.0	2000	0	98.2	80	120				
4-Methyl-2-pentanone	5070	100	4000	0	127	80	120				SSC
Acetone	4490	200	4000	0	112	80	120				
Benzene	2360	50.0	2000	0	118	80	120				
Bromobenzene	2010	50.0	2000	0	100	80	120				
Bromochloromethane	1980	50.0	2000	0	98.9	80	120				
Bromodichloromethane	1990	50.0	2000	0	99.6	80	120				
Bromoform	1850	50.0	2000	0	92.7	80	120				
Bromomethane	2320	50.0	2000	0	116	80	120				
Carbon Disulfide	2120	50.0	2000	0	106	80	120				
Carbon tetrachloride	1940	50.0	2000	0	97.0	80	120				
Chlorobenzene	2110	50.0	2000	0	106	80	120				
Chloroethane	2630	50.0	2000	0	131	80	120				SSC
Chloroform	2120	50.0	2000	0	106	80	120				
Chloromethane	2710	50.0	2000	0	136	80	120				SSC
cis-1,2-Dichloroethene	2410	50.0	2000	0	120	80	120				SSC
cis-1,3-Dichloropropene	2100	50.0	2000	0	105	80	120				
Dibromochloromethane	1780	50.0	2000	0	89.2	80	120				
Dibromomethane	2210	50.0	2000	0	111	80	120				
Dichlorodifluoromethane	1830	100	2000	0	91.4	80	120				
Ethylbenzene	2020	50.0	2000	0	101	80	120				

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2411164**

11/22/2024

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03 **TestCode: 8260_5035**

Sample ID: **CCV** SampType: **CCV** TestCode: **8260_5035** Units: **µg/Kg** Prep Date: RunNo: **56484**

Client ID: **CCV** Batch ID: **24884** TestNo: **SW8260D** **SW 5035** Analysis Date: **11/15/2024** SeqNo: **733752**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	1750	50.0	2000	0	87.3	80	120				
Isopropylbenzene	1960	50.0	2000	0	97.9	80	120				
m,p-Xylene	4150	100	4000	0	104	80	120				
Methyl tert-butyl ether	2280	100	2000	0	114	80	120				
Methylene Chloride	2310	250	2000	0	116	80	120				
Naphthalene	2070	50.0	2000	0	103	80	120				
n-Butylbenzene	2100	50.0	2000	0	105	80	120				
n-Propylbenzene	2170	50.0	2000	0	108	80	120				
o-Xylene	2010	50.0	2000	0	101	80	120				
sec-Butylbenzene	2030	50.0	2000	0	101	80	120				
Styrene	1980	50.0	2000	0	99.0	80	120				
tert-Butylbenzene	2160	50.0	2000	0	108	80	120				
Tetrachloroethene	1740	50.0	2000	0	86.9	80	120				
Toluene	2210	50.0	2000	0	110	80	120				
trans-1,2-Dichloroethene	2250	50.0	2000	0	113	80	120				
trans-1,3-Dichloropropene	1980	50.0	2000	0	98.8	80	120				
Trichloroethene	1990	50.0	2000	0	99.4	80	120				
Trichlorofluoromethane	2130	50.0	2000	0	106	80	120				
Vinyl Chloride	2840	50.0	2000	0	142	80	120				SSC

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2411164**

11/22/2024

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03 **TestCode: 8260_5035**

Sample ID: **LCSD**	SampType: **LCSD**	TestCode: **8260_5035**	Units: **µg/Kg**	Prep Date:	RunNo: **56484**
Client ID: **LCSS02**	Batch ID: **24884**	TestNo: **SW8260D**	**SW 5035**	Analysis Date: **11/15/2024**	SeqNo: **733753**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	1720	50.0	2000	0	86.2	70	130	1780	3.11	20	
1,1,1-Trichloroethane	1940	50.0	2000	0	96.9	70	130	1991	2.70	20	
1,1,2,2-Tetrachloroethane	2540	50.0	2000	0	127	70	130	2493	1.69	20	
1,1,2-Trichloroethane	2350	50.0	2000	0	118	70	130	2294	2.54	20	
1,1-Dichloroethane	2420	50.0	2000	0	121	70	130	2368	2.15	20	
1,1-Dichloroethene	2360	50.0	2000	0	118	72.4	131	2146	9.63	20	
1,1-Dichloropropene	2200	50.0	2000	0	110	70	130	2250	2.38	20	
1,2,3-Trichlorobenzene	1810	50.0	2000	0	90.4	70	130	1796	0.749	20	
1,2,3-Trichloropropane	2190	50.0	2000	0	109	70	130	2164	1.08	20	
1,2,4-Trichlorobenzene	2000	50.0	2000	0	100	70	130	2012	0.399	20	
1,2,4-Trimethylbenzene	1930	50.0	2000	0	96.6	70	130	1966	1.72	20	
1,2-Dibromo-3-chloropropane	2110	25.0	2000	0	106	70	130	2054	2.78	20	
1,2-Dibromoethane	1960	50.0	2000	0	98.1	70	130	1982	1.01	20	
1,2-Dichlorobenzene	2040	50.0	2000	0	102	70	130	2089	2.47	20	
1,2-Dichloroethane	2010	50.0	2000	0	101	70	130	2028	0.817	20	
1,2-Dichloropropane	2450	50.0	2000	0	123	70	130	2474	0.913	20	
1,3,5-Trimethylbenzene	1860	50.0	2000	0	93.3	70	130	2014	7.71	20	
1,3-Dichlorobenzene	2020	50.0	2000	0	101	70	130	2019	0.223	20	
1,3-Dichloropropane	2310	50.0	2000	0	115	70	130	2350	1.85	20	
1,4-Dichlorobenzene	1880	50.0	2000	0	94.2	70	130	1902	0.978	20	
2,2-Dichloropropane	2270	50.0	2000	0	113	70	130	2278	0.418	20	
2-Butanone	5760	100	4000	0	144	70	130	5406	6.30	20	SSC
2-Chlorotoluene	1910	50.0	2000	0	95.5	70	130	2130	10.9	20	

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2411164**

11/22/2024

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03 **TestCode: 8260_5035**

Sample ID: **LCSD**	SampType: **LCSD**	TestCode: **8260_5035**	Units: **µg/Kg**	Prep Date:	RunNo: **56484**
Client ID: **LCSS02**	Batch ID: **24884**	TestNo: **SW8260D**	**SW 5035**	Analysis Date: **11/15/2024**	SeqNo: **733753**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	5270	100	4000	0	132	70	130	4502	15.7	20	SSC
4-Chlorotoluene	1940	50.0	2000	0	96.8	70	130	1928	0.440	20	
4-Isopropyltoluene	1920	50.0	2000	0	95.9	70	130	1964	2.40	20	
4-Methyl-2-pentanone	5730	100	4000	0	143	70	130	5070	12.2	20	SSC
Acetone	5260	200	4000	0	131	70	130	4492	15.7	20	SSC
Benzene	2320	50.0	2000	0	116	74.3	136	2362	1.75	20	
Bromobenzene	1740	50.0	2000	0	87.0	70	130	2007	14.3	20	
Bromochloromethane	2020	50.0	2000	0	101	70	130	1978	2.27	20	
Bromodichloromethane	1960	50.0	2000	0	98.1	70	130	1991	1.47	20	
Bromoform	1830	50.0	2000	0	91.5	70	130	1854	1.25	20	
Bromomethane	2000	50.0	2000	0	100	70	130	2316	14.6	20	
Carbon Disulfide	2290	50.0	2000	0	114	70	130	2119	7.76	20	
Carbon tetrachloride	1900	50.0	2000	0	95.0	70	130	1940	2.14	20	
Chlorobenzene	2060	50.0	2000	0	103	75.9	121	2111	2.47	20	
Chloroethane	2750	50.0	2000	0	138	70	130	2628	4.57	20	SSC
Chloroform	2140	50.0	2000	0	107	70	130	2122	0.587	20	
Chloromethane	3160	50.0	2000	0	158	70	130	2714	15.1	20	SSC
cis-1,2-Dichloroethene	2420	50.0	2000	0	121	70	130	2409	0.394	20	
cis-1,3-Dichloropropene	2020	50.0	2000	0	101	70	130	2105	4.00	20	
Dibromochloromethane	1770	50.0	2000	0	88.6	70	130	1784	0.647	20	
Dibromomethane	2160	50.0	2000	0	108	70	130	2212	2.15	20	
Dichlorodifluoromethane	2190	100	2000	0	110	70	130	1828	18.2	20	
Ethylbenzene	1960	50.0	2000	0	98.0	70	130	2018	2.89	20	

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2411164**

11/22/2024

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03 **TestCode: 8260_5035**

Sample ID: **LCSD**	SampType: **LCSD**	TestCode: **8260_5035**	Units: **µg/Kg**	Prep Date:	RunNo: **56484**
Client ID: **LCSS02**	Batch ID: **24884**	TestNo: **SW8260D**	**SW 5035**	Analysis Date: **11/15/2024**	SeqNo: **733753**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	1720	50.0	2000	0	86.2	70	130	1746	1.27	20	
Isopropylbenzene	1880	50.0	2000	0	93.8	70	130	1958	4.28	20	
m,p-Xylene	3990	100	4000	0	99.7	70	130	4148	3.96	20	
Methyl tert-butyl ether	2530	100	2000	0	126	70	130	2284	10.1	20	
Methylene Chloride	2530	250	2000	0	126	70	130	2312	8.90	20	
Naphthalene	2170	50.0	2000	0	109	70	130	2066	5.12	20	
n-Butylbenzene	2040	50.0	2000	0	102	70	130	2100	2.75	20	
n-Propylbenzene	1940	50.0	2000	0	97.1	70	130	2168	10.9	20	
o-Xylene	1920	50.0	2000	0	96.0	70	130	2010	4.66	20	
sec-Butylbenzene	1970	50.0	2000	0	98.4	70	130	2028	2.98	20	
Styrene	1920	50.0	2000	0	95.9	70	130	1980	3.18	20	
tert-Butylbenzene	2120	50.0	2000	0	106	70	130	2161	1.70	20	
Tetrachloroethene	1670	50.0	2000	0	83.4	70	130	1737	4.11	20	
Toluene	2170	50.0	2000	0	108	75.1	123	2206	1.83	20	
trans-1,2-Dichloroethene	2420	50.0	2000	0	121	70	130	2252	7.38	20	
trans-1,3-Dichloropropene	1930	50.0	2000	0	96.6	70	130	1976	2.23	20	
Trichloroethene	1960	50.0	2000	0	97.9	77.8	129	1989	1.62	20	
Trichlorofluoromethane	2350	50.0	2000	0	117	70	130	2128	9.85	20	
Vinyl Chloride	2860	50.0	2000	0	143	70	130	2843	0.666	20	SSC

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2411164**

11/22/2024

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03 **TestCode: 8260_5035**

Sample ID: **MBLK** SampType: **MBLK** TestCode: **8260_5035** Units: **µg/Kg** Prep Date: RunNo: **56484**

Client ID: **PBS** Batch ID: **24884** TestNo: **SW8260D** **SW 5035** Analysis Date: **11/15/2024** SeqNo: **733754**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	50.0									
1,1,1-Trichloroethane	ND	50.0									
1,1,2,2-Tetrachloroethane	ND	50.0									
1,1,2-Trichloroethane	ND	50.0									
1,1-Dichloroethane	ND	50.0									
1,1-Dichloroethene	ND	50.0									
1,1-Dichloropropene	ND	50.0									
1,2,3-Trichlorobenzene	ND	50.0									
1,2,3-Trichloropropane	ND	50.0									
1,2,4-Trichlorobenzene	ND	50.0									
1,2,4-Trimethylbenzene	ND	50.0									
1,2-Dibromo-3-chloropropane	ND	25.0									
1,2-Dibromoethane	ND	50.0									
1,2-Dichlorobenzene	ND	50.0									
1,2-Dichloroethane	ND	50.0									
1,2-Dichloropropane	ND	50.0									
1,3,5-Trimethylbenzene	ND	50.0									
1,3-Dichlorobenzene	ND	50.0									
1,3-Dichloropropane	ND	50.0									
1,4-Dichlorobenzene	ND	50.0									
2,2-Dichloropropane	ND	50.0									
2-Butanone	ND	100									
2-Chlorotoluene	ND	50.0									

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2411164**

11/22/2024

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03 **TestCode: 8260_5035**

Sample ID: **MBLK** SampType: **MBLK** TestCode: **8260_5035** Units: **µg/Kg** Prep Date: RunNo: **56484**

Client ID: **PBS** Batch ID: **24884** TestNo: **SW8260D** **SW 5035** Analysis Date: **11/15/2024** SeqNo: **733754**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	ND	100									
4-Chlorotoluene	ND	50.0									
4-Isopropyltoluene	ND	50.0									
4-Methyl-2-pentanone	ND	100									
Acetone	ND	200									
Benzene	ND	50.0									
Bromobenzene	ND	50.0									
Bromochloromethane	ND	50.0									
Bromodichloromethane	ND	50.0									
Bromoform	ND	50.0									
Bromomethane	ND	50.0									
Carbon Disulfide	ND	50.0									
Carbon tetrachloride	ND	50.0									
Chlorobenzene	ND	50.0									
Chloroethane	ND	50.0									
Chloroform	ND	50.0									
Chloromethane	ND	50.0									
cis-1,2-Dichloroethene	ND	50.0									
cis-1,3-Dichloropropene	ND	50.0									
Dibromochloromethane	ND	50.0									
Dibromomethane	ND	50.0									
Dichlorodifluoromethane	ND	100									
Ethylbenzene	ND	50.0									

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2411164**

11/22/2024

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03 **TestCode: 8260_5035**

Sample ID: **MBLK**	SampType: **MBLK**	TestCode: **8260_5035**	Units: **µg/Kg**	Prep Date:	RunNo: **56484**
Client ID: **PBS**	Batch ID: **24884**	TestNo: **SW8260D**	**SW 5035**	Analysis Date: **11/15/2024**	SeqNo: **733754**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	50.0									
Isopropylbenzene	ND	50.0									
m,p-Xylene	ND	100									
Methyl tert-butyl ether	ND	100									
Methylene Chloride	ND	250									
Naphthalene	ND	50.0									
n-Butylbenzene	ND	50.0									
n-Propylbenzene	ND	50.0									
o-Xylene	ND	50.0									
sec-Butylbenzene	ND	50.0									
Styrene	ND	50.0									
tert-Butylbenzene	ND	50.0									
Tetrachloroethene	ND	50.0									
Toluene	ND	50.0									
trans-1,2-Dichloroethene	ND	50.0									
trans-1,3-Dichloropropene	ND	50.0									
Trichloroethene	ND	50.0									
Trichlorofluoromethane	ND	50.0									
Vinyl Chloride	ND	50.0									
Surr: 1,2-Dichloroethane-d4	4830		5000		96.5	71.5	124				
Surr: 4-Bromofluorobenzene	4540		5000		90.9	75.7	122				
Surr: Dibromofluoromethane	4860		5000		97.3	64.3	124				
Surr: Toluene-d8	5080		5000		102	74.9	120				

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2411164**

11/22/2024

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03 **TestCode: 8260_5035**

Sample ID: **MBLK**	SampType: **MBLK**	TestCode: **8260_5035**	Units: **µg/Kg**	Prep Date:	RunNo: **56484**
Client ID: **PBS**	Batch ID: **24884**	TestNo: **SW8260D**	**SW 5035**	Analysis Date: **11/15/2024**	SeqNo: **733754**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: **2411164-013AMS**	SampType: **MS**	TestCode: **8260_5035**	Units: **µg/Kg-dry**	Prep Date:	RunNo: **56484**
Client ID: **MW-11**	Batch ID: **24884**	TestNo: **SW8260D**	**SW 5035**	Analysis Date: **11/15/2024**	SeqNo: **733768**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	2440	70.9	2837	0	85.9	70	130				
1,1,1-Trichloroethane	3040	70.9	2837	0	107	70	130				
1,1,2,2-Tetrachloroethane	3250	70.9	2837	0	115	70	130				
1,1,2-Trichloroethane	3310	70.9	2837	0	117	70	130				
1,1-Dichloroethane	3690	70.9	2837	0	130	70	130				S
1,1-Dichloroethene	3800	70.9	2837	0	134	69.2	158				
1,1-Dichloropropene	3560	70.9	2837	0	125	70	130				
1,2,3-Trichlorobenzene	2210	70.9	2837	0	78.1	70	130				
1,2,3-Trichloropropane	2840	70.9	2837	0	100	70	130				
1,2,4-Trichlorobenzene	2480	70.9	2837	0	87.5	70	130				
1,2,4-Trimethylbenzene	2740	70.9	2837	0	96.4	70	130				
1,2-Dibromo-3-chloropropane	2440	35.5	2837	0	85.9	70	130				
1,2-Dibromoethane	2760	70.9	2837	0	97.5	70	130				
1,2-Dichlorobenzene	2790	70.9	2837	0	98.3	70	130				
1,2-Dichloroethane	2900	70.9	2837	0	102	70	130				
1,2-Dichloropropane	3420	70.9	2837	0	121	70	130				

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2411164**

11/22/2024

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03 **TestCode: 8260_5035**

Sample ID: **2411164-013AMS** SampType: **MS** TestCode: **8260_5035** Units: **µg/Kg-dry** Prep Date: RunNo: **56484**

Client ID: **MW-11** Batch ID: **24884** TestNo: **SW8260D** **SW 5035** Analysis Date: **11/15/2024** SeqNo: **733768**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3,5-Trimethylbenzene	3060	70.9	2837	0	108	70	130				
1,3-Dichlorobenzene	2830	70.9	2837	0	99.9	70	130				
1,3-Dichloropropane	3330	70.9	2837	0	118	70	130				
1,4-Dichlorobenzene	2600	70.9	2837	0	91.7	70	130				
2,2-Dichloropropane	3210	70.9	2837	0	113	70	130				
2-Butanone	8170	142	5673	0	144	70	130				S
2-Chlorotoluene	3090	70.9	2837	0	109	70	130				
2-Hexanone	6930	142	5673	0	122	70	130				
4-Chlorotoluene	3090	70.9	2837	0	109	70	130				
4-Isopropyltoluene	2860	70.9	2837	0	101	70	130				
4-Methyl-2-pentanone	7530	142	5673	0	133	70	130				S
Acetone	8470	284	5673	0	149	70	130				S
Benzene	3430	70.9	2837	0	121	71.7	147				
Bromobenzene	2830	70.9	2837	0	99.9	70	130				
Bromochloromethane	2910	70.9	2837	0	103	70	130				
Bromodichloromethane	2680	70.9	2837	0	94.6	70	130				
Bromoform	2360	70.9	2837	0	83.1	70	130				
Bromomethane	2100	70.9	2837	0	74.2	70	130				
Carbon Disulfide	3570	70.9	2837	0	126	70	130				
Carbon tetrachloride	2930	70.9	2837	0	103	70	130				
Chlorobenzene	3000	70.9	2837	0	106	75	148				
Chloroethane	4380	70.9	2837	0	154	70	130				S
Chloroform	3210	70.9	2837	0	113	70	130				

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2411164**

11/22/2024

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03 **TestCode: 8260_5035**

Sample ID: **2411164-013AMS** SampType: **MS** TestCode: **8260_5035** Units: **µg/Kg-dry** Prep Date: RunNo: **56484**

Client ID: **MW-11** Batch ID: **24884** TestNo: **SW8260D** **SW 5035** Analysis Date: **11/15/2024** SeqNo: **733768**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	3350	70.9	2837	0	118	70	130				
cis-1,2-Dichloroethene	3670	70.9	2837	0	129	70	130				
cis-1,3-Dichloropropene	2830	70.9	2837	0	99.9	70	130				
Dibromochloromethane	2410	70.9	2837	0	85.0	70	130				
Dibromomethane	2940	70.9	2837	0	104	70	130				
Dichlorodifluoromethane	2430	142	2837	0	85.6	70	130				
Ethylbenzene	2930	70.9	2837	0	103	70	130				
Hexachlorobutadiene	2500	70.9	2837	0	88.3	70	130				
Isopropylbenzene	2840	70.9	2837	0	100	70	130				
m,p-Xylene	5840	142	5673	0	103	70	130				
Methyl tert-butyl ether	3590	142	2837	0	127	70	130				
Methylene Chloride	3650	355	2837	0	129	70	130				
Naphthalene	2380	70.9	2837	0	83.9	70	130				
n-Butylbenzene	3010	70.9	2837	0	106	70	130				
n-Propylbenzene	3270	70.9	2837	0	115	70	130				
o-Xylene	2820	70.9	2837	0	99.3	70	130				
sec-Butylbenzene	2990	70.9	2837	0	105	70	130				
Styrene	2790	70.9	2837	0	98.3	70	130				
tert-Butylbenzene	3090	70.9	2837	0	109	70	130				
Tetrachloroethene	2680	70.9	2837	0	94.5	70	130				
Toluene	3320	70.9	2837	0	117	75.8	153				
trans-1,2-Dichloroethene	3870	70.9	2837	0	137	70	130				S
trans-1,3-Dichloropropene	2800	70.9	2837	0	98.9	70	130				

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2411164**

11/22/2024

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03 **TestCode: 8260_5035**

Sample ID: **2411164-013AMS** SampType: **MS** TestCode: **8260_5035** Units: **µg/Kg-dry** Prep Date: RunNo: **56484**

Client ID: **MW-11** Batch ID: **24884** TestNo: **SW8260D** **SW 5035** Analysis Date: **11/15/2024** SeqNo: **733768**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	2940	70.9	2837	0	104	77.1	138				
Trichlorofluoromethane	4960	70.9	2837	0	175	70	130				S
Vinyl Chloride	2470	70.9	2837	0	87.2	70	130				

Sample ID: **2411164-013AMSD** SampType: **MSD** TestCode: **8260_5035** Units: **µg/Kg-dry** Prep Date: RunNo: **56484**

Client ID: **MW-11** Batch ID: **24884** TestNo: **SW8260D** **SW 5035** Analysis Date: **11/15/2024** SeqNo: **733769**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	2360	70.9	2837	0	83.0	70	130	2436	3.37	20	
1,1,1-Trichloroethane	2900	70.9	2837	0	102	70	130	3038	4.78	20	
1,1,2,2-Tetrachloroethane	3270	70.9	2837	0	115	70	130	3249	0.544	20	
1,1,2-Trichloroethane	3360	70.9	2837	0	118	70	130	3306	1.49	20	
1,1-Dichloroethane	3650	70.9	2837	0	129	70	130	3693	1.10	20	
1,1-Dichloroethene	3760	70.9	2837	0	132	69.2	158	3802	1.18	20	
1,1-Dichloropropene	3380	70.9	2837	0	119	70	130	3558	5.05	20	
1,2,3-Trichlorobenzene	2310	70.9	2837	0	81.3	70	130	2214	4.08	20	
1,2,3-Trichloropropane	2460	70.9	2837	0	86.6	70	130	2835	14.3	20	
1,2,4-Trichlorobenzene	2530	70.9	2837	0	89.3	70	130	2483	2.04	20	
1,2,4-Trimethylbenzene	2670	70.9	2837	0	94.0	70	130	2735	2.52	20	
1,2-Dibromo-3-chloropropane	2540	35.5	2837	0	89.5	70	130	2437	4.02	20	
1,2-Dibromoethane	2700	70.9	2837	0	95.2	70	130	2764	2.39	20	

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2411164**

11/22/2024

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03 **TestCode: 8260_5035**

Sample ID: **2411164-013AMSD** SampType: **MSD** TestCode: **8260_5035** Units: **µg/Kg-dry** Prep Date: RunNo: **56484**

Client ID: **MW-11** Batch ID: **24884** TestNo: **SW8260D** **SW 5035** Analysis Date: **11/15/2024** SeqNo: **733769**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichlorobenzene	2730	70.9	2837	0	96.1	70	130	2789	2.29	20	
1,2-Dichloroethane	2790	70.9	2837	0	98.5	70	130	2901	3.74	20	
1,2-Dichloropropane	3370	70.9	2837	0	119	70	130	3419	1.44	20	
1,3,5-Trimethylbenzene	2620	70.9	2837	0	92.5	70	130	3055	15.2	20	
1,3-Dichlorobenzene	2700	70.9	2837	0	95.0	70	130	2833	4.98	20	
1,3-Dichloropropane	3180	70.9	2837	0	112	70	130	3334	4.73	20	
1,4-Dichlorobenzene	2530	70.9	2837	0	89.2	70	130	2602	2.79	20	
2,2-Dichloropropane	3100	70.9	2837	0	109	70	130	3213	3.48	20	
2-Butanone	8080	142	5673	0	142	70	130	8168	1.07	20	S
2-Chlorotoluene	2660	70.9	2837	0	93.7	70	130	3087	15.0	20	
2-Hexanone	6990	142	5673	0	123	70	130	6926	0.988	20	
4-Chlorotoluene	2590	70.9	2837	0	91.2	70	130	3088	17.7	20	
4-Isopropyltoluene	2710	70.9	2837	0	95.5	70	130	2857	5.30	20	
4-Methyl-2-pentanone	7500	142	5673	0	132	70	130	7527	0.397	20	S
Acetone	8540	284	5673	0	150	70	130	8467	0.826	20	S
Benzene	3330	70.9	2837	0	117	71.7	147	3435	3.23	20	
Bromobenzene	2440	70.9	2837	0	86.0	70	130	2833	15.0	20	
Bromochloromethane	2930	70.9	2837	0	103	70	130	2913	0.679	20	
Bromodichloromethane	2590	70.9	2837	0	91.2	70	130	2683	3.66	20	
Bromoform	2330	70.9	2837	0	82.1	70	130	2357	1.18	20	
Bromomethane	3200	70.9	2837	0	113	70	130	2104	41.4	20	RMI
Carbon Disulfide	3610	70.9	2837	0	127	70	130	3570	1.03	20	
Carbon tetrachloride	2780	70.9	2837	0	97.9	70	130	2930	5.34	20	

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2411164**

11/22/2024

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03 **TestCode: 8260_5035**

Sample ID: **2411164-013AMSD** SampType: **MSD** TestCode: **8260_5035** Units: **µg/Kg-dry** Prep Date: RunNo: **56484**

Client ID: **MW-11** Batch ID: **24884** TestNo: **SW8260D** **SW 5035** Analysis Date: **11/15/2024** SeqNo: **733769**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	2870	70.9	2837	0	101	75	148	3001	4.42	20	
Chloroethane	4340	70.9	2837	0	153	70	130	4382	0.976	20	S
Chloroform	3080	70.9	2837	0	109	70	130	3208	3.95	20	
Chloromethane	4040	70.9	2837	0	142	70	130	3352	18.6	20	S
cis-1,2-Dichloroethene	3650	70.9	2837	0	129	70	130	3671	0.640	20	
cis-1,3-Dichloropropene	2710	70.9	2837	0	95.6	70	130	2832	4.38	20	
Dibromochloromethane	2320	70.9	2837	0	81.7	70	130	2410	3.93	20	
Dibromomethane	2850	70.9	2837	0	101	70	130	2937	2.94	20	
Dichlorodifluoromethane	2930	142	2837	0	103	70	130	2428	18.9	20	
Ethylbenzene	2780	70.9	2837	0	97.9	70	130	2932	5.49	20	
Hexachlorobutadiene	2520	70.9	2837	0	88.8	70	130	2503	0.593	20	
Isopropylbenzene	2690	70.9	2837	0	94.8	70	130	2843	5.56	20	
m,p-Xylene	5590	142	5673	0	98.5	70	130	5840	4.46	20	
Methyl tert-butyl ether	3800	142	2837	0	134	70	130	3590	5.64	20	S
Methylene Chloride	3810	355	2837	0	134	70	130	3648	4.35	20	S
Naphthalene	2620	70.9	2837	0	92.5	70	130	2379	9.84	20	
n-Butylbenzene	2850	70.9	2837	0	101	70	130	3006	5.25	20	
n-Propylbenzene	2720	70.9	2837	0	96.1	70	130	3271	18.2	20	
o-Xylene	2690	70.9	2837	0	94.8	70	130	2815	4.61	20	
sec-Butylbenzene	2800	70.9	2837	0	98.7	70	130	2991	6.59	20	
Styrene	2740	70.9	2837	0	96.5	70	130	2789	1.90	20	
tert-Butylbenzene	2970	70.9	2837	0	105	70	130	3093	4.05	20	
Tetrachloroethene	2320	70.9	2837	0	81.9	70	130	2679	14.3	20	

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2411164**

11/22/2024

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03 **TestCode: 8260_5035**

Sample ID: **2411164-013AMSD** SampType: **MSD** TestCode: **8260_5035** Units: **µg/Kg-dry** Prep Date: RunNo: **56484**

Client ID: **MW-11** Batch ID: **24884** TestNo: **SW8260D** **SW 5035** Analysis Date: **11/15/2024** SeqNo: **733769**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	3170	70.9	2837	0	112	75.8	153	3318	4.48	20	
trans-1,2-Dichloroethene	3910	70.9	2837	0	138	70	130	3874	0.911	20	S
trans-1,3-Dichloropropene	2670	70.9	2837	0	94.3	70	130	2804	4.74	20	
Trichloroethene	2790	70.9	2837	0	98.2	77.1	138	2940	5.40	20	
Trichlorofluoromethane	4530	70.9	2837	0	160	70	130	4955	9.05	20	S
Vinyl Chloride	2340	70.9	2837	0	82.5	70	130	2474	5.60	20	

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2411164**

11/22/2024

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03 **TestCode:** **NWTPHDX_S**

Sample ID: **CCV-1**	SampType: **CCV**	TestCode: **NWTPHDX_S**	Units: **mg/Kg**	Prep Date:	RunNo: **56508**
Client ID: **CCV**	Batch ID: **24887**	TestNo: **NWTPH-Dx**	**SW3545A**	Analysis Date: **11/19/2024**	SeqNo: **734153**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics	1050	16.7	1000	0	105	85	115				
Oil Range Organics	547	50.0	500.0	0	109	85	115				

Sample ID: **MB-24887**	SampType: **MBLK**	TestCode: **NWTPHDX_S**	Units: **mg/Kg**	Prep Date: **11/18/2024**	RunNo: **56508**
Client ID: **PBS**	Batch ID: **24887**	TestNo: **NWTPH-Dx**	**SW3545A**	Analysis Date: **11/19/2024**	SeqNo: **734154**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics	ND	16.7									
Oil Range Organics	ND	50.0									
Surr: o-Terphenyl	34.6		33.33		104	50	150				

Sample ID: **LCS-24887**	SampType: **LCS**	TestCode: **NWTPHDX_S**	Units: **mg/Kg**	Prep Date: **11/18/2024**	RunNo: **56508**
Client ID: **LCSS**	Batch ID: **24887**	TestNo: **NWTPH-Dx**	**SW3545A**	Analysis Date: **11/19/2024**	SeqNo: **734155**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics	190	16.7	166.7	0	114	76.3	125				
Oil Range Organics	187	50.0	166.7	0	112	69.9	127				

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2411164**

11/22/2024

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03 **TestCode:** **NWTPHDX_S**

Sample ID: **LCSD-24887** SampType: **LCSD** TestCode: **NWTPHDX_S** Units: **mg/Kg** Prep Date: **11/18/2024** RunNo: **56508**

Client ID: **LCSS02** Batch ID: **24887** TestNo: **NWTPH-Dx** **SW3545A** Analysis Date: **11/19/2024** SeqNo: **734156**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics	191	16.7	166.7	0	114	76.3	125	190.1	0.308	20	
Oil Range Organics	202	50.0	166.7	0	121	69.9	127	187.5	7.64	20	

Sample ID: **CCV-2** SampType: **CCV** TestCode: **NWTPHDX_S** Units: **mg/Kg** Prep Date: RunNo: **56508**

Client ID: **CCV** Batch ID: **24887** TestNo: **NWTPH-Dx** **SW3545A** Analysis Date: **11/20/2024** SeqNo: **734170**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics	1420	16.7	1333	0	107	85	115				
Oil Range Organics	708	50.0	666.7	0	106	85	115				

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2411164**

11/22/2024

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03 **TestCode:** **NWTPHGX_5035**

Sample ID: **CCV-2K** SampType: **CCV** TestCode: **NWTPHGX_5** Units: **mg/Kg** Prep Date: RunNo: **56481**

Client ID: **CCV** Batch ID: **24885** TestNo: **NWTPH-Gx** **SW 5035** Analysis Date: **11/15/2024** SeqNo: **733714**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics	102	2.50	100.0	0	102	80	120				

Sample ID: **LCS-R56481** SampType: **LCS** TestCode: **NWTPHGX_5** Units: **mg/Kg** Prep Date: RunNo: **56481**

Client ID: **LCSS** Batch ID: **24885** TestNo: **NWTPH-Gx** **SW 5035** Analysis Date: **11/15/2024** SeqNo: **733715**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics	63.4	2.50	62.50	0	102	53.5	121				

Sample ID: **LCSD-R56481** SampType: **LCSD** TestCode: **NWTPHGX_5** Units: **mg/Kg** Prep Date: RunNo: **56481**

Client ID: **LCSS02** Batch ID: **24885** TestNo: **NWTPH-Gx** **SW 5035** Analysis Date: **11/15/2024** SeqNo: **733716**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics	63.4	2.50	62.50	0	101	53.5	121	63.45	0.0615	20	

Sample ID: **MB-R56481** SampType: **MBLK** TestCode: **NWTPHGX_5** Units: **mg/Kg** Prep Date: RunNo: **56481**

Client ID: **PBS** Batch ID: **24885** TestNo: **NWTPH-Gx** **SW 5035** Analysis Date: **11/15/2024** SeqNo: **733717**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics	ND	2.50									

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2411164**

11/22/2024

Client: Blaes Environmental

Project: Circle K # 2709633 / 219-00001-03 **TestCode:** **NWTPHGX_5035**

Sample ID: **MB-R56481**	SampType: **MBLK**	TestCode: **NWTPHGX_5**	Units: **mg/Kg**	Prep Date:	RunNo: **56481**
Client ID: **PBS**	Batch ID: **24885**	TestNo: **NWTPH-Gx**	**SW 5035**	Analysis Date: **11/15/2024**	SeqNo: **733717**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	5.38		5.000		108	50	150				

Sample ID: **2411164-001ADUP**	SampType: **DUP**	TestCode: **NWTPHGX_5**	Units: **mg/Kg-dry**	Prep Date:	RunNo: **56481**
Client ID: **MW-8 5'**	Batch ID: **24885**	TestNo: **NWTPH-Gx**	**SW 5035**	Analysis Date: **11/15/2024**	SeqNo: **733719**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics	ND	3.43						0	0	20	

Sample ID: **CCV-3K**	SampType: **CCV**	TestCode: **NWTPHGX_5**	Units: **mg/Kg**	Prep Date:	RunNo: **56481**
Client ID: **CCV**	Batch ID: **24885**	TestNo: **NWTPH-Gx**	**SW 5035**	Analysis Date: **11/15/2024**	SeqNo: **733732**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics	140	2.50	150.0	0	93.6	80	120				

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Specialty Analytical
9011 SE Jannsen Rd
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

Sample Receipt Checklist

Client Name BLAES_ENVT Work Order Number 2411164

RcptNo: 1 Date and Time Receive 11/15/2024 10:58:00 AM Received by: Julie Clay

Completed by Reviewed by:

Completed Date: 11/15/2024 11:00:19 AM Reviewed Date: 11/15/2024 3:18:50 PM

Carrier name: Client

Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐	Not Present	☐
Are matrices correctly identified on Chain of custody?	Yes ☑	No ☐		
Is it clear what analyses were requested?	Yes ☑	No ☐		
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present	☑
Samples in proper container/bottle?	Yes ☑	No ☐		
Were correct preservatives used and noted?	Yes ☑	No ☐	NA	☐
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
Were container lables complete (ID, Pres, Date)?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Was an attempt made to cool the samples?	Yes ☑	No ☐	NA	☐
All samples received at a temp. of > 0° C to 6.0° C?	Yes ☑	No ☐	NA	☐
Response when temperature is outside of range:				
Preservative added to bottles:				
Sample Temp. taken and recorded upon receipt?	Yes ☑	No ☐	To	2.4 ºC
Water - Were bubbles absent in VOC vials?	Yes ☐	No ☐	No Vials	☑
Water - Was there Chlorine Present?	Yes ☐	No ☐	NA	☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	NA	☑
Are Samples considered acceptable?	Yes ☑	No ☐		
Custody Seals present?	Yes ☐	No ☑		
Traffic Report or Packing Lists present?	Yes ☐	No ☑		
Airbill or Sticker?	Air Bill ☐	Sticker ☐	Not Present	☑
Airbill No:				
Sample Tags Present?	Yes ☐	No ☑		
Sample Tags Listed on COC?	Yes ☐	No ☑		
Tag Numbers:				
Sample Condition?	Intact ☑	Broken ☐	Leaking	☐

Case Number: SDG: SAS:

Cooler Information

Assets Information

Adjusted? _____ Checked by _____

Any No and/or NA (not applicable) response must be detailed in the comments section be

Specialty Analytical
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Sample Receipt Checklist

Client Name BLAES_ENVT Work Order Number 2411164

Client Contacted? ☐ Yes ☑ No ☐ NA Person Contacted: Comments:

Contact Mode: ☐ Phone: ☐ Fax: ☐ Email: ☐ In Person:

Client Instructions:

Date Contacted: Contacted By:

Regarding:

CorrectiveAction:

Specialty Analytical
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Sample Receipt Checklist

Client Name BLAES_ENVT

Work Order Number 2411164

Sample Details

SampID	ClientSampID	ContainerID	Type	Org pH	Temp.	RcptNo	Cooler No	Comments
2411164-001A	MW-8 5'	Container-01 of 05	Bottle					
2411164-001A	MW-8 5'	Container-02 of 05	Bottle					
2411164-001A	MW-8 5'	Container-03 of 05	Bottle					
2411164-001A	MW-8 5'	Container-04 of 05	Bottle					
2411164-001A	MW-8 5'	Container-05 of 05	Bottle					
2411164-002A	MW-8 10'	Container-01 of 05	Bottle					
2411164-002A	MW-8 10'	Container-02 of 05	Bottle					
2411164-002A	MW-8 10'	Container-03 of 05	Bottle					
2411164-002A	MW-8 10'	Container-04 of 05	Bottle					
2411164-002A	MW-8 10'	Container-05 of 05	Bottle					
2411164-003A	MW-8 15'	Container-01 of 05	Bottle					
2411164-003A	MW-8 15'	Container-02 of 05	Bottle					
2411164-003A	MW-8 15'	Container-03 of 05	Bottle					
2411164-003A	MW-8 15'	Container-04 of 05	Bottle					
2411164-003A	MW-8 15'	Container-05 of 05	Bottle					
2411164-004A	MW-8 19'	Container-01 of 05	Bottle					
2411164-004A	MW-8 19'	Container-02 of 05	Bottle					
2411164-004A	MW-8 19'	Container-03 of 05	Bottle					
2411164-004A	MW-8 19'	Container-04 of 05	Bottle					
2411164-004A	MW-8 19'	Container-05 of 05	Bottle					

Specialty Analytical
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Sample Receipt Checklist

Client Name BLAES_ENVT

Work Order Number 2411164

2411164-005A	MW-9 5'	Container-01 of 05	Bottle
2411164-005A	MW-9 5'	Container-02 of 05	Bottle
2411164-005A	MW-9 5'	Container-03 of 05	Bottle
2411164-005A	MW-9 5'	Container-04 of 05	Bottle
2411164-005A	MW-9 5'	Container-05 of 05	Bottle
2411164-006A	MW-9 10'	Container-01 of 05	Bottle
2411164-006A	MW-9 10'	Container-02 of 05	Bottle
2411164-006A	MW-9 10'	Container-03 of 05	Bottle
2411164-006A	MW-9 10'	Container-04 of 05	Bottle
2411164-006A	MW-9 10'	Container-05 of 05	Bottle
2411164-007A	MW-9 19'	Container-01 of 05	Bottle
2411164-007A	MW-9 19'	Container-02 of 05	Bottle
2411164-007A	MW-9 19'	Container-03 of 05	Bottle
2411164-007A	MW-9 19'	Container-04 of 05	Bottle
2411164-007A	MW-9 19'	Container-05 of 05	Bottle
2411164-008A	MW-10 5'	Container-01 of 05	Bottle
2411164-008A	MW-10 5'	Container-02 of 05	Bottle
2411164-008A	MW-10 5'	Container-03 of 05	Bottle
2411164-008A	MW-10 5'	Container-04 of 05	Bottle
2411164-008A	MW-10 5'	Container-05 of 05	Bottle
2411164-009A	MW-10 10'	Container-01 of 05	Bottle

Specialty Analytical
9011 SE Jannsen Rd
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

Sample Receipt Checklist

Client Name BLAES_ENVT

Work Order Number 2411164

2411164-009A	MW-10 10'	Container-02 of 05	Bottle
2411164-009A	MW-10 10'	Container-03 of 05	Bottle
2411164-009A	MW-10 10'	Container-04 of 05	Bottle
2411164-009A	MW-10 10'	Container-05 of 05	Bottle
2411164-010A	MW-10 19'	Container-01 of 05	Bottle
2411164-010A	MW-10 19'	Container-02 of 05	Bottle
2411164-010A	MW-10 19'	Container-03 of 05	Bottle
2411164-010A	MW-10 19'	Container-04 of 05	Bottle
2411164-010A	MW-10 19'	Container-05 of 05	Bottle
2411164-011A	MW-11	Container-01 of 05	Bottle
2411164-011A	MW-11	Container-02 of 05	Bottle
2411164-011A	MW-11	Container-03 of 05	Bottle
2411164-011A	MW-11	Container-04 of 05	Bottle
2411164-011A	MW-11	Container-05 of 05	Bottle
2411164-012A	MW-11	Container-01 of 05	Bottle
2411164-012A	MW-11	Container-02 of 05	Bottle
2411164-012A	MW-11	Container-03 of 05	Bottle
2411164-012A	MW-11	Container-04 of 05	Bottle
2411164-012A	MW-11	Container-05 of 05	Bottle
2411164-013A	MW-11	Container-01 of 05	Bottle
2411164-013A	MW-11	Container-02 of 05	Bottle

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Website: www.specialtyanalytical.com

Sample Receipt Checklist

Client Name BLAES_ENVT

Work Order Number 2411164

2411164-013A	MW-11	Container-03 of 05	Bottle
2411164-013A	MW-11	Container-04 of 05	Bottle
2411164-013A	MW-11	Container-05 of 05	Bottle

Chain of Custody Record

Specialty Analytical
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Clackamas, OR 97015
Phone: 503-607-1331
www.specialtyanalytical.com

Date: 11/15/24 Page: 1 of: 2

Project Name: CIRCLE K #2709633

Project No: 219-0001-03 PO No: 9633

Collected by: BUES

State Collected: (OR) WA OTHER

Report To (PM): DAN BUES

Client: BUES ENVIRONMENTAL

Address: 45 E MONTEREY WAY #20

City, State, Zip: PHOENIX, AZ 85012

Telephone: 602 725-0707

Invoice Email: DBUES@BUESENVIRONMENTAL.com

PM Email(s): DBUES@BUESENVIRONMENTAL.com

Laboratory Project No (internal): 24111164

Temperature on Receipt: 2.4 °C

Cooling: ICE Shipped Via: Client

Custody Seal: Y (N) Intact / Broken Cooler / Bottle

MDL TIER IV EDD

Sample Disposal: ☐ Return to client (●) Disposal by lab (after 60 days)

	Sample Name	Sample Date	Sample Time	Sample Matrix*	# of Containers	Requested Tests: NWTPH-GX	NWTPH-DX	VOCs-8260 Full										Comments (Please note potential hazards)
1	MW-8 5'	11/14/24	1:41	SOIL	5	X	X	X										
2	MW-8 10'		1:45			X	X	X										
3	MW-8 15'		1:50			X	X	X										
4	MW-8 19'		1:59			X	X	X										
5	MW-9 5'		11:39			X	X	X										
6	MW-9 10'		11:46			X	X	X										
7	MW-9 19'		11:54			X	X	X										
8	MW-10 5'		9:11			X	X	X										
9	MW-10 10'		9:19			X	X	X										
10	MW-10 19		9:30			X	X	X										

*Matrix: A = Air, AQ = Aqueous, L=Liquid, O = Oil, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water, M = Miscellaneous

Turn-around Time: Standard: X 3 Day: ____ 2 Day: ____ Next Day: ____ Same Day: ____

Expedited turn-around requests should be coordinated in advance

Relinquished	Date/Time	Received	Date/Time
x	11/15/24 10:40A	x	11/15/24 10:40A
Relinquished	Date/Time	Received	Date/Time
x		x	
Relinquished	Date/Time	Received	Date/Time
x		x	

Chain of Custody Record

Specialty Analytical
9011 SE Jannsen Rd
Clackamas, OR 97015
Phone: 503-607-1331
www.specialtyanalytical.com

Date: 11/15/24 | Page: 2 of: 2
Project Name: CIRCLE K #2709633
Project No: 219-0001-03 PO No: 9633
Collected by: D BLAES
State Collected: (OR) WA OTHER
Report To (PM): DAN BLAES
PM Email(s): DBLAES@BLAESENVIRONMENTAL.COM

Laboratory Project No (internal): 24111164
Temperature on Receipt: 2.4 °C
Cooling: DCE Shipped Via: Client
Custody Seal: Y (N) Intact / Broken Cooler / Bottle
MDL TIER IV EDD
Sample Disposal: ☐ Return to client (☑) Disposal by lab (after 60 days)

Client: BLAES ENVIRONMENTAL
Address: 45 EAST MONTEREY WAY #200
City, State, Zip: PHOENIX, AZ 85012
Telephone: 602-728-0707
Invoice Email: DBLAES@BLAESENVIRONMENTAL.COM

	Sample Name	Sample Date	Sample Time	Sample Matrix*	# of Containers	Requested Tests: NWTPH-GX	NWTPH-DX	VOCs 8260 Full	Comments (Please note potential hazards)
1	MW-11	11/14/24	10:22	SOIL	5	X	X	X	
2	MW-11	↓	10:31	↓	5	X	X	X	
3	MW-11	↓	10:44	↓	5	X	X	X	
4									
5									
6									
7									
8									
9									
10									

*Matrix: A = Air, AQ = Aqueous, L=Liquid, O = Oil, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water, M = Miscellaneous

Turn-around Time: Standard: X 3 Day: ____ 2 Day: ____ Next Day: ____ Same Day: ____
Expedited turn-around requests should be coordinated in advance

Relinquished	Date/Time	Received	Date/Time
x DBL	11/15/24 10:40 AM	x	11/15/24 10:40A
Relinquished	Date/Time	Received	Date/Time
		x	
Relinquished	Date/Time	Received	Date/Time
x		x	

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TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

Definition Only

WO#: **2411164**
Date: **11/22/2024**

Definitions:

KEY TO FLAGS

A: This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was qualified against gasoline calibration standards.

A1: This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was qualified against diesel calibration standards.

A2: This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was qualified against lube oil calibration standards.

A3: The results was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.

A4: The product appears to be aged or degraded.

B: The blank exhibited a positive result greater than the reporting limit for this compound.

BC: Sample concentration is >10x positive result in blank. Data is considered acceptable.

CN: See Case Narrative.

E: Result exceeds the calibration range for this compound. The result should be considered an estimate.

F: The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.

FS: Follow-up testing is suggested.

G: Result may be biased high due to biogenic interferences. Clean up is recommended.

H: Sample was analyzed outside recommended holding time.

HT: At client's request, samples was analyzed outside of recommended holding time.

HP: Sample was analyzed outside recommended holding time due to VOA having pH >2.

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Website: www.specialtyanalytical.com

Definition Only

WO#: **2411164**
Date: **11/22/2024**

Definitions:

J: The results for this analyte is between the MDL and the PQL and should be considered an estimated concentration.

K: Diesel result is biased high due to amount of Oil contained in the sample.

L: Diesel result is biased high due to amount of Gasoline contained in the sample.

M: Oil result is biased high due to amount of Diesel contained in the sample.

N: Gasoline result is biased high due to amount of Diesel contained in the sample.

MC: Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.

MI: Result is outside control limits due to matrix interference.

NH: Sample matrix is non-homogeneous

MSA: Value determined by Method of Standard Addition.

O: Laboratory Control Standard (LCS) exceeded laboratory control limits but meets CCV criteria. Data meets EPA requirements.

Q: Detection levels elevated due to sample matrix.

R: RPD control limits were exceeded

RF: Duplicate failed due to result being at or near the method-reporting limit.

RP: Matrix spike values exceed established QC limits; post digestion spike is in control.

S: Recovery is outside control limits.

SC: CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.

Definitions:

SL: LCS exceeded recovery control limits, but associated MS/MSD passing. Data meets EPA requirements.

SV: CCV exceded low recovery control limits. ND as reported evaluated using EPA method 8260D section 11.4.3.2

TA: Sample treated with ascorbic acid for the removal of thiocyanates.

TS: Sample treated with Sodium Sulfite for the removal of chlorine.

APPENDIX D

GROUNDWATER SAMPLING FIELD NOTES

Project/ Task No.			(303A) 219-9633-03				Date:	12/2/24					
Client:		Circle K					Purpose:						
Site:		CIRCLE K 2709633					Name:	GW MONITORING			BLAES		
Well ID	Time	Depth to Product (ft. btoc)	Depth to Groundwater (ft. btoc)	Total Depth (feet)	Well Diam. (inches)	DO (%)	DO (mg/L)	Cond.	Cond.	Salinity (mS/L)	Temp (deg. C)	pH	Notes
MW-1			6.47	20	2								
MW-2			6.69	20	2								WELL WAS UNDER PRESSURE
MW-3			5.58	20	2								
MW-4			4.66	20	2								
MW-5			7.90	20	2								
MW-6			6.00	20	2								
MW-7		5.98	6.01	15	2								LPH IN WELL
MW-8			5.74	20	2								
MW-9			6.59	20	2								
MW-10			5.23	20	2								
MW-11			6.15	20	2								

Blaes ENVIRONMENTAL

GROUNDWATER SAMPLING FORM

Site ID: CIRCLE K # 2709633
Project No.: 219-9633-03
Recorded By: D. BLAES

Well No.: MW-4
Well Type: ☒ Monitor ☐ Remedial - VE AS
☐ Other:
Well Material: ☒ PVC ☐ St. Steel
☐ Other:

WELL PURGING

Purge Volume

Purge Date: 12/3/24

Casing Diameter (D) in inches:
☒ 2-inch ☐ 4-inch ☐ 6-inch ☐ Other:
Total Depth of Casing (TD in feet BTOC):
Water Level Depth (WL in feet BTOC): 4.66 (12/2/24)
Number of Well Volumes (# Vols) to be Purged:
☐ 3 ☐ 4 ☐ 5 ☐ Other:

Purge Volume Calulation:

(TD (feet) − WL (feet)) X D (inches)^2 X # Vols X 0.0409 = Calculated Purge Volume gallons

Purge Method

☒ Bailer - Type: DISPOSABLE
☐ Submersible ☐ Submersible Whale
☐ Other:

Pump Intake Setting

☐ Near Bottom ☐ Near Top ☐ Other:
Depth in feet (BTOC):
Screen Interval in Feet (BTOC): from to

Pump Time

Start: Stop: Time Elapsed:

Purge Rate

Initial gpm
Final gpm

Actual Purge Volume

gallons

Field Parameter Measurements

BUCKET

Time	Gallons Purged	DO%	DO (mg/L)	Cond. 1 (umhos/cm)	Cond. 2 (umhos/cm)	Salinity	Temp. °C	pH	ORP ~~Notes~~
	1	38.6	3.77	258	214	0.12	16.58	11.92	-30.5
	2	42.4	4.15	256	214	0.12	16.31	12.00	-18.6
	3	42.1	4.13	257	215	0.12	16.45	12.00	-17.4

Observations During Purging (well Condition, Turbidity, Color, Odor, etc.): PURGED NEARLY DRY BEFORE SAMPLE

Purge Water Storage/Disposal: ☒ Drum(s), Number: ☐ Storm Sewer ☐ Sanitary Sewer
Other / Comments:

WELL SAMPLING

Sampled By: D. BLAES 12/3/24
Sampling Date: 12/3/24
Sampling Time: 11:28 AM

Sampling Method

☒ Bailer - Type: DISPOSABLE
☐ Submersible ☐ Whale
☐ Other:

Water Level Before Sampling (in feet BTOC):
☐ Same as Above
☐ Grab - Type:
☐ Other - Type:

Sampling Distribution

Sample Series:

Sample No.	# Containers, Vol.	Preservative	Analysis	Lab	Comments

Other Notes:

Blaes ENVIRONMENTAL

GROUNDWATER SAMPLING FORM

Site ID: CIRCLE K #2709633
Project No.: 219-9633-03
Recorded By: D-BLAES

Well No.: MW-5
Well Type: ☒ Monitor ☐ Remedial - VE AS
☐ Other:
Well Material: ☒ PVC ☐ St. Steel
☐ Other:

WELL PURGING

Purge Volume

Purge Date: 12/3/24

Casing Diameter (D) in inches:
☒ 2-inch ☐ 4-inch ☐ 6-inch ☐ Other:
Total Depth of Casing (TD in feet BTOC):
Water Level Depth (WL in feet BTOC): 7.90 (12/2/24)
Number of Well Volumes (# Vols) to be Purged:
☐ 3 ☐ 4 ☐ 5 ☐ Other:

Purge Volume Calulation:

(TD (feet) − WL (feet)) X D (inches)^2 X # Vols X 0.0409 = Calculated Purge Volume gallons

Purge Method

☒ Bailer - Type: DISPOSABLE
☐ Submersible ☐ Submersible Whale
☐ Other:

Pump Intake Setting

☐ Near Bottom ☐ Near Top ☐ Other:
Depth in feet (BTOC):
Screen Interval in Feet (BTOC): from to

Pump Time

Start: Stop: Time Elapsed:

Purge Rate

Initial gpm
Final gpm

Actual Purge Volume

gallons

Field Parameter Measurements

Time	Gallons Purged	DO%	DO (mg/L)	Cond. 1 (umhos/cm)	Cond 2 (umhos/cm)	Salinity	Temp. °C	pH	~~Notes~~ ORP
	1	30.0	2.82	786	682	0.38	18.15	11.78	-64.9
	2	29.7	2.80	795	691	0.38	18.12	11.78	-81.2
	3	28.7	2.71	805	698	0.40	18.04	11.79	-84.2

BUCKET

Observations During Purging (well Condition, Turbidity, Color, Odor, etc.): PURGED ALMOST DRY BEFORE SAMPLE

Purge Water Storage/Disposal: ☒ Drum(s), Number: ☐ Storm Sewer ☐ Sanitary Sewer
Other / Comments:

WELL SAMPLING

Sampled By: D-BLAES **Sampling Date:** 12/3/24 **Sampling Time:** 11:00 AM

Sampling Method

Water Level Before Sampling (in feet BTOC):

☒ Bailer - Type: DISPOSABLE
☐ Submersible ☐ Whale
☐ Other:
☐ Same as Above
☐ Grab - Type:
☐ Other - Type:

Sampling Distribution

Sample Series:

Sample No.	# Containers, Vol.	Preservative	Analysis	Lab	Comments

Other Notes:

Blaes ENVIRONMENTAL

GROUNDWATER SAMPLING FORM

Site ID: CIRCLE K #2709633
Project No.: 219-9633-03
Recorded By: D. BLAES

Well No.: MW-8
Well Type: ☒ Monitor ☐ Remedial - VE AS
☐ Other:
Well Material: ☒ PVC ☐ St. Steel
☐ Other:

WELL PURGING

Purge Volume

Purge Date: 12/3/24

Casing Diameter (D) in inches:
☒ 2-inch ☐ 4-inch ☐ 6-inch ☐ Other:
Total Depth of Casing (TD in feet BTOC):
Water Level Depth (WL in feet BTOC): 5.74 (12/2/24)
Number of Well Volumes (# Vols) to be Purged:
☐ 3 ☐ 4 ☐ 5 ☐ Other:

Purge Volume Calulation:

(TD (feet) − WL (feet)) X D (inches)^2 X # Vols X 0.0409 = Calculated Purge Volume gallons

Purge Method

☒ Bailer - Type: DISPOSABLE
☐ Submersible ☐ Submersible Whale
☐ Other:

Pump Intake Setting

☐ Near Bottom ☐ Near Top ☐ Other:
Depth in feet (BTOC):
Screen Interval in Feet (BTOC): from to

Pump Time

Start: Stop: Time Elapsed:

Purge Rate

Initial gpm
Final gpm

Actual Purge Volume

gallons

Field Parameter Measurements

Time	Gallons Purged	DO%	DO (mg/L)	Cond. 1 (umhos/cm)	Cond. 2 (umhos/cm)	Salinity	°C Temp.	pH	ORP Notes
BUCKET	1	52.6	4.83	485	424	0.23	18.26	11.85	-50.1
	2	53.6	4.93	483	424	0.23	18.63	11.89	-28.2
	3	42.8	4.01	491	430	0.23	18.46	11.90	-23.6

Observations During Purging (well Condition, Turbidity, Color, Odor, etc.): RECHARGES BETTER THAN OTHER WELLS

Purge Water Storage/Disposal: ☒ Drum(s), Number: ☐ Storm Sewer ☐ Sanitary Sewer
Other / Comments:

WELL SAMPLING

Sampled By: D. BLAES
Sampling Date: 12/3/24
Sampling Time: 12:03 p

Sampling Method

Water Level Before Sampling (in feet BTOC):

☒ Bailer - Type: DISPOSABLE
☐ Submersible ☐ Whale
☐ Other:
☐ Same as Above
☐ Grab - Type:
☐ Other - Type:

Sampling Distribution

Sample Series:

Sample No.	# Containers, Vol.	Preservative	Analysis	Lab	Comments

Other Notes:

Blaes ENVIRONMENTAL

GROUNDWATER SAMPLING FORM

Site ID: CIRCLE K #2709633
Project No.: 219-9633-03
Recorded By: D. BLAES

Well No.: MW-9
Well Type: ☒ Monitor ☐ Remedial - VE AS
☐ Other:
Well Material: ☒ PVC ☐ St. Steel
☐ Other:

WELL PURGING

Purge Volume

Purge Date: 12/3/24

Casing Diameter (D) in inches:
☒ 2-inch ☐ 4-inch ☐ 6-inch ☐ Other:
Total Depth of Casing (TD in feet BTOC):
Water Level Depth (WL in feet BTOC): 6.59' (12/2/24)
Number of Well Volumes (# Vols) to be Purged:
☐ 3 ☐ 4 ☐ 5 ☐ Other:

Purge Volume Calulation:

(TD (feet) − WL (feet)) X D (inches)^2 X # Vols X 0.0409 = Calculated Purge Volume gallons

Purge Method

☒ Bailer - Type: DISPOSABLE
☐ Submersible ☐ Submersible Whale
☐ Other:

Pump Intake Setting

☐ Near Bottom ☐ Near Top ☐ Other:
Depth in feet (BTOC):
Screen Interval in Feet (BTOC): from to

Pump Time

Start: Stop: Time Elapsed:

Purge Rate

Initial gpm
Final gpm

Actual Purge Volume

gallons

Field Parameter Measurements

Time	Gallons Purged	DO%	DO (mg/L)	Cond. 1 (umhos/cm)	Cond. 2 (umhos/cm)	Salinity	Temp. °C	pH	ORP Notes
BUCKET	1	36.2	3.57	214	177	0.10	16.44	11.57	-19.6
	2	36.3	3.53	210	176	0.10	16.61	11.63	-18.2
	3	38.9	3.78	210	177	0.10	16.68	11.75	-16.4

Observations During Purging (well Condition, Turbidity, Color, Odor, etc.):

Purge Water Storage/Disposal: ☒ Drum(s), Number: ☐ Storm Sewer ☐ Sanitary Sewer
Other / Comments:

WELL SAMPLING

Sampled By: D. BLAES
Sampling Date: 12/3/24
Sampling Time: 10:31 AM

Sampling Method

Water Level Before Sampling (in feet BTOC):

☒ Bailer - Type: DISPOSABLE
☐ Submersible ☐ Whale
☐ Other:
☐ Same as Above
☐ Grab - Type:
☐ Other - Type:

Sampling Distribution

Sample Series:

Sample No.	# Containers, Vol.	Preservative	Analysis	Lab	Comments

Other Notes:

Blaes ENVIRONMENTAL

GROUNDWATER SAMPLING FORM

Site ID: CIRCLE K #2709633
Project No.: 219-9633-03
Recorded By: D. BLAES

Well No.: MW-10
Well Type: ☒ Monitor ☐ Remedial - VE AS
☐ Other:
Well Material: ☒ PVC ☐ St. Steel
☐ Other:

WELL PURGING

Purge Volume

Purge Date: 12/3/24

Casing Diameter (D) in inches:
☒ 2-inch ☐ 4-inch ☐ 6-inch ☐ Other:
Total Depth of Casing (TD in feet BTOC):
Water Level Depth (WL in feet BTOC): 5.23' (12/2/24)
Number of Well Volumes (# Vols) to be Purged:
☐ 3 ☐ 4 ☐ 5 ☐ Other:

Purge Volume Calulation:

(TD (feet) − WL (feet)) X D (inches)^2 X # Vols X 0.0409 = Calculated Purge Volume gallons

Purge Method

☒ Bailer - Type: DISPOSABLE
☐ Submersible ☐ Submersible Whale
☐ Other:

Pump Intake Setting

☐ Near Bottom ☐ Near Top ☐ Other:
Depth in feet (BTOC):
Screen Interval in Feet (BTOC): from to

Pump Time

Start: Stop: Time Elapsed:

Purge Rate

Initial gpm
Final gpm

Actual Purge Volume

gallons

Field Parameter Measurements

Time	Gallons Purged	DO%	DO (mg/L)	Cond. 1 (umhos/cm)	Cond. 2 (umhos/cm)	Salinity	Temp. °C	pH	Notes ORP
BUDGET	1	46.8	4.39	436	380	0.21	18.30	11.91	-44.0
	2	49.1	4.62	454	392	0.22	18.22	11.93	-47.0
	3	48.6	4.56	450	391	0.22	18.16	11.97	-45.3

Observations During Purging (well Condition, Turbidity, Color, Odor, etc.:

Purge Water Storage/Disposal: ☒ Drum(s), Number: ☐ Storm Sewer ☐ Sanitary Sewer
Other / Comments:

WELL SAMPLING

Sampled By: D. BLAES
Sampling Date: 12/3/24
Sampling Time: 9:29 AM

Sampling Method

Water Level Before Sampling (in feet BTOC):

☒ Bailer - Type: DISPOSABLE
☐ Submersible ☐ Whale
☐ Other:
☐ Same as Above
☐ Grab - Type:
☐ Other - Type:

Sampling Distribution

Sample Series:

Sample No.	# Containers, Vol.	Preservative	Analysis	Lab	Comments

Other Notes:

Blaes ENVIRONMENTAL

GROUNDWATER SAMPLING FORM

Site ID: CIRCLE K #2709633
Project No.: 219-9633-03
Recorded By: D. BLAES

Well No.: MW-11
Well Type: ☒ Monitor ☐ Remedial - VE AS
☐ Other:
Well Material: ☒ PVC ☐ St. Steel
☐ Other:

WELL PURGING

Purge Volume

Purge Date: 12/3/24

Casing Diameter (D) in inches:
☒ 2-inch ☐ 4-inch ☐ 6-inch ☐ Other:

Total Depth of Casing (TD in feet BTOC):

Water Level Depth (WL in feet BTOC): 6.15' (12/2/24)

Number of Well Volumes (# Vols) to be Purged:
☐ 3 ☐ 4 ☐ 5 ☐ Other:

Purge Volume Calulation:

(TD (feet) − WL (feet)) X D (inches)^2 X # Vols X 0.0409 = Calculated Purge Volume gallons

Purge Method

☒ Bailer - Type: DISPOSABLE
☐ Submersible ☐ Submersible Whale
☐ Other:

Pump Intake Setting

☐ Near Bottom ☐ Near Top ☐ Other:
Depth in feet (BTOC):

Screen Interval in Feet (BTOC): from to

Pump Time

Start: Stop: Time Elapsed:

Purge Rate

Initial gpm
Final gpm

Actual Purge Volume

gallons

Field Parameter Measurements

Time	Gallons Purged	DO%	DO (mg/L)	Cond. 1 (umhos/cm)	Cond. 2 (umhos/cm)	Salinity	Temp. °C	pH	ORP Notes
	1	67.2	6.44	753	626	0.37	16.13	11.95	-15.0
	2	49.8	4.88	761	648	0.38	16.07	11.95	-11.2
	3	47.4	4.76	782	644	0.39	15.76	11.92	-10.4

BUCKET

Observations During Purging (well Condition, Turbidity, Color, Odor, etc.): PURGED ALMOST DRY BEFORE SAMPLE

Purge Water Storage/Disposal: ☒ Drum(s), Number: ☐ Storm Sewer ☐ Sanitary Sewer
Other / Comments:

WELL SAMPLING

Sampled By: D. BLAES
Sampling Date: 12/3/24
Sampling Time: 9:57 AM

Sampling Method

☒ Bailer - Type: DISPOSABLE
☐ Submersible ☐ Whale
☐ Other:

Water Level Before Sampling (in feet BTOC):
☐ Same as Above
☐ Grab - Type:
☐ Other - Type:

Sampling Distribution

Sample Series:

Sample No.	# Containers, Vol.	Preservative	Analysis	Lab	Comments

Other Notes:

APPENDIX E

GROUNDWATER LABORATORY REPORT

Specialty Analytical

9011 SE Jannsen Rd
Clackamas, OR 97015
TEL: (503) 607-1331
Website: www.specialtyanalytical.com

December 10, 2024

Dan Blaes
Blaes Environmental
45 East Monterey Way
Phoenix, AZ 85012
TEL:
FAX:

RE: Circle K #2709633 / 219-9633-03 Order No.: 2412018

Dear Dan Blaes:

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

Marty French
Lab Director

Specialty Analytical

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Website: www.specialtyanalytical.com

Analytical Report

(Consolidated-ORELAP)
WO#: **2412018**
Date Reported: **12/10/2024**

CLIENT: Blaes Environmental **Collection Date:** 12/3/2024 11:28:00 AM
Project: Circle K #2709633 / 219-9633-03
Lab ID: 2412018-001 **Matrix:** WATER
Client Sample ID MW-4

Analyses	Result	MDL	Qual	PQL	Units	DF	Date Analyze	ORELAP Status
NWTPH-DX - RBC					**NWTPH-DX**	**SW 3510C**	Analyst: **MB**	
Diesel Range Organics	ND	0.0609		0.0761	mg/L	1	12/07/24 0:01	
Oil Range Organics	ND	0.0533		0.190	mg/L	1	12/07/24 0:01	
Surr: o-Terphenyl	72.9				%Rec	1	12/07/24 0:01	
NWTPH-GX					**NWTPH-GX**	**NWTPH-GX**	Analyst: **LB**	
Gasoline Range Organics	ND	4.55		100	µg/L	1	12/03/24 19:13	
Surr: 4-Bromofluorobenzene	113				%Rec	1	12/03/24 19:13	
VOLATILE ORGANICS BY GC/MS					**SW8260D**	**SW 5030B**	Analyst: **LB**	
1,1,1,2-Tetrachloroethane	ND	0.0270		1.00	µg/L	1	12/04/24 16:58	A
1,1,1-Trichloroethane	ND	0.0320		1.00	µg/L	1	12/04/24 16:58	A
1,1,2,2-Tetrachloroethane	ND	0.0390		1.00	µg/L	1	12/04/24 16:58	A
1,1,2-Trichloroethane	ND	0.0850		1.00	µg/L	1	12/04/24 16:58	A
1,1-Dichloroethane	ND	0.0250		1.00	µg/L	1	12/04/24 16:58	A
1,1-Dichloroethene	ND	0.0690		1.00	µg/L	1	12/04/24 16:58	A
1,1-Dichloropropene	ND	0.0360		1.00	µg/L	1	12/04/24 16:58	A
1,2,3-Trichlorobenzene	ND	0.192		1.00	µg/L	1	12/04/24 16:58	A
1,2,3-Trichloropropane	ND	0.0390		1.00	µg/L	1	12/04/24 16:58	A
1,2,4-Trichlorobenzene	ND	0.102		1.00	µg/L	1	12/04/24 16:58	
1,2,4-Trimethylbenzene	ND	0.0230		1.00	µg/L	1	12/04/24 16:58	A
1,2-Dibromo-3-chloropropane	ND	0.0560		1.00	µg/L	1	12/04/24 16:58	A
1,2-Dibromoethane	ND	0.0340		1.00	µg/L	1	12/04/24 16:58	A
1,2-Dichlorobenzene	ND	0.0360		1.00	µg/L	1	12/04/24 16:58	A
1,2-Dichloroethane	ND	0.0250		1.00	µg/L	1	12/04/24 16:58	A
1,2-Dichloropropane	ND	0.0420		1.00	µg/L	1	12/04/24 16:58	A
1,3,5-Trimethylbenzene	ND	0.0390		1.00	µg/L	1	12/04/24 16:58	A
1,3-Dichlorobenzene	ND	0.0530		1.00	µg/L	1	12/04/24 16:58	A

QUALIFIERS

H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits
R RPD outside accepted recovery limits

NELAP

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Analytical Report

(Consolidated-ORELAP)
WO#: **2412018**
Date Reported: **12/10/2024**

CLIENT: Blaes Environmental **Collection Date:** 12/3/2024 11:28:00 AM
Project: Circle K #2709633 / 219-9633-03
Lab ID: 2412018-001 **Matrix:** WATER
Client Sample ID MW-4

Analyses	Result	MDL	Qual	PQL	Units	DF	Date Analyze	ORELAP Status
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **LB**		
1,3-Dichloropropane	ND	0.0530		1.00	µg/L	1	12/04/24 16:58	A
1,4-Dichlorobenzene	ND	0.0760		1.00	µg/L	1	12/04/24 16:58	A
2,2-Dichloropropane	ND	0.320		1.00	µg/L	1	12/04/24 16:58	A
2-Butanone	ND	0.874		10.0	µg/L	1	12/04/24 16:58	A
2-Chlorotoluene	ND	0.0320		1.00	µg/L	1	12/04/24 16:58	A
2-Hexanone	ND	0.157		10.0	µg/L	1	12/04/24 16:58	A
4-Chlorotoluene	ND	0.0450		1.00	µg/L	1	12/04/24 16:58	A
4-Isopropyltoluene	ND	0.0360		1.00	µg/L	1	12/04/24 16:58	
4-Methyl-2-pentanone	ND	0.0840		10.0	µg/L	1	12/04/24 16:58	A
Acetone	ND	0.279		20.0	µg/L	1	12/04/24 16:58	A
Acrylonitrile	ND	1.68		5.00	µg/L	1	12/04/24 16:58	A
Benzene	ND	0.0390		0.300	µg/L	1	12/04/24 16:58	A
Bromobenzene	ND	0.0450		1.00	µg/L	1	12/04/24 16:58	A
Bromochloromethane	ND	0.0800		1.00	µg/L	1	12/04/24 16:58	A
Bromodichloromethane	ND	0.0600		1.00	µg/L	1	12/04/24 16:58	A
Bromoform	ND	0.0450		1.00	µg/L	1	12/04/24 16:58	A
Bromomethane	ND	0.0480		1.00	µg/L	1	12/04/24 16:58	A
Carbon disulfide	ND	0.0610		2.00	µg/L	1	12/04/24 16:58	A
Carbon tetrachloride	ND	0.0320		1.00	µg/L	1	12/04/24 16:58	A
Chlorobenzene	ND	0.0300		1.00	µg/L	1	12/04/24 16:58	A
Chloroethane	ND	0.123		1.00	µg/L	1	12/04/24 16:58	
Chloroform	ND	0.0510		1.00	µg/L	1	12/04/24 16:58	A
Chloromethane	ND	0.101		1.00	µg/L	1	12/04/24 16:58	A
cis-1,2-Dichloroethene	ND	0.0450		1.00	µg/L	1	12/04/24 16:58	A
cis-1,3-Dichloropropene	ND	0.0310		1.00	µg/L	1	12/04/24 16:58	A
Dibromochloromethane	ND	0.0320		1.00	µg/L	1	12/04/24 16:58	
Dibromomethane	ND	0.0560		1.00	µg/L	1	12/04/24 16:58	A
Dichlorodifluoromethane	ND	0.0530		1.00	µg/L	1	12/04/24 16:58	A
Ethylbenzene	ND	0.112		1.00	µg/L	1	12/04/24 16:58	A

QUALIFIERS

H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits
R RPD outside accepted recovery limits

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Specialty Analytical

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Analytical Report

(Consolidated-ORELAP)
WO#: **2412018**
Date Reported: **12/10/2024**

CLIENT: Blaes Environmental **Collection Date:** 12/3/2024 11:28:00 AM
Project: Circle K #2709633 / 219-9633-03
Lab ID: 2412018-001 **Matrix:** WATER
Client Sample ID MW-4

Analyses	Result	MDL	Qual	PQL	Units	DF	Date Analyze	ORELAP Status
VOLATILE ORGANICS BY GC/MS					**SW8260D**	**SW 5030B**	Analyst: **LB**	
Freon-113	ND	0.0730		1.00	µg/L	1	12/04/24 16:58	A
Hexachlorobutadiene	ND	0.0540		1.00	µg/L	1	12/04/24 16:58	
Isopropylbenzene	ND	0.0390		1.00	µg/L	1	12/04/24 16:58	
m,p-Xylene	ND	0.0420		2.00	µg/L	1	12/04/24 16:58	A
Methyl tert-butyl ether	ND	0.0370		1.00	µg/L	1	12/04/24 16:58	A
Methylene chloride	ND	0.507		50.0	µg/L	1	12/04/24 16:58	A
Naphthalene	ND	0.104		1.00	µg/L	1	12/04/24 16:58	A
n-Butylbenzene	ND	0.0550		1.00	µg/L	1	12/04/24 16:58	A
n-Propylbenzene	ND	0.0320		1.00	µg/L	1	12/04/24 16:58	A
o-Xylene	ND	0.0420		1.00	µg/L	1	12/04/24 16:58	A
sec-Butylbenzene	ND	0.0270		1.00	µg/L	1	12/04/24 16:58	
Styrene	ND	0.0470		1.00	µg/L	1	12/04/24 16:58	A
tert-Butylbenzene	ND	0.0350		1.00	µg/L	1	12/04/24 16:58	A
Tetrachloroethene	ND	0.0580		1.00	µg/L	1	12/04/24 16:58	A
Toluene	ND	0.0300		1.00	µg/L	1	12/04/24 16:58	A
trans-1,2-Dichloroethene	ND	0.0380		1.00	µg/L	1	12/04/24 16:58	A
trans-1,3-Dichloropropene	ND	0.0530		1.00	µg/L	1	12/04/24 16:58	A
Trichloroethene	ND	0.0470		1.00	µg/L	1	12/04/24 16:58	A
Trichlorofluoromethane	ND	0.122		1.00	µg/L	1	12/04/24 16:58	A
Vinyl chloride	ND	0.0760		1.00	µg/L	1	12/04/24 16:58	A
Surr: 1,2-Dichloroethane-d4	75.5				%Rec	1	12/04/24 16:58	
Surr: 4-Bromofluorobenzene	86.6				%Rec	1	12/04/24 16:58	
Surr: Dibromofluoromethane	92.8				%Rec	1	12/04/24 16:58	
Surr: Toluene-d8	87.1				%Rec	1	12/04/24 16:58	

QUALIFIERS

H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits
R RPD outside accepted recovery limits

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Analytical Report

(Consolidated-ORELAP)
WO#: **2412018**
Date Reported: **12/10/2024**

CLIENT: Blaes Environmental **Collection Date:** 12/3/2024 11:00:00 AM
Project: Circle K #2709633 / 219-9633-03
Lab ID: 2412018-002 **Matrix:** WATER
Client Sample ID MW-5

Analyses	Result	MDL	Qual	PQL	Units	DF	Date Analyze	ORELAP Status
NWTPH-DX - RBC				**NWTPH-DX**		**SW 3510C**	Analyst: **MB**	
Diesel Range Organics	2.08	0.0609		0.0761	mg/L	1	12/07/24 0:26	
Oil Range Organics	ND	0.0533		0.190	mg/L	1	12/07/24 0:26	
Surr: o-Terphenyl	131				%Rec	1	12/07/24 0:26	
NWTPH-GX				**NWTPH-GX**		**NWTPH-GX**	Analyst: **LB**	
Gasoline Range Organics	209	4.55		100	µg/L	1	12/03/24 19:56	
Surr: 4-Bromofluorobenzene	123				%Rec	1	12/03/24 19:56	
VOLATILE ORGANICS BY GC/MS				**SW8260D**		**SW 5030B**	Analyst: **LB**	
1,1,1,2-Tetrachloroethane	ND	0.0270		1.00	µg/L	1	12/04/24 17:21	A
1,1,1-Trichloroethane	ND	0.0320		1.00	µg/L	1	12/04/24 17:21	A
1,1,2,2-Tetrachloroethane	ND	0.0390		1.00	µg/L	1	12/04/24 17:21	A
1,1,2-Trichloroethane	ND	0.0850		1.00	µg/L	1	12/04/24 17:21	A
1,1-Dichloroethane	ND	0.0250		1.00	µg/L	1	12/04/24 17:21	A
1,1-Dichloroethene	ND	0.0690		1.00	µg/L	1	12/04/24 17:21	A
1,1-Dichloropropene	ND	0.0360		1.00	µg/L	1	12/04/24 17:21	A
1,2,3-Trichlorobenzene	ND	0.192		1.00	µg/L	1	12/04/24 17:21	A
1,2,3-Trichloropropane	ND	0.0390		1.00	µg/L	1	12/04/24 17:21	A
1,2,4-Trichlorobenzene	ND	0.102		1.00	µg/L	1	12/04/24 17:21	
1,2,4-Trimethylbenzene	ND	0.0230		1.00	µg/L	1	12/04/24 17:21	A
1,2-Dibromo-3-chloropropane	ND	0.0560		1.00	µg/L	1	12/04/24 17:21	A
1,2-Dibromoethane	ND	0.0340		1.00	µg/L	1	12/04/24 17:21	A
1,2-Dichlorobenzene	ND	0.0360		1.00	µg/L	1	12/04/24 17:21	A
1,2-Dichloroethane	ND	0.0250		1.00	µg/L	1	12/04/24 17:21	A
1,2-Dichloropropane	ND	0.0420		1.00	µg/L	1	12/04/24 17:21	A
1,3,5-Trimethylbenzene	ND	0.0390		1.00	µg/L	1	12/04/24 17:21	A
1,3-Dichlorobenzene	ND	0.0530		1.00	µg/L	1	12/04/24 17:21	A

QUALIFIERS

H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits
R RPD outside accepted recovery limits

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Analytical Report

(Consolidated-ORELAP)
WO#: **2412018**
Date Reported: **12/10/2024**

CLIENT: Blaes Environmental **Collection Date:** 12/3/2024 11:00:00 AM
Project: Circle K #2709633 / 219-9633-03
Lab ID: 2412018-002 **Matrix:** WATER
Client Sample ID MW-5

Analyses	Result	MDL	Qual	PQL	Units	DF	Date Analyze	ORELAP Status
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **LB**		
1,3-Dichloropropane	ND	0.0530		1.00	µg/L	1	12/04/24 17:21	A
1,4-Dichlorobenzene	ND	0.0760		1.00	µg/L	1	12/04/24 17:21	A
2,2-Dichloropropane	ND	0.320		1.00	µg/L	1	12/04/24 17:21	A
2-Butanone	ND	0.874		10.0	µg/L	1	12/04/24 17:21	A
2-Chlorotoluene	ND	0.0320		1.00	µg/L	1	12/04/24 17:21	A
2-Hexanone	ND	0.157		10.0	µg/L	1	12/04/24 17:21	A
4-Chlorotoluene	ND	0.0450		1.00	µg/L	1	12/04/24 17:21	A
4-Isopropyltoluene	ND	0.0360		1.00	µg/L	1	12/04/24 17:21	
4-Methyl-2-pentanone	ND	0.0840		10.0	µg/L	1	12/04/24 17:21	A
Acetone	ND	0.279		20.0	µg/L	1	12/04/24 17:21	A
Acrylonitrile	ND	1.68		5.00	µg/L	1	12/04/24 17:21	A
Benzene	ND	0.0390		0.300	µg/L	1	12/04/24 17:21	A
Bromobenzene	ND	0.0450		1.00	µg/L	1	12/04/24 17:21	A
Bromochloromethane	ND	0.0800		1.00	µg/L	1	12/04/24 17:21	A
Bromodichloromethane	ND	0.0600		1.00	µg/L	1	12/04/24 17:21	A
Bromoform	ND	0.0450		1.00	µg/L	1	12/04/24 17:21	A
Bromomethane	ND	0.0480		1.00	µg/L	1	12/04/24 17:21	A
Carbon disulfide	ND	0.0610		2.00	µg/L	1	12/04/24 17:21	A
Carbon tetrachloride	ND	0.0320		1.00	µg/L	1	12/04/24 17:21	A
Chlorobenzene	ND	0.0300		1.00	µg/L	1	12/04/24 17:21	A
Chloroethane	ND	0.123		1.00	µg/L	1	12/04/24 17:21	
Chloroform	ND	0.0510		1.00	µg/L	1	12/04/24 17:21	A
Chloromethane	ND	0.101		1.00	µg/L	1	12/04/24 17:21	A
cis-1,2-Dichloroethene	ND	0.0450		1.00	µg/L	1	12/04/24 17:21	A
cis-1,3-Dichloropropene	ND	0.0310		1.00	µg/L	1	12/04/24 17:21	A
Dibromochloromethane	ND	0.0320		1.00	µg/L	1	12/04/24 17:21	
Dibromomethane	ND	0.0560		1.00	µg/L	1	12/04/24 17:21	A
Dichlorodifluoromethane	ND	0.0530		1.00	µg/L	1	12/04/24 17:21	A
Ethylbenzene	ND	0.112		1.00	µg/L	1	12/04/24 17:21	A

QUALIFIERS

H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits
R RPD outside accepted recovery limits

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Analytical Report

(Consolidated-ORELAP)
WO#: **2412018**
Date Reported: **12/10/2024**

CLIENT: Blaes Environmental **Collection Date:** 12/3/2024 11:00:00 AM
Project: Circle K #2709633 / 219-9633-03
Lab ID: 2412018-002 **Matrix:** WATER
Client Sample ID MW-5

Analyses	Result	MDL	Qual	PQL	Units	DF	Date Analyze	ORELAP Status
VOLATILE ORGANICS BY GC/MS					**SW8260D**	**SW 5030B**	Analyst: **LB**	
Freon-113	ND	0.0730		1.00	µg/L	1	12/04/24 17:21	A
Hexachlorobutadiene	ND	0.0540		1.00	µg/L	1	12/04/24 17:21	
Isopropylbenzene	ND	0.0390		1.00	µg/L	1	12/04/24 17:21	
m,p-Xylene	ND	0.0420		2.00	µg/L	1	12/04/24 17:21	A
Methyl tert-butyl ether	ND	0.0370		1.00	µg/L	1	12/04/24 17:21	A
Methylene chloride	ND	0.507		50.0	µg/L	1	12/04/24 17:21	A
Naphthalene	ND	0.104		1.00	µg/L	1	12/04/24 17:21	A
n-Butylbenzene	ND	0.0550		1.00	µg/L	1	12/04/24 17:21	A
n-Propylbenzene	ND	0.0320		1.00	µg/L	1	12/04/24 17:21	A
o-Xylene	ND	0.0420		1.00	µg/L	1	12/04/24 17:21	A
sec-Butylbenzene	1.89	0.0270		1.00	µg/L	1	12/04/24 17:21	
Styrene	ND	0.0470		1.00	µg/L	1	12/04/24 17:21	A
tert-Butylbenzene	ND	0.0350		1.00	µg/L	1	12/04/24 17:21	A
Tetrachloroethene	ND	0.0580		1.00	µg/L	1	12/04/24 17:21	A
Toluene	ND	0.0300		1.00	µg/L	1	12/04/24 17:21	A
trans-1,2-Dichloroethene	ND	0.0380		1.00	µg/L	1	12/04/24 17:21	A
trans-1,3-Dichloropropene	ND	0.0530		1.00	µg/L	1	12/04/24 17:21	A
Trichloroethene	ND	0.0470		1.00	µg/L	1	12/04/24 17:21	A
Trichlorofluoromethane	ND	0.122		1.00	µg/L	1	12/04/24 17:21	A
Vinyl chloride	ND	0.0760		1.00	µg/L	1	12/04/24 17:21	A
Surr: 1,2-Dichloroethane-d4	79.4				%Rec	1	12/04/24 17:21	
Surr: 4-Bromofluorobenzene	89.5				%Rec	1	12/04/24 17:21	
Surr: Dibromofluoromethane	94.3				%Rec	1	12/04/24 17:21	
Surr: Toluene-d8	89.0				%Rec	1	12/04/24 17:21	

QUALIFIERS

H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits
R RPD outside accepted recovery limits

NELAP

ORELAP A Accredited A

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Website: www.specialtyanalytical.com

Analytical Report

(Consolidated-ORELAP)
WO#: **2412018**
Date Reported: **12/10/2024**

CLIENT: Blaes Environmental **Collection Date:** 12/3/2024 12:03:00 PM
Project: Circle K #2709633 / 219-9633-03
Lab ID: 2412018-003 **Matrix:** WATER
Client Sample ID MW-8

Analyses	Result	MDL	Qual	PQL	Units	DF	Date Analyze	ORELAP Status
NWTPH-DX - RBC				**NWTPH-DX**		**SW 3510C**	Analyst: **MB**	
Diesel Range Organics	0.391	0.0608		0.0760	mg/L	1	12/07/24 0:51	
Oil Range Organics	ND	0.0532		0.190	mg/L	1	12/07/24 0:51	
Surr: o-Terphenyl	130				%Rec	1	12/07/24 0:51	
NWTPH-GX				**NWTPH-GX**		**NWTPH-GX**	Analyst: **LB**	
Gasoline Range Organics	ND	4.55		100	µg/L	1	12/03/24 20:17	
Surr: 4-Bromofluorobenzene	119				%Rec	1	12/03/24 20:17	
VOLATILE ORGANICS BY GC/MS				**SW8260D**		**SW 5030B**	Analyst: **LB**	
1,1,1,2-Tetrachloroethane	ND	0.0270		1.00	µg/L	1	12/04/24 17:43	A
1,1,1-Trichloroethane	ND	0.0320		1.00	µg/L	1	12/04/24 17:43	A
1,1,2,2-Tetrachloroethane	ND	0.0390		1.00	µg/L	1	12/04/24 17:43	A
1,1,2-Trichloroethane	ND	0.0850		1.00	µg/L	1	12/04/24 17:43	A
1,1-Dichloroethane	ND	0.0250		1.00	µg/L	1	12/04/24 17:43	A
1,1-Dichloroethene	ND	0.0690		1.00	µg/L	1	12/04/24 17:43	A
1,1-Dichloropropene	ND	0.0360		1.00	µg/L	1	12/04/24 17:43	A
1,2,3-Trichlorobenzene	ND	0.192		1.00	µg/L	1	12/04/24 17:43	A
1,2,3-Trichloropropane	ND	0.0390		1.00	µg/L	1	12/04/24 17:43	A
1,2,4-Trichlorobenzene	ND	0.102		1.00	µg/L	1	12/04/24 17:43	
1,2,4-Trimethylbenzene	ND	0.0230		1.00	µg/L	1	12/04/24 17:43	A
1,2-Dibromo-3-chloropropane	ND	0.0560		1.00	µg/L	1	12/04/24 17:43	A
1,2-Dibromoethane	ND	0.0340		1.00	µg/L	1	12/04/24 17:43	A
1,2-Dichlorobenzene	ND	0.0360		1.00	µg/L	1	12/04/24 17:43	A
1,2-Dichloroethane	ND	0.0250		1.00	µg/L	1	12/04/24 17:43	A
1,2-Dichloropropane	ND	0.0420		1.00	µg/L	1	12/04/24 17:43	A
1,3,5-Trimethylbenzene	ND	0.0390		1.00	µg/L	1	12/04/24 17:43	A
1,3-Dichlorobenzene	ND	0.0530		1.00	µg/L	1	12/04/24 17:43	A

QUALIFIERS

H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits
R RPD outside accepted recovery limits

NELAP

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9011 SE Jannsen Rd
Clackamas, OR 97015
TEL: (503) 607-1331
Website: www.specialtyanalytical.com

Analytical Report

(Consolidated-ORELAP)
WO#: **2412018**
Date Reported: **12/10/2024**

CLIENT: Blaes Environmental **Collection Date:** 12/3/2024 12:03:00 PM
Project: Circle K #2709633 / 219-9633-03
Lab ID: 2412018-003 **Matrix:** WATER
Client Sample ID MW-8

Analyses	Result	MDL	Qual	PQL	Units	DF	Date Analyze	ORELAP Status
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **LB**		
1,3-Dichloropropane	ND	0.0530		1.00	µg/L	1	12/04/24 17:43	A
1,4-Dichlorobenzene	ND	0.0760		1.00	µg/L	1	12/04/24 17:43	A
2,2-Dichloropropane	ND	0.320		1.00	µg/L	1	12/04/24 17:43	A
2-Butanone	ND	0.874		10.0	µg/L	1	12/04/24 17:43	A
2-Chlorotoluene	ND	0.0320		1.00	µg/L	1	12/04/24 17:43	A
2-Hexanone	ND	0.157		10.0	µg/L	1	12/04/24 17:43	A
4-Chlorotoluene	ND	0.0450		1.00	µg/L	1	12/04/24 17:43	A
4-Isopropyltoluene	ND	0.0360		1.00	µg/L	1	12/04/24 17:43	
4-Methyl-2-pentanone	ND	0.0840		10.0	µg/L	1	12/04/24 17:43	A
Acetone	ND	0.279		20.0	µg/L	1	12/04/24 17:43	A
Acrylonitrile	ND	1.68		5.00	µg/L	1	12/04/24 17:43	A
Benzene	ND	0.0390		0.300	µg/L	1	12/04/24 17:43	A
Bromobenzene	ND	0.0450		1.00	µg/L	1	12/04/24 17:43	A
Bromochloromethane	ND	0.0800		1.00	µg/L	1	12/04/24 17:43	A
Bromodichloromethane	ND	0.0600		1.00	µg/L	1	12/04/24 17:43	A
Bromoform	ND	0.0450		1.00	µg/L	1	12/04/24 17:43	A
Bromomethane	ND	0.0480		1.00	µg/L	1	12/04/24 17:43	A
Carbon disulfide	ND	0.0610		2.00	µg/L	1	12/04/24 17:43	A
Carbon tetrachloride	ND	0.0320		1.00	µg/L	1	12/04/24 17:43	A
Chlorobenzene	ND	0.0300		1.00	µg/L	1	12/04/24 17:43	A
Chloroethane	ND	0.123		1.00	µg/L	1	12/04/24 17:43	
Chloroform	ND	0.0510		1.00	µg/L	1	12/04/24 17:43	A
Chloromethane	ND	0.101		1.00	µg/L	1	12/04/24 17:43	A
cis-1,2-Dichloroethene	ND	0.0450		1.00	µg/L	1	12/04/24 17:43	A
cis-1,3-Dichloropropene	ND	0.0310		1.00	µg/L	1	12/04/24 17:43	A
Dibromochloromethane	ND	0.0320		1.00	µg/L	1	12/04/24 17:43	
Dibromomethane	ND	0.0560		1.00	µg/L	1	12/04/24 17:43	A
Dichlorodifluoromethane	ND	0.0530		1.00	µg/L	1	12/04/24 17:43	A
Ethylbenzene	ND	0.112		1.00	µg/L	1	12/04/24 17:43	A

QUALIFIERS

H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits
R RPD outside accepted recovery limits

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Analytical Report

(Consolidated-ORELAP)
WO#: **2412018**
Date Reported: **12/10/2024**

CLIENT: Blaes Environmental **Collection Date:** 12/3/2024 12:03:00 PM
Project: Circle K #2709633 / 219-9633-03
Lab ID: 2412018-003 **Matrix:** WATER
Client Sample ID MW-8

Analyses	Result	MDL	Qual	PQL	Units	DF	Date Analyze	ORELAP Status
VOLATILE ORGANICS BY GC/MS					**SW8260D**	**SW 5030B**	Analyst: **LB**	
Freon-113	ND	0.0730		1.00	µg/L	1	12/04/24 17:43	A
Hexachlorobutadiene	ND	0.0540		1.00	µg/L	1	12/04/24 17:43	
Isopropylbenzene	ND	0.0390		1.00	µg/L	1	12/04/24 17:43	
m,p-Xylene	ND	0.0420		2.00	µg/L	1	12/04/24 17:43	A
Methyl tert-butyl ether	ND	0.0370		1.00	µg/L	1	12/04/24 17:43	A
Methylene chloride	ND	0.507		50.0	µg/L	1	12/04/24 17:43	A
Naphthalene	ND	0.104		1.00	µg/L	1	12/04/24 17:43	A
n-Butylbenzene	ND	0.0550		1.00	µg/L	1	12/04/24 17:43	A
n-Propylbenzene	ND	0.0320		1.00	µg/L	1	12/04/24 17:43	A
o-Xylene	ND	0.0420		1.00	µg/L	1	12/04/24 17:43	A
sec-Butylbenzene	ND	0.0270		1.00	µg/L	1	12/04/24 17:43	
Styrene	ND	0.0470		1.00	µg/L	1	12/04/24 17:43	A
tert-Butylbenzene	ND	0.0350		1.00	µg/L	1	12/04/24 17:43	A
Tetrachloroethene	ND	0.0580		1.00	µg/L	1	12/04/24 17:43	A
Toluene	ND	0.0300		1.00	µg/L	1	12/04/24 17:43	A
trans-1,2-Dichloroethene	ND	0.0380		1.00	µg/L	1	12/04/24 17:43	A
trans-1,3-Dichloropropene	ND	0.0530		1.00	µg/L	1	12/04/24 17:43	A
Trichloroethene	ND	0.0470		1.00	µg/L	1	12/04/24 17:43	A
Trichlorofluoromethane	ND	0.122		1.00	µg/L	1	12/04/24 17:43	A
Vinyl chloride	ND	0.0760		1.00	µg/L	1	12/04/24 17:43	A
Surr: 1,2-Dichloroethane-d4	78.9				%Rec	1	12/04/24 17:43	
Surr: 4-Bromofluorobenzene	90.3				%Rec	1	12/04/24 17:43	
Surr: Dibromofluoromethane	94.5				%Rec	1	12/04/24 17:43	
Surr: Toluene-d8	90.6				%Rec	1	12/04/24 17:43	

QUALIFIERS

H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits
R RPD outside accepted recovery limits

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Analytical Report

(Consolidated-ORELAP)
WO#: **2412018**
Date Reported: **12/10/2024**

CLIENT: Blaes Environmental **Collection Date:** 12/3/2024 10:31:00 AM
Project: Circle K #2709633 / 219-9633-03
Lab ID: 2412018-004 **Matrix:** WATER
Client Sample ID MW-9

Analyses	Result	MDL	Qual	PQL	Units	DF	Date Analyze	ORELAP Status
NWTPH-DX - RBC				**NWTPH-DX**		**SW 3510C**	Analyst: **MB**	
Diesel Range Organics	ND	0.0608		0.0761	mg/L	1	12/07/24 1:42	
Oil Range Organics	ND	0.0532		0.190	mg/L	1	12/07/24 1:42	
Surr: o-Terphenyl	69.4				%Rec	1	12/07/24 1:42	
NWTPH-GX				**NWTPH-GX**		**NWTPH-GX**	Analyst: **LB**	
Gasoline Range Organics	ND	4.55		100	µg/L	1	12/03/24 20:39	
Surr: 4-Bromofluorobenzene	114				%Rec	1	12/03/24 20:39	
VOLATILE ORGANICS BY GC/MS				**SW8260D**		**SW 5030B**	Analyst: **LB**	
1,1,1,2-Tetrachloroethane	ND	0.0270		1.00	µg/L	1	12/04/24 18:06	A
1,1,1-Trichloroethane	ND	0.0320		1.00	µg/L	1	12/04/24 18:06	A
1,1,2,2-Tetrachloroethane	ND	0.0390		1.00	µg/L	1	12/04/24 18:06	A
1,1,2-Trichloroethane	ND	0.0850		1.00	µg/L	1	12/04/24 18:06	A
1,1-Dichloroethane	ND	0.0250		1.00	µg/L	1	12/04/24 18:06	A
1,1-Dichloroethene	ND	0.0690		1.00	µg/L	1	12/04/24 18:06	A
1,1-Dichloropropene	ND	0.0360		1.00	µg/L	1	12/04/24 18:06	A
1,2,3-Trichlorobenzene	ND	0.192		1.00	µg/L	1	12/04/24 18:06	A
1,2,3-Trichloropropane	ND	0.0390		1.00	µg/L	1	12/04/24 18:06	A
1,2,4-Trichlorobenzene	ND	0.102		1.00	µg/L	1	12/04/24 18:06	
1,2,4-Trimethylbenzene	ND	0.0230		1.00	µg/L	1	12/04/24 18:06	A
1,2-Dibromo-3-chloropropane	ND	0.0560		1.00	µg/L	1	12/04/24 18:06	A
1,2-Dibromoethane	ND	0.0340		1.00	µg/L	1	12/04/24 18:06	A
1,2-Dichlorobenzene	ND	0.0360		1.00	µg/L	1	12/04/24 18:06	A
1,2-Dichloroethane	ND	0.0250		1.00	µg/L	1	12/04/24 18:06	A
1,2-Dichloropropane	ND	0.0420		1.00	µg/L	1	12/04/24 18:06	A
1,3,5-Trimethylbenzene	ND	0.0390		1.00	µg/L	1	12/04/24 18:06	A
1,3-Dichlorobenzene	ND	0.0530		1.00	µg/L	1	12/04/24 18:06	A

QUALIFIERS

H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits
R RPD outside accepted recovery limits

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Analytical Report

(Consolidated-ORELAP)
WO#: **2412018**
Date Reported: **12/10/2024**

CLIENT: Blaes Environmental **Collection Date:** 12/3/2024 10:31:00 AM
Project: Circle K #2709633 / 219-9633-03
Lab ID: 2412018-004 **Matrix:** WATER
Client Sample ID MW-9

Analyses	Result	MDL	Qual	PQL	Units	DF	Date Analyze	ORELAP Status
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **LB**		
1,3-Dichloropropane	ND	0.0530		1.00	µg/L	1	12/04/24 18:06	A
1,4-Dichlorobenzene	ND	0.0760		1.00	µg/L	1	12/04/24 18:06	A
2,2-Dichloropropane	ND	0.320		1.00	µg/L	1	12/04/24 18:06	A
2-Butanone	ND	0.874		10.0	µg/L	1	12/04/24 18:06	A
2-Chlorotoluene	ND	0.0320		1.00	µg/L	1	12/04/24 18:06	A
2-Hexanone	ND	0.157		10.0	µg/L	1	12/04/24 18:06	A
4-Chlorotoluene	ND	0.0450		1.00	µg/L	1	12/04/24 18:06	A
4-Isopropyltoluene	ND	0.0360		1.00	µg/L	1	12/04/24 18:06	
4-Methyl-2-pentanone	ND	0.0840		10.0	µg/L	1	12/04/24 18:06	A
Acetone	ND	0.279		20.0	µg/L	1	12/04/24 18:06	A
Acrylonitrile	ND	1.68		5.00	µg/L	1	12/04/24 18:06	A
Benzene	ND	0.0390		0.300	µg/L	1	12/04/24 18:06	A
Bromobenzene	ND	0.0450		1.00	µg/L	1	12/04/24 18:06	A
Bromochloromethane	ND	0.0800		1.00	µg/L	1	12/04/24 18:06	A
Bromodichloromethane	ND	0.0600		1.00	µg/L	1	12/04/24 18:06	A
Bromoform	ND	0.0450		1.00	µg/L	1	12/04/24 18:06	A
Bromomethane	ND	0.0480		1.00	µg/L	1	12/04/24 18:06	A
Carbon disulfide	ND	0.0610		2.00	µg/L	1	12/04/24 18:06	A
Carbon tetrachloride	ND	0.0320		1.00	µg/L	1	12/04/24 18:06	A
Chlorobenzene	ND	0.0300		1.00	µg/L	1	12/04/24 18:06	A
Chloroethane	ND	0.123		1.00	µg/L	1	12/04/24 18:06	
Chloroform	ND	0.0510		1.00	µg/L	1	12/04/24 18:06	A
Chloromethane	ND	0.101		1.00	µg/L	1	12/04/24 18:06	A
cis-1,2-Dichloroethene	ND	0.0450		1.00	µg/L	1	12/04/24 18:06	A
cis-1,3-Dichloropropene	ND	0.0310		1.00	µg/L	1	12/04/24 18:06	A
Dibromochloromethane	ND	0.0320		1.00	µg/L	1	12/04/24 18:06	
Dibromomethane	ND	0.0560		1.00	µg/L	1	12/04/24 18:06	A
Dichlorodifluoromethane	ND	0.0530		1.00	µg/L	1	12/04/24 18:06	A
Ethylbenzene	ND	0.112		1.00	µg/L	1	12/04/24 18:06	A

QUALIFIERS

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

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Analytical Report

(Consolidated-ORELAP)
WO#: **2412018**
Date Reported: **12/10/2024**

CLIENT: Blaes Environmental **Collection Date:** 12/3/2024 10:31:00 AM
Project: Circle K #2709633 / 219-9633-03
Lab ID: 2412018-004 **Matrix:** WATER
Client Sample ID MW-9

Analyses	Result	MDL	Qual	PQL	Units	DF	Date Analyze	ORELAP Status
VOLATILE ORGANICS BY GC/MS					**SW8260D**	**SW 5030B**	Analyst: **LB**	
Freon-113	ND	0.0730		1.00	µg/L	1	12/04/24 18:06	A
Hexachlorobutadiene	ND	0.0540		1.00	µg/L	1	12/04/24 18:06	
Isopropylbenzene	ND	0.0390		1.00	µg/L	1	12/04/24 18:06	
m,p-Xylene	ND	0.0420		2.00	µg/L	1	12/04/24 18:06	A
Methyl tert-butyl ether	ND	0.0370		1.00	µg/L	1	12/04/24 18:06	A
Methylene chloride	ND	0.507		50.0	µg/L	1	12/04/24 18:06	A
Naphthalene	ND	0.104		1.00	µg/L	1	12/04/24 18:06	A
n-Butylbenzene	ND	0.0550		1.00	µg/L	1	12/04/24 18:06	A
n-Propylbenzene	ND	0.0320		1.00	µg/L	1	12/04/24 18:06	A
o-Xylene	ND	0.0420		1.00	µg/L	1	12/04/24 18:06	A
sec-Butylbenzene	ND	0.0270		1.00	µg/L	1	12/04/24 18:06	
Styrene	ND	0.0470		1.00	µg/L	1	12/04/24 18:06	A
tert-Butylbenzene	ND	0.0350		1.00	µg/L	1	12/04/24 18:06	A
Tetrachloroethene	ND	0.0580		1.00	µg/L	1	12/04/24 18:06	A
Toluene	ND	0.0300		1.00	µg/L	1	12/04/24 18:06	A
trans-1,2-Dichloroethene	ND	0.0380		1.00	µg/L	1	12/04/24 18:06	A
trans-1,3-Dichloropropene	ND	0.0530		1.00	µg/L	1	12/04/24 18:06	A
Trichloroethene	ND	0.0470		1.00	µg/L	1	12/04/24 18:06	A
Trichlorofluoromethane	ND	0.122		1.00	µg/L	1	12/04/24 18:06	A
Vinyl chloride	ND	0.0760		1.00	µg/L	1	12/04/24 18:06	A
Surr: 1,2-Dichloroethane-d4	81.8				%Rec	1	12/04/24 18:06	
Surr: 4-Bromofluorobenzene	90.6				%Rec	1	12/04/24 18:06	
Surr: Dibromofluoromethane	95.8				%Rec	1	12/04/24 18:06	
Surr: Toluene-d8	93.0				%Rec	1	12/04/24 18:06	

QUALIFIERS

H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits
R RPD outside accepted recovery limits

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Analytical Report

(Consolidated-ORELAP)
WO#: **2412018**
Date Reported: **12/10/2024**

CLIENT: Blaes Environmental **Collection Date:** 12/3/2024 9:29:00 AM
Project: Circle K #2709633 / 219-9633-03
Lab ID: 2412018-005 **Matrix:** WATER
Client Sample ID MW-10

Analyses	Result	MDL	Qual	PQL	Units	DF	Date Analyze	ORELAP Status
NWTPH-DX - RBC					**NWTPH-DX**	**SW 3510C**	Analyst: **MB**	
Diesel Range Organics	ND	0.0617		0.0771	mg/L	1	12/07/24 2:07	
Oil Range Organics	ND	0.0540		0.193	mg/L	1	12/07/24 2:07	
Surr: o-Terphenyl	63.2				%Rec	1	12/07/24 2:07	
NWTPH-GX					**NWTPH-GX**	**NWTPH-GX**	Analyst: **LB**	
Gasoline Range Organics	ND	4.55		100	µg/L	1	12/03/24 21:00	
Surr: 4-Bromofluorobenzene	118				%Rec	1	12/03/24 21:00	
VOLATILE ORGANICS BY GC/MS					**SW8260D**	**SW 5030B**	Analyst: **LB**	
1,1,1,2-Tetrachloroethane	ND	0.0270		1.00	µg/L	1	12/04/24 18:28	A
1,1,1-Trichloroethane	ND	0.0320		1.00	µg/L	1	12/04/24 18:28	A
1,1,2,2-Tetrachloroethane	ND	0.0390		1.00	µg/L	1	12/04/24 18:28	A
1,1,2-Trichloroethane	ND	0.0850		1.00	µg/L	1	12/04/24 18:28	A
1,1-Dichloroethane	ND	0.0250		1.00	µg/L	1	12/04/24 18:28	A
1,1-Dichloroethene	ND	0.0690		1.00	µg/L	1	12/04/24 18:28	A
1,1-Dichloropropene	ND	0.0360		1.00	µg/L	1	12/04/24 18:28	A
1,2,3-Trichlorobenzene	ND	0.192		1.00	µg/L	1	12/04/24 18:28	A
1,2,3-Trichloropropane	ND	0.0390		1.00	µg/L	1	12/04/24 18:28	A
1,2,4-Trichlorobenzene	ND	0.102		1.00	µg/L	1	12/04/24 18:28	
1,2,4-Trimethylbenzene	ND	0.0230		1.00	µg/L	1	12/04/24 18:28	A
1,2-Dibromo-3-chloropropane	ND	0.0560		1.00	µg/L	1	12/04/24 18:28	A
1,2-Dibromoethane	ND	0.0340		1.00	µg/L	1	12/04/24 18:28	A
1,2-Dichlorobenzene	ND	0.0360		1.00	µg/L	1	12/04/24 18:28	A
1,2-Dichloroethane	ND	0.0250		1.00	µg/L	1	12/04/24 18:28	A
1,2-Dichloropropane	ND	0.0420		1.00	µg/L	1	12/04/24 18:28	A
1,3,5-Trimethylbenzene	ND	0.0390		1.00	µg/L	1	12/04/24 18:28	A
1,3-Dichlorobenzene	ND	0.0530		1.00	µg/L	1	12/04/24 18:28	A

QUALIFIERS

H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits
R RPD outside accepted recovery limits

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Analytical Report

(Consolidated-ORELAP)
WO#: **2412018**
Date Reported: **12/10/2024**

CLIENT: Blaes Environmental **Collection Date:** 12/3/2024 9:29:00 AM
Project: Circle K #2709633 / 219-9633-03
Lab ID: 2412018-005 **Matrix:** WATER
Client Sample ID MW-10

Analyses	Result	MDL	Qual	PQL	Units	DF	Date Analyze	ORELAP Status
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **LB**		
1,3-Dichloropropane	ND	0.0530		1.00	µg/L	1	12/04/24 18:28	A
1,4-Dichlorobenzene	ND	0.0760		1.00	µg/L	1	12/04/24 18:28	A
2,2-Dichloropropane	ND	0.320		1.00	µg/L	1	12/04/24 18:28	A
2-Butanone	ND	0.874		10.0	µg/L	1	12/04/24 18:28	A
2-Chlorotoluene	ND	0.0320		1.00	µg/L	1	12/04/24 18:28	A
2-Hexanone	ND	0.157		10.0	µg/L	1	12/04/24 18:28	A
4-Chlorotoluene	ND	0.0450		1.00	µg/L	1	12/04/24 18:28	A
4-Isopropyltoluene	ND	0.0360		1.00	µg/L	1	12/04/24 18:28	
4-Methyl-2-pentanone	ND	0.0840		10.0	µg/L	1	12/04/24 18:28	A
Acetone	ND	0.279		20.0	µg/L	1	12/04/24 18:28	A
Acrylonitrile	ND	1.68		5.00	µg/L	1	12/04/24 18:28	A
Benzene	ND	0.0390		0.300	µg/L	1	12/04/24 18:28	A
Bromobenzene	ND	0.0450		1.00	µg/L	1	12/04/24 18:28	A
Bromochloromethane	ND	0.0800		1.00	µg/L	1	12/04/24 18:28	A
Bromodichloromethane	ND	0.0600		1.00	µg/L	1	12/04/24 18:28	A
Bromoform	ND	0.0450		1.00	µg/L	1	12/04/24 18:28	A
Bromomethane	ND	0.0480		1.00	µg/L	1	12/04/24 18:28	A
Carbon disulfide	ND	0.0610		2.00	µg/L	1	12/04/24 18:28	A
Carbon tetrachloride	ND	0.0320		1.00	µg/L	1	12/04/24 18:28	A
Chlorobenzene	ND	0.0300		1.00	µg/L	1	12/04/24 18:28	A
Chloroethane	ND	0.123		1.00	µg/L	1	12/04/24 18:28	
Chloroform	ND	0.0510		1.00	µg/L	1	12/04/24 18:28	A
Chloromethane	ND	0.101		1.00	µg/L	1	12/04/24 18:28	A
cis-1,2-Dichloroethene	ND	0.0450		1.00	µg/L	1	12/04/24 18:28	A
cis-1,3-Dichloropropene	ND	0.0310		1.00	µg/L	1	12/04/24 18:28	A
Dibromochloromethane	ND	0.0320		1.00	µg/L	1	12/04/24 18:28	
Dibromomethane	ND	0.0560		1.00	µg/L	1	12/04/24 18:28	A
Dichlorodifluoromethane	ND	0.0530		1.00	µg/L	1	12/04/24 18:28	A
Ethylbenzene	ND	0.112		1.00	µg/L	1	12/04/24 18:28	A

QUALIFIERS

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

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Analytical Report

(Consolidated-ORELAP)
WO#: **2412018**
Date Reported: **12/10/2024**

CLIENT: Blaes Environmental **Collection Date:** 12/3/2024 9:29:00 AM
Project: Circle K #2709633 / 219-9633-03
Lab ID: 2412018-005 **Matrix:** WATER
Client Sample ID MW-10

Analyses	Result	MDL	Qual	PQL	Units	DF	Date Analyze	ORELAP Status
VOLATILE ORGANICS BY GC/MS					**SW8260D**	**SW 5030B**	Analyst: **LB**	
Freon-113	ND	0.0730		1.00	µg/L	1	12/04/24 18:28	A
Hexachlorobutadiene	ND	0.0540		1.00	µg/L	1	12/04/24 18:28	
Isopropylbenzene	ND	0.0390		1.00	µg/L	1	12/04/24 18:28	
m,p-Xylene	ND	0.0420		2.00	µg/L	1	12/04/24 18:28	A
Methyl tert-butyl ether	ND	0.0370		1.00	µg/L	1	12/04/24 18:28	A
Methylene chloride	ND	0.507		50.0	µg/L	1	12/04/24 18:28	A
Naphthalene	ND	0.104		1.00	µg/L	1	12/04/24 18:28	A
n-Butylbenzene	ND	0.0550		1.00	µg/L	1	12/04/24 18:28	A
n-Propylbenzene	ND	0.0320		1.00	µg/L	1	12/04/24 18:28	A
o-Xylene	ND	0.0420		1.00	µg/L	1	12/04/24 18:28	A
sec-Butylbenzene	ND	0.0270		1.00	µg/L	1	12/04/24 18:28	
Styrene	ND	0.0470		1.00	µg/L	1	12/04/24 18:28	A
tert-Butylbenzene	ND	0.0350		1.00	µg/L	1	12/04/24 18:28	A
Tetrachloroethene	ND	0.0580		1.00	µg/L	1	12/04/24 18:28	A
Toluene	ND	0.0300		1.00	µg/L	1	12/04/24 18:28	A
trans-1,2-Dichloroethene	ND	0.0380		1.00	µg/L	1	12/04/24 18:28	A
trans-1,3-Dichloropropene	ND	0.0530		1.00	µg/L	1	12/04/24 18:28	A
Trichloroethene	ND	0.0470		1.00	µg/L	1	12/04/24 18:28	A
Trichlorofluoromethane	ND	0.122		1.00	µg/L	1	12/04/24 18:28	A
Vinyl chloride	ND	0.0760		1.00	µg/L	1	12/04/24 18:28	A
Surr: 1,2-Dichloroethane-d4	85.8				%Rec	1	12/04/24 18:28	
Surr: 4-Bromofluorobenzene	91.2				%Rec	1	12/04/24 18:28	
Surr: Dibromofluoromethane	96.4				%Rec	1	12/04/24 18:28	
Surr: Toluene-d8	94.9				%Rec	1	12/04/24 18:28	

QUALIFIERS

H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits
R RPD outside accepted recovery limits

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Analytical Report

(Consolidated-ORELAP)
WO#: **2412018**
Date Reported: **12/10/2024**

CLIENT: Blaes Environmental **Collection Date:** 12/3/2024 9:57:00 AM
Project: Circle K #2709633 / 219-9633-03
Lab ID: 2412018-006 **Matrix:** WATER
Client Sample ID MW-11

Analyses	Result	MDL	Qual	PQL	Units	DF	Date Analyze	ORELAP Status
NWTPH-DX - RBC					**NWTPH-DX**	**SW 3510C**	Analyst: **MB**	
Diesel Range Organics	ND	0.0611		0.0764	mg/L	1	12/07/24 2:32	
Oil Range Organics	ND	0.0535		0.191	mg/L	1	12/07/24 2:32	
Surr: o-Terphenyl	40.0		SMI		%Rec	1	12/07/24 2:32	
NWTPH-GX					**NWTPH-GX**	**NWTPH-GX**	Analyst: **LB**	
Gasoline Range Organics	ND	4.55		100	µg/L	1	12/03/24 21:22	
Surr: 4-Bromofluorobenzene	117				%Rec	1	12/03/24 21:22	
VOLATILE ORGANICS BY GC/MS					**SW8260D**	**SW 5030B**	Analyst: **LB**	
1,1,1,2-Tetrachloroethane	ND	0.0270		1.00	µg/L	1	12/04/24 18:51	A
1,1,1-Trichloroethane	ND	0.0320		1.00	µg/L	1	12/04/24 18:51	A
1,1,2,2-Tetrachloroethane	ND	0.0390		1.00	µg/L	1	12/04/24 18:51	A
1,1,2-Trichloroethane	ND	0.0850		1.00	µg/L	1	12/04/24 18:51	A
1,1-Dichloroethane	ND	0.0250		1.00	µg/L	1	12/04/24 18:51	A
1,1-Dichloroethene	ND	0.0690		1.00	µg/L	1	12/04/24 18:51	A
1,1-Dichloropropene	ND	0.0360		1.00	µg/L	1	12/04/24 18:51	A
1,2,3-Trichlorobenzene	ND	0.192		1.00	µg/L	1	12/04/24 18:51	A
1,2,3-Trichloropropane	ND	0.0390		1.00	µg/L	1	12/04/24 18:51	A
1,2,4-Trichlorobenzene	ND	0.102		1.00	µg/L	1	12/04/24 18:51	
1,2,4-Trimethylbenzene	ND	0.0230		1.00	µg/L	1	12/04/24 18:51	A
1,2-Dibromo-3-chloropropane	ND	0.0560		1.00	µg/L	1	12/04/24 18:51	A
1,2-Dibromoethane	ND	0.0340		1.00	µg/L	1	12/04/24 18:51	A
1,2-Dichlorobenzene	ND	0.0360		1.00	µg/L	1	12/04/24 18:51	A
1,2-Dichloroethane	ND	0.0250		1.00	µg/L	1	12/04/24 18:51	A
1,2-Dichloropropane	ND	0.0420		1.00	µg/L	1	12/04/24 18:51	A
1,3,5-Trimethylbenzene	ND	0.0390		1.00	µg/L	1	12/04/24 18:51	A
1,3-Dichlorobenzene	ND	0.0530		1.00	µg/L	1	12/04/24 18:51	A

QUALIFIERS

H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits
R RPD outside accepted recovery limits

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Project: Circle K #2709633 / 219-9633-03
Lab ID: 2412018-006 **Matrix:** WATER
Client Sample ID MW-11

Analyses	Result	MDL	Qual	PQL	Units	DF	Date Analyze	ORELAP Status
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **LB**		
1,3-Dichloropropane	ND	0.0530		1.00	µg/L	1	12/04/24 18:51	A
1,4-Dichlorobenzene	ND	0.0760		1.00	µg/L	1	12/04/24 18:51	A
2,2-Dichloropropane	ND	0.320		1.00	µg/L	1	12/04/24 18:51	A
2-Butanone	ND	0.874		10.0	µg/L	1	12/04/24 18:51	A
2-Chlorotoluene	ND	0.0320		1.00	µg/L	1	12/04/24 18:51	A
2-Hexanone	ND	0.157		10.0	µg/L	1	12/04/24 18:51	A
4-Chlorotoluene	ND	0.0450		1.00	µg/L	1	12/04/24 18:51	A
4-Isopropyltoluene	ND	0.0360		1.00	µg/L	1	12/04/24 18:51	
4-Methyl-2-pentanone	ND	0.0840		10.0	µg/L	1	12/04/24 18:51	A
Acetone	ND	0.279		20.0	µg/L	1	12/04/24 18:51	A
Acrylonitrile	ND	1.68		5.00	µg/L	1	12/04/24 18:51	A
Benzene	ND	0.0390		0.300	µg/L	1	12/04/24 18:51	A
Bromobenzene	ND	0.0450		1.00	µg/L	1	12/04/24 18:51	A
Bromochloromethane	ND	0.0800		1.00	µg/L	1	12/04/24 18:51	A
Bromodichloromethane	ND	0.0600		1.00	µg/L	1	12/04/24 18:51	A
Bromoform	ND	0.0450		1.00	µg/L	1	12/04/24 18:51	A
Bromomethane	ND	0.0480		1.00	µg/L	1	12/04/24 18:51	A
Carbon disulfide	ND	0.0610		2.00	µg/L	1	12/04/24 18:51	A
Carbon tetrachloride	ND	0.0320		1.00	µg/L	1	12/04/24 18:51	A
Chlorobenzene	ND	0.0300		1.00	µg/L	1	12/04/24 18:51	A
Chloroethane	ND	0.123		1.00	µg/L	1	12/04/24 18:51	
Chloroform	ND	0.0510		1.00	µg/L	1	12/04/24 18:51	A
Chloromethane	ND	0.101		1.00	µg/L	1	12/04/24 18:51	A
cis-1,2-Dichloroethene	ND	0.0450		1.00	µg/L	1	12/04/24 18:51	A
cis-1,3-Dichloropropene	ND	0.0310		1.00	µg/L	1	12/04/24 18:51	A
Dibromochloromethane	ND	0.0320		1.00	µg/L	1	12/04/24 18:51	
Dibromomethane	ND	0.0560		1.00	µg/L	1	12/04/24 18:51	A
Dichlorodifluoromethane	ND	0.0530		1.00	µg/L	1	12/04/24 18:51	A
Ethylbenzene	ND	0.112		1.00	µg/L	1	12/04/24 18:51	A

QUALIFIERS

H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits
R RPD outside accepted recovery limits

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(Consolidated-ORELAP)
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Date Reported: **12/10/2024**

CLIENT: Blaes Environmental **Collection Date:** 12/3/2024 9:57:00 AM
Project: Circle K #2709633 / 219-9633-03
Lab ID: 2412018-006 **Matrix:** WATER
Client Sample ID MW-11

Analyses	Result	MDL	Qual	PQL	Units	DF	Date Analyze	ORELAP Status
VOLATILE ORGANICS BY GC/MS				**SW8260D**	**SW 5030B**	Analyst: **LB**		
Freon-113	ND	0.0730		1.00	µg/L	1	12/04/24 18:51	A
Hexachlorobutadiene	ND	0.0540		1.00	µg/L	1	12/04/24 18:51	
Isopropylbenzene	ND	0.0390		1.00	µg/L	1	12/04/24 18:51	
m,p-Xylene	ND	0.0420		2.00	µg/L	1	12/04/24 18:51	A
Methyl tert-butyl ether	ND	0.0370		1.00	µg/L	1	12/04/24 18:51	A
Methylene chloride	ND	0.507		50.0	µg/L	1	12/04/24 18:51	A
Naphthalene	ND	0.104		1.00	µg/L	1	12/04/24 18:51	A
n-Butylbenzene	ND	0.0550		1.00	µg/L	1	12/04/24 18:51	A
n-Propylbenzene	ND	0.0320		1.00	µg/L	1	12/04/24 18:51	A
o-Xylene	ND	0.0420		1.00	µg/L	1	12/04/24 18:51	A
sec-Butylbenzene	ND	0.0270		1.00	µg/L	1	12/04/24 18:51	
Styrene	ND	0.0470		1.00	µg/L	1	12/04/24 18:51	A
tert-Butylbenzene	ND	0.0350		1.00	µg/L	1	12/04/24 18:51	A
Tetrachloroethene	ND	0.0580		1.00	µg/L	1	12/04/24 18:51	A
Toluene	ND	0.0300		1.00	µg/L	1	12/04/24 18:51	A
trans-1,2-Dichloroethene	ND	0.0380		1.00	µg/L	1	12/04/24 18:51	A
trans-1,3-Dichloropropene	ND	0.0530		1.00	µg/L	1	12/04/24 18:51	A
Trichloroethene	ND	0.0470		1.00	µg/L	1	12/04/24 18:51	A
Trichlorofluoromethane	ND	0.122		1.00	µg/L	1	12/04/24 18:51	A
Vinyl chloride	ND	0.0760		1.00	µg/L	1	12/04/24 18:51	A
Surr: 1,2-Dichloroethane-d4	89.5				%Rec	1	12/04/24 18:51	
Surr: 4-Bromofluorobenzene	93.5				%Rec	1	12/04/24 18:51	
Surr: Dibromofluoromethane	97.4				%Rec	1	12/04/24 18:51	
Surr: Toluene-d8	95.8				%Rec	1	12/04/24 18:51	

QUALIFIERS

H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits
R RPD outside accepted recovery limits

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Accreditation Program Analytes Report

WO#: **2412018**
10-Dec-24

Client: Blaes Environmental
Project: Circle K #2709633 / 219-9633-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2412018-001B	MW-4	Aqueous	VOLATILE ORGANICS BY GC/MS	n-Propylbenzene	A
					Carbon disulfide	A
					2-Chlorotoluene	A
					Methylene chloride	A
					Naphthalene	A
					Bromomethane	A
					1,2-Dibromo-3-chloropropane	A
					1,1-Dichloroethane	A
					n-Butylbenzene	A
					1,1,2-Trichloro-1,2,2-trifluoroethane	A
					Acetone	A
					m,p-Xylene	A
					Bromoform	A
					1,1,2-Trichloroethane	A
					o-Xylene	A
					2,2-Dichloropropane	A
					Styrene	A
					1,3,5-Trimethylbenzene	A
					tert-Butylbenzene	A
					Bromodichloromethane	A
					Chloroform	A
					Dibromomethane	A
					1,2,3-Trichloropropane	A
					Chloromethane	A
					4-Chlorotoluene	A
					Bromochloromethane	A
					cis-1,2-Dichloroethene	A
					Chlorobenzene	A
					1,2,3-Trichlorobenzene	A
					cis-1,3-Dichloropropene	A
					Methyl tert-butyl ether	A

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Accreditation Program Analytes Report

WO#: **2412018**
10-Dec-24

Client: Blaes Environmental
Project: Circle K #2709633 / 219-9633-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2412018-001B	MW-4	Aqueous	VOLATILE ORGANICS BY GC/MS	4-Methyl-2-pentanone	A
					1,1-Dichloroethene	A
					Carbon tetrachloride	A
					Dichlorodifluoromethane	A
					1,2,4-Trimethylbenzene	A
					2-Hexanone	A
					1,1-Dichloropropene	A
					1,2-Dichloropropane	A
					Ethylbenzene	A
					1,2-Dichlorobenzene	A
					2-Butanone	A
					1,2-Dichloroethane	A
					Trichloroethene	A
					1,3-Dichloropropane	A
					1,4-Dichlorobenzene	A
					trans-1,2-Dichloroethene	A
					1,1,1-Trichloroethane	A
					1,2-Dibromoethane	A
					Trichlorofluoromethane	A
					1,1,1,2-Tetrachloroethane	A
					Toluene	A
					Acrylonitrile	A
					1,1,2,2-Tetrachloroethane	A
					1,3-Dichlorobenzene	A
					Bromobenzene	A
					Tetrachloroethene	A
					Vinyl chloride	A
					Benzene	A
					trans-1,3-Dichloropropene	A
	2412018-002B	MW-5			2-Chlorotoluene	A
					1,1-Dichloropropene	A

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Accreditation Program Analytes Report

WO#: **2412018**
10-Dec-24

Client: Blaes Environmental
Project: Circle K #2709633 / 219-9633-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2412018-002B	MW-5	Aqueous	VOLATILE ORGANICS BY GC/MS	Carbon disulfide	A
					m,p-Xylene	A
					Trichloroethene	A
					1,3-Dichloropropane	A
					1,1,1-Trichloroethane	A
					4-Methyl-2-pentanone	A
					1,2,4-Trimethylbenzene	A
					Ethylbenzene	A
					Dibromomethane	A
					Dichlorodifluoromethane	A
					Benzene	A
					Chloroform	A
					1,2,3-Trichloropropane	A
					1,1,1,2-Tetrachloroethane	A
					4-Chlorotoluene	A
					Chloromethane	A
					1,3-Dichlorobenzene	A
					Vinyl chloride	A
					2-Hexanone	A
					Chlorobenzene	A
					n-Butylbenzene	A
					1,2,3-Trichlorobenzene	A
					cis-1,3-Dichloropropene	A
					1,2-Dichloroethane	A
					Acrylonitrile	A
					Trichlorofluoromethane	A
					trans-1,3-Dichloropropene	A
					Carbon tetrachloride	A
					cis-1,2-Dichloroethene	A
					2,2-Dichloropropane	A
					Bromobenzene	A

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Accreditation Program Analytes Report

WO#: **2412018**
10-Dec-24

Client: Blaes Environmental
Project: Circle K #2709633 / 219-9633-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2412018-002B	MW-5	Aqueous	VOLATILE ORGANICS BY GC/MS	Toluene	A
					1,1-Dichloroethene	A
					1,2-Dibromo-3-chloropropane	A
					1,1,2-Trichloroethane	A
					Bromochloromethane	A
					Bromoform	A
					Acetone	A
					n-Propylbenzene	A
					1,4-Dichlorobenzene	A
					Styrene	A
					Bromodichloromethane	A
					1,1,2-Trichloro-1,2,2-trifluoroethane	A
					Tetrachloroethene	A
					tert-Butylbenzene	A
					1,3,5-Trimethylbenzene	A
					o-Xylene	A
					Methylene chloride	A
					Methyl tert-butyl ether	A
					1,2-Dichloropropane	A
					1,2-Dichlorobenzene	A
					1,1,2,2-Tetrachloroethane	A
					Bromomethane	A
					1,1-Dichloroethane	A
					1,2-Dibromoethane	A
					trans-1,2-Dichloroethene	A
					2-Butanone	A
					Naphthalene	A
	2412018-003B	MW-8			Chlorobenzene	A
					Acetone	A
					1,1-Dichloroethene	A
					1,2,3-Trichloropropane	A

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Accreditation Program Analytes Report

WO#: **2412018**

10-Dec-24

Client: Blaes Environmental

Project: Circle K #2709633 / 219-9633-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2412018-003B	MW-8	Aqueous	VOLATILE ORGANICS BY GC/MS	Bromobenzene	A
					Bromoform	A
					Acrylonitrile	A
					Carbon disulfide	A
					1,2-Dichlorobenzene	A
					1,2-Dibromoethane	A
					1,2,4-Trimethylbenzene	A
					Bromochloromethane	A
					Carbon tetrachloride	A
					1,2-Dibromo-3-chloropropane	A
					Benzene	A
					4-Methyl-2-pentanone	A
					Bromomethane	A
					Bromodichloromethane	A
					Toluene	A
					n-Butylbenzene	A
					Chloroform	A
					n-Propylbenzene	A
					o-Xylene	A
					2,2-Dichloropropane	A
					Styrene	A
					1,1,2-Trichloro-1,2,2-trifluoroethane	A
					tert-Butylbenzene	A
					Tetrachloroethene	A
					2-Butanone	A
					1,1,2,2-Tetrachloroethane	A
					1,1,2-Trichloroethane	A
					trans-1,2-Dichloroethene	A
					1,3,5-Trimethylbenzene	A
					trans-1,3-Dichloropropene	A
					1,3-Dichloropropane	A

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Accreditation Program Analytes Report

WO#: **2412018**

10-Dec-24

Client: Blaes Environmental

Project: Circle K #2709633 / 219-9633-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2412018-003B	MW-8	Aqueous	VOLATILE ORGANICS BY GC/MS	1,1,1-Trichloroethane	A
					Trichloroethene	A
					Trichlorofluoromethane	A
					1,1,1,2-Tetrachloroethane	A
					Vinyl chloride	A
					1,3-Dichlorobenzene	A
					1,4-Dichlorobenzene	A
					Ethylbenzene	A
					4-Chlorotoluene	A
					1,2,3-Trichlorobenzene	A
					cis-1,2-Dichloroethene	A
					1,2-Dichloroethane	A
					cis-1,3-Dichloropropene	A
					2-Hexanone	A
					Dibromomethane	A
					Dichlorodifluoromethane	A
					2-Chlorotoluene	A
					Chloromethane	A
					Naphthalene	A
					Methyl tert-butyl ether	A
					1,1-Dichloroethane	A
					1,2-Dichloropropane	A
					Methylene chloride	A
					m,p-Xylene	A
					1,1-Dichloropropene	A
	2412018-004B	MW-9			1,3,5-Trimethylbenzene	A
					4-Chlorotoluene	A
					1,3-Dichlorobenzene	A
					2-Butanone	A
					4-Methyl-2-pentanone	A
					2-Chlorotoluene	A

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Accreditation Program Analytes Report

WO#: **2412018**
10-Dec-24

Client: Blaes Environmental
Project: Circle K #2709633 / 219-9633-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2412018-004B	MW-9	Aqueous	VOLATILE ORGANICS BY GC/MS	1,2-Dichloroethane	A
					1,3-Dichloropropane	A
					2,2-Dichloropropane	A
					1,2-Dichloropropane	A
					1,2-Dichlorobenzene	A
					Acetone	A
					1,4-Dichlorobenzene	A
					2-Hexanone	A
					Styrene	A
					Acrylonitrile	A
					1,1-Dichloroethene	A
					Chloromethane	A
					Methyl tert-butyl ether	A
					1,1-Dichloroethane	A
					Methylene chloride	A
					Naphthalene	A
					n-Butylbenzene	A
					1,1,2-Trichloroethane	A
					n-Propylbenzene	A
					Dichlorodifluoromethane	A
					1,1,2-Trichloro-1,2,2-trifluoroethane	A
					Ethylbenzene	A
					tert-Butylbenzene	A
					Tetrachloroethene	A
					1,1,2,2-Tetrachloroethane	A
					Toluene	A
					trans-1,2-Dichloroethene	A
					1,1,1-Trichloroethane	A
					trans-1,3-Dichloropropene	A
					Trichloroethene	A
					Trichlorofluoromethane	A

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Accreditation Program Analytes Report

WO#: **2412018**
10-Dec-24

Client: Blaes Environmental
Project: Circle K #2709633 / 219-9633-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2412018-004B	MW-9	Aqueous	VOLATILE ORGANICS BY GC/MS	1,1,1,2-Tetrachloroethane	A
					Vinyl chloride	A
					o-Xylene	A
					Carbon disulfide	A
					Benzene	A
					1,2-Dibromoethane	A
					Bromobenzene	A
					Bromochloromethane	A
					1,2-Dibromo-3-chloropropane	A
					Bromodichloromethane	A
					Bromoform	A
					Bromomethane	A
					m,p-Xylene	A
					1,2,4-Trimethylbenzene	A
					Dibromomethane	A
					Carbon tetrachloride	A
					1,2,3-Trichlorobenzene	A
					1,1-Dichloropropene	A
					cis-1,2-Dichloroethene	A
					1,2,3-Trichloropropane	A
					Chloroform	A
					Chlorobenzene	A
					cis-1,3-Dichloropropene	A
	2412018-005B	MW-10			1,1,2-Trichloro-1,2,2-trifluoroethane	A
					1,2-Dibromoethane	A
					1,2,3-Trichloropropane	A
					1,2-Dichloroethane	A
					1,3,5-Trimethylbenzene	A
					1,1,1,2-Tetrachloroethane	A
					1,1-Dichloroethene	A
					1,1-Dichloropropene	A

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Accreditation Program Analytes Report

WO#: **2412018**
10-Dec-24

Client: Blaes Environmental
Project: Circle K #2709633 / 219-9633-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2412018-005B	MW-10	Aqueous	VOLATILE ORGANICS BY GC/MS	1,1,1-Trichloroethane	A
					1,2-Dichloropropane	A
					1,1,2-Trichloroethane	A
					1,2,4-Trimethylbenzene	A
					1,1,2,2-Tetrachloroethane	A
					1,2-Dichlorobenzene	A
					1,1-Dichloroethane	A
					1,2,3-Trichlorobenzene	A
					1,2-Dibromo-3-chloropropane	A
					n-Butylbenzene	A
					Bromobenzene	A
					tert-Butylbenzene	A
					Chloromethane	A
					Styrene	A
					Ethylbenzene	A
					Bromodichloromethane	A
					Bromoform	A
					o-Xylene	A
					Bromomethane	A
					Carbon disulfide	A
					Benzene	A
					Carbon tetrachloride	A
					Bromochloromethane	A
					Chlorobenzene	A
					Chloroform	A
					1,3-Dichlorobenzene	A
					Naphthalene	A
					cis-1,2-Dichloroethene	A
					Methylene chloride	A
					cis-1,3-Dichloropropene	A
					Methyl tert-butyl ether	A

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Accreditation Program Analytes Report

WO#: **2412018**
10-Dec-24

Client: Blaes Environmental
Project: Circle K #2709633 / 219-9633-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2412018-005B	MW-10	Aqueous	VOLATILE ORGANICS BY GC/MS	Dibromomethane	A
					Dichlorodifluoromethane	A
					m,p-Xylene	A
					n-Propylbenzene	A
					trans-1,3-Dichloropropene	A
					Vinyl chloride	A
					1,3-Dichloropropane	A
					Trichlorofluoromethane	A
					1,4-Dichlorobenzene	A
					2,2-Dichloropropane	A
					Trichloroethene	A
					2-Butanone	A
					2-Chlorotoluene	A
					2-Hexanone	A
					trans-1,2-Dichloroethene	A
					Toluene	A
					Tetrachloroethene	A
					Acrylonitrile	A
					Acetone	A
					4-Chlorotoluene	A
					4-Methyl-2-pentanone	A
	2412018-006B	MW-11			Methylene chloride	A
					1,1,2-Trichloro-1,2,2-trifluoroethane	A
					m,p-Xylene	A
					Trichlorofluoromethane	A
					1,1-Dichloroethane	A
					1,1,2,2-Tetrachloroethane	A
					1,1,1-Trichloroethane	A
					Tetrachloroethene	A
					Methyl tert-butyl ether	A
					1,1,2-Trichloroethane	A

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Accreditation Program Analytes Report

WO#: **2412018**
10-Dec-24

Client: Blaes Environmental
Project: Circle K #2709633 / 219-9633-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2412018-006B	MW-11	Aqueous	VOLATILE ORGANICS BY GC/MS	1,1,1,2-Tetrachloroethane	A
					n-Butylbenzene	A
					trans-1,3-Dichloropropene	A
					n-Propylbenzene	A
					o-Xylene	A
					trans-1,2-Dichloroethene	A
					Naphthalene	A
					Styrene	A
					Toluene	A
					tert-Butylbenzene	A
					Trichloroethene	A
					1,2-Dichloroethane	A
					Benzene	A
					Acrylonitrile	A
					1,2-Dibromoethane	A
					Acetone	A
					4-Methyl-2-pentanone	A
					1,2-Dichlorobenzene	A
					4-Chlorotoluene	A
					Chloromethane	A
					2-Chlorotoluene	A
					Bromochloromethane	A
					2-Butanone	A
					2,2-Dichloropropane	A
					1,2-Dichloropropane	A
					1,4-Dichlorobenzene	A
					1,3-Dichloropropane	A
					1,3-Dichlorobenzene	A
					1,3,5-Trimethylbenzene	A
					2-Hexanone	A
					Chlorobenzene	A

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Accreditation Program Analytes Report

WO#: **2412018**

10-Dec-24

Client: Blaes Environmental

Project: Circle K #2709633 / 219-9633-03

Program Name	Sample ID	ClientSampleID	Matrix	Test Name	Analyte	Status
ORELAP	2412018-006B	MW-11	Aqueous	VOLATILE ORGANICS BY GC/MS	Dichlorodifluoromethane	A
					1,1-Dichloroethene	A
					Dibromomethane	A
					cis-1,3-Dichloropropene	A
					1,1-Dichloropropene	A
					cis-1,2-Dichloroethene	A
					Bromobenzene	A
					Vinyl chloride	A
					1,2,3-Trichlorobenzene	A
					1,2-Dibromo-3-chloropropane	A
					Carbon tetrachloride	A
					1,2,3-Trichloropropane	A
					Carbon disulfide	A
					Bromomethane	A
					Bromoform	A
					1,2,4-Trimethylbenzene	A
					Bromodichloromethane	A
					Ethylbenzene	A
					Chloroform	A

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QC SUMMARY REPORT

Specialty Analytical

WO#: **2412018**

12/10/2024

Client: Blaes Environmental

Project: Circle K #2709633 / 219-9633-03 **TestCode: 8260_W**

Sample ID: **LCS** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **56687**

Client ID: **LCSW** Batch ID: **24993** TestNo: **SW8260D** **SW 5030B** Analysis Date: **12/4/2024** SeqNo: **736824**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	44.9	1.00	40.00	0	112	80	120				
1,1,1-Trichloroethane	37.8	1.00	40.00	0	94.6	80	120				
1,1,2,2-Tetrachloroethane	33.4	1.00	40.00	0	83.4	80	120				
1,1,2-Trichloroethane	40.2	1.00	40.00	0	101	80	120				
1,1-Dichloroethane	36.7	1.00	40.00	0	91.7	80	120				
1,1-Dichloroethene	33.6	1.00	40.00	0	83.9	61.2	135				
1,1-Dichloropropene	38.7	1.00	40.00	0	96.7	80	120				
1,2,3-Trichlorobenzene	37.1	1.00	40.00	0	92.8	80	120				
1,2,3-Trichloropropane	34.2	1.00	40.00	0	85.4	80	120				
1,2,4-Trichlorobenzene	40.8	1.00	40.00	0	102	80	120				
1,2,4-Trimethylbenzene	33.5	1.00	40.00	0	83.7	80	120				
1,2-Dibromo-3-chloropropane	43.2	1.00	40.00	0	108	80	120				
1,2-Dibromoethane	45.7	1.00	40.00	0	114	80	120				
1,2-Dichlorobenzene	34.5	1.00	40.00	0	86.2	80	120				
1,2-Dichloroethane	32.0	1.00	40.00	0	80.1	80	120				
1,2-Dichloropropane	42.2	1.00	40.00	0	106	80	120				
1,3,5-Trimethylbenzene	34.3	1.00	40.00	0	85.7	80	120				
1,3-Dichlorobenzene	35.3	1.00	40.00	0	88.2	80	120				
1,3-Dichloropropane	40.1	1.00	40.00	0	100	80	120				
1,4-Dichlorobenzene	33.5	1.00	40.00	0	83.8	80	120				
2,2-Dichloropropane	40.8	1.00	40.00	0	102	80	120				
2-Butanone	67.7	10.0	80.00	0	84.6	80	120				
2-Chlorotoluene	40.7	1.00	40.00	0	102	80	120				

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2412018**

12/10/2024

Client: Blaes Environmental

Project: Circle K #2709633 / 219-9633-03 **TestCode: 8260_W**

Sample ID: **LCS** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **56687**

Client ID: **LCSW** Batch ID: **24993** TestNo: **SW8260D** **SW 5030B** Analysis Date: **12/4/2024** SeqNo: **736824**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	70.1	10.0	80.00	0	87.7	80	120				
4-Chlorotoluene	35.2	1.00	40.00	0	87.9	80	120				
4-Isopropyltoluene	33.4	1.00	40.00	0	83.6	80	120				
4-Methyl-2-pentanone	71.7	10.0	80.00	0	89.6	80	120				
Acetone	67.6	20.0	80.00	0	84.5	80	120				
Acrylonitrile	38.0	5.00	40.00	0	95.1	80	120				
Benzene	42.2	0.300	40.00	0	106	76.8	125				
Bromobenzene	42.0	1.00	40.00	0	105	80	120				
Bromochloromethane	55.1	1.00	40.00	0	138	80	120				SSC
Bromodichloromethane	38.2	1.00	40.00	0	95.5	80	120				
Bromoform	44.3	1.00	40.00	0	111	80	120				
Bromomethane	36.1	1.00	40.00	0	90.3	80	120				
Carbon disulfide	40.3	2.00	40.00	0	101	80	120				
Carbon tetrachloride	37.4	1.00	40.00	0	93.5	80	120				
Chlorobenzene	45.6	1.00	40.00	0	114	84.1	116				
Chloroethane	25.5	1.00	40.00	0	63.7	80	120				S
Chloroform	37.7	1.00	40.00	0	94.2	80	120				
Chloromethane	33.5	1.00	40.00	0	83.7	80	120				
cis-1,2-Dichloroethene	37.9	1.00	40.00	0	94.7	80	120				
cis-1,3-Dichloropropene	40.6	1.00	40.00	0	101	80	120				
Dibromochloromethane	42.3	1.00	40.00	0	106	80	120				
Dibromomethane	41.4	1.00	40.00	0	103	80	120				
Dichlorodifluoromethane	33.7	1.00	40.00	0	84.2	80	120				

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2412018**

12/10/2024

Client: Blaes Environmental

Project: Circle K #2709633 / 219-9633-03 **TestCode: 8260_W**

Sample ID: **LCS** SampType: **LCS** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **56687**

Client ID: **LCSW** Batch ID: **24993** TestNo: **SW8260D** **SW 5030B** Analysis Date: **12/4/2024** SeqNo: **736824**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylbenzene	38.7	1.00	40.00	0	96.8	80	120				
Hexachlorobutadiene	32.4	1.00	40.00	0	80.9	80	120				
Isopropylbenzene	36.8	1.00	40.00	0	92.0	80	120				
m,p-Xylene	67.4	2.00	80.00	0	84.3	80	120				
Methyl tert-butyl ether	46.3	1.00	40.00	0	116	80	120				
Methylene chloride	ND	50.0	40.00	0	103	80	120				
Naphthalene	39.5	1.00	40.00	0	98.7	80	120				
n-Butylbenzene	34.7	1.00	40.00	0	86.9	80	120				
n-Propylbenzene	33.4	1.00	40.00	0	83.5	80	120				
o-Xylene	36.6	1.00	40.00	0	91.4	80	120				
sec-Butylbenzene	32.5	1.00	40.00	0	81.2	80	120				
Styrene	39.3	1.00	40.00	0	98.2	80	120				
tert-Butylbenzene	33.9	1.00	40.00	0	84.7	80	120				
Tetrachloroethene	50.1	1.00	40.00	0	125	80	120				SSC
Toluene	43.7	1.00	40.00	0	109	82	122				
trans-1,2-Dichloroethene	36.4	1.00	40.00	0	91.0	82	120				
trans-1,3-Dichloropropene	36.6	1.00	40.00	0	91.6	82	120				
Trichloroethene	47.8	1.00	40.00	0	119	68.5	124				
Trichlorofluoromethane	32.3	1.00	40.00	0	80.7	80	120				
Vinyl chloride	19.5	1.00	40.00	0	48.8	80	120				S

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2412018**

12/10/2024

Client: Blaes Environmental

Project: Circle K #2709633 / 219-9633-03 **TestCode: 8260_W**

Sample ID: **CCV**	SampType: **CCV**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **56687**
Client ID: **CCV**	Batch ID: **24993**	TestNo: **SW8260D**	**SW 5030B**	Analysis Date: **12/4/2024**	SeqNo: **736825**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	44.9	1.00	40.00	0	112	80	120				
1,1,1-Trichloroethane	37.8	1.00	40.00	0	94.6	80	120				
1,1,2,2-Tetrachloroethane	33.4	1.00	40.00	0	83.4	80	120				
1,1,2-Trichloroethane	40.2	1.00	40.00	0	101	80	120				
1,1-Dichloroethane	36.7	1.00	40.00	0	91.7	80	120				
1,1-Dichloroethene	33.6	1.00	40.00	0	83.9	80	120				
1,1-Dichloropropene	38.7	1.00	40.00	0	96.7	80	120				
1,2,3-Trichlorobenzene	37.1	1.00	40.00	0	92.8	80	120				
1,2,3-Trichloropropane	34.2	1.00	40.00	0	85.4	80	120				
1,2,4-Trichlorobenzene	40.8	1.00	40.00	0	102	80	120				
1,2,4-Trimethylbenzene	33.5	1.00	40.00	0	83.7	80	120				
1,2-Dibromo-3-chloropropane	43.2	1.00	40.00	0	108	80	120				
1,2-Dibromoethane	45.7	1.00	40.00	0	114	80	120				
1,2-Dichlorobenzene	34.5	1.00	40.00	0	86.2	80	120				
1,2-Dichloroethane	32.0	1.00	40.00	0	80.1	80	120				
1,2-Dichloropropane	42.2	1.00	40.00	0	106	80	120				
1,3,5-Trimethylbenzene	34.3	1.00	40.00	0	85.7	80	120				
1,3-Dichlorobenzene	35.3	1.00	40.00	0	88.2	80	120				
1,3-Dichloropropane	40.1	1.00	40.00	0	100	80	120				
1,4-Dichlorobenzene	33.5	1.00	40.00	0	83.8	80	120				
2,2-Dichloropropane	40.8	1.00	40.00	0	102	80	120				
2-Butanone	67.7	10.0	80.00	0	84.6	80	120				
2-Chlorotoluene	40.7	1.00	40.00	0	102	80	120				

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2412018**

12/10/2024

Client: Blaes Environmental

Project: Circle K #2709633 / 219-9633-03 **TestCode: 8260_W**

Sample ID: **CCV**	SampType: **CCV**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **56687**
Client ID: **CCV**	Batch ID: **24993**	TestNo: **SW8260D**	**SW 5030B**	Analysis Date: **12/4/2024**	SeqNo: **736825**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	70.1	10.0	80.00	0	87.7	80	120				
4-Chlorotoluene	35.2	1.00	40.00	0	87.9	80	120				
4-Isopropyltoluene	33.4	1.00	40.00	0	83.6	80	120				
4-Methyl-2-pentanone	71.7	10.0	80.00	0	89.6	80	120				
Acetone	67.6	20.0	80.00	0	84.5	80	120				
Acrylonitrile	38.0	5.00	40.00	0	95.1	80	120				
Benzene	42.2	0.300	40.00	0	106	80	120				
Bromobenzene	42.0	1.00	40.00	0	105	80	120				
Bromochloromethane	55.1	1.00	40.00	0	138	80	120				SSC
Bromodichloromethane	38.2	1.00	40.00	0	95.5	80	120				
Bromoform	44.3	1.00	40.00	0	111	80	120				
Bromomethane	36.1	1.00	40.00	0	90.3	80	120				
Carbon disulfide	40.3	2.00	40.00	0	101	80	120				
Carbon tetrachloride	37.4	1.00	40.00	0	93.5	80	120				
Chlorobenzene	45.6	1.00	40.00	0	114	80	120				
Chloroethane	25.5	1.00	40.00	0	63.7	80	120				S
Chloroform	37.7	1.00	40.00	0	94.2	80	120				
Chloromethane	33.5	1.00	40.00	0	83.7	80	120				
cis-1,2-Dichloroethene	37.9	1.00	40.00	0	94.7	80	120				
cis-1,3-Dichloropropene	40.6	1.00	40.00	0	101	80	120				
Dibromochloromethane	42.3	1.00	40.00	0	106	80	120				
Dibromomethane	41.4	1.00	40.00	0	103	80	120				
Dichlorodifluoromethane	33.7	1.00	40.00	0	84.2	80	120				

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2412018**

12/10/2024

Client: Blaes Environmental

Project: Circle K #2709633 / 219-9633-03 **TestCode: 8260_W**

Sample ID: **CCV** SampType: **CCV** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **56687**

Client ID: **CCV** Batch ID: **24993** TestNo: **SW8260D** **SW 5030B** Analysis Date: **12/4/2024** SeqNo: **736825**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylbenzene	38.7	1.00	40.00	0	96.8	80	120				
Hexachlorobutadiene	32.4	1.00	40.00	0	80.9	80	120				
Isopropylbenzene	36.8	1.00	40.00	0	92.0	80	120				
m,p-Xylene	67.4	2.00	80.00	0	84.3	80	120				
Methyl tert-butyl ether	46.3	1.00	40.00	0	116	80	120				
Methylene chloride	ND	50.0	40.00	0	103	80	120				
Naphthalene	39.5	1.00	40.00	0	98.7	80	120				
n-Butylbenzene	34.7	1.00	40.00	0	86.9	80	120				
n-Propylbenzene	33.4	1.00	40.00	0	83.5	80	120				
o-Xylene	36.6	1.00	40.00	0	91.4	80	120				
sec-Butylbenzene	32.5	1.00	40.00	0	81.2	80	120				
Styrene	39.3	1.00	40.00	0	98.2	80	120				
tert-Butylbenzene	33.9	1.00	40.00	0	84.7	80	120				
Tetrachloroethene	50.1	1.00	40.00	0	125	80	120				SSC
Toluene	43.7	1.00	40.00	0	109	80	120				
trans-1,2-Dichloroethene	36.4	1.00	40.00	0	91.0	80	120				
trans-1,3-Dichloropropene	36.6	1.00	40.00	0	91.6	80	120				
Trichloroethene	47.8	1.00	40.00	0	119	80	120				
Trichlorofluoromethane	32.3	1.00	40.00	0	80.7	80	120				
Vinyl chloride	19.5	1.00	40.00	0	48.8	80	120				S

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2412018**

12/10/2024

Client: Blaes Environmental

Project: Circle K #2709633 / 219-9633-03 **TestCode: 8260_W**

Sample ID: **MBLK** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **56687**

Client ID: **PBW** Batch ID: **24993** TestNo: **SW8260D** **SW 5030B** Analysis Date: **12/4/2024** SeqNo: **736826**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									
2-Chlorotoluene	ND	1.00									

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2412018**

12/10/2024

Client: Blaes Environmental

Project: Circle K #2709633 / 219-9633-03 **TestCode: 8260_W**

Sample ID: **MBLK**	SampType: **MBLK**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **56687**
Client ID: **PBW**	Batch ID: **24993**	TestNo: **SW8260D**	**SW 5030B**	Analysis Date: **12/4/2024**	SeqNo: **736826**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	10.0									
Acetone	ND	20.0									
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									
Bromobenzene	ND	1.00									
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	ND	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	ND	1.00									
Chloromethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	ND	1.00									

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2412018**

12/10/2024

Client: Blaes Environmental

Project: Circle K #2709633 / 219-9633-03 **TestCode: 8260_W**

Sample ID: **MBLK** SampType: **MBLK** TestCode: **8260_W** Units: **µg/L** Prep Date: RunNo: **56687**

Client ID: **PBW** Batch ID: **24993** TestNo: **SW8260D** **SW 5030B** Analysis Date: **12/4/2024** SeqNo: **736826**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylbenzene	ND	1.00									
Freon-113	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	ND	50.0									
Naphthalene	ND	1.00									
n-Butylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	ND	1.00									
Toluene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
Trichloroethene	ND	1.00									
Trichlorofluoromethane	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	73.0		100.0		73.0	75.3	126				S
Surr: 4-Bromofluorobenzene	85.9		100.0		85.9	78.1	120				

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2412018**

12/10/2024

Client: Blaes Environmental

Project: Circle K #2709633 / 219-9633-03 **TestCode: 8260_W**

Sample ID: **MBLK**	SampType: **MBLK**	TestCode: **8260_W**	Units: **µg/L**	Prep Date:	RunNo: **56687**
Client ID: **PBW**	Batch ID: **24993**	TestNo: **SW8260D**	**SW 5030B**	Analysis Date: **12/4/2024**	SeqNo: **736826**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	90.3		100.0		90.3	74.2	122				
Surr: Toluene-d8	84.4		100.0		84.4	76.2	135				

Sample ID: **2412018-001BMS**	SampType: **MS**	TestCode: **8260_W**	Units: **µg/L**	Prep Date: **12/4/2024**	RunNo: **56687**
Client ID: **MW-4**	Batch ID: **24993**	TestNo: **SW8260D**	**SW 5030B**	Analysis Date: **12/4/2024**	SeqNo: **736833**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	44.6	1.00	40.00	0	111	70	130				
1,1,1-Trichloroethane	38.0	1.00	40.00	0	95.0	70	130				
1,1,2,2-Tetrachloroethane	33.5	1.00	40.00	0	83.8	70	130				
1,1,2-Trichloroethane	38.0	1.00	40.00	0	94.9	70	130				
1,1-Dichloroethane	37.8	1.00	40.00	0	94.4	70	130				
1,1-Dichloroethene	35.3	1.00	40.00	0	88.2	47.8	165				
1,1-Dichloropropene	40.4	1.00	40.00	0	101	70	130				
1,2,3-Trichlorobenzene	33.1	1.00	40.00	0	82.7	70	130				
1,2,3-Trichloropropane	31.8	1.00	40.00	0	79.4	70	130				
1,2,4-Trichlorobenzene	37.4	1.00	40.00	0	93.6	70	130				
1,2,4-Trimethylbenzene	33.7	1.00	40.00	0	84.3	70	130				
1,2-Dibromo-3-chloropropane	46.5	1.00	40.00	0	116	70	130				
1,2-Dibromoethane	43.0	1.00	40.00	0	108	70	130				
1,2-Dichlorobenzene	36.4	1.00	40.00	0	90.9	70	130				

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2412018**

12/10/2024

Client: Blaes Environmental

Project: Circle K #2709633 / 219-9633-03 **TestCode: 8260_W**

Sample ID: **2412018-001BMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: **12/4/2024** RunNo: **56687**

Client ID: **MW-4** Batch ID: **24993** TestNo: **SW8260D** **SW 5030B** Analysis Date: **12/4/2024** SeqNo: **736833**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloroethane	30.1	1.00	40.00	0	75.3	70	130				
1,2-Dichloropropane	42.4	1.00	40.00	0	106	70	130				
1,3,5-Trimethylbenzene	31.9	1.00	40.00	0	79.8	70	130				
1,3-Dichlorobenzene	34.2	1.00	40.00	0	85.6	70	130				
1,3-Dichloropropane	38.0	1.00	40.00	0	95.1	70	130				
1,4-Dichlorobenzene	36.2	1.00	40.00	0	90.4	70	130				
2,2-Dichloropropane	40.3	1.00	40.00	0	101	70	130				
2-Butanone	64.9	10.0	80.00	0	81.2	70	130				
2-Chlorotoluene	37.7	1.00	40.00	0	94.3	70	130				
2-Hexanone	64.8	10.0	80.00	0	81.0	70	130				
4-Chlorotoluene	32.1	1.00	40.00	0	80.3	70	130				
4-Isopropyltoluene	36.7	1.00	40.00	0	91.7	70	130				
4-Methyl-2-pentanone	63.2	10.0	80.00	0	78.9	70	130				
Acetone	54.9	20.0	80.00	0	68.7	70	130				SMI
Acrylonitrile	38.6	5.00	40.00	0	96.6	70	130				
Benzene	42.1	0.300	40.00	0	105	74.1	136				
Bromobenzene	42.6	1.00	40.00	0	106	70	130				
Bromochloromethane	53.1	1.00	40.00	0	133	70	130				S
Bromodichloromethane	37.4	1.00	40.00	0	93.5	70	130				
Bromoform	40.7	1.00	40.00	0	102	70	130				
Bromomethane	17.7	1.00	40.00	0	44.2	70	130				S
Carbon disulfide	42.6	2.00	40.00	0	106	70	130				
Carbon tetrachloride	37.8	1.00	40.00	0	94.5	70	130				

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2412018**

12/10/2024

Client: Blaes Environmental

Project: Circle K #2709633 / 219-9633-03 **TestCode: 8260_W**

Sample ID: **2412018-001BMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: **12/4/2024** RunNo: **56687**

Client ID: **MW-4** Batch ID: **24993** TestNo: **SW8260D** **SW 5030B** Analysis Date: **12/4/2024** SeqNo: **736833**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	43.5	1.00	40.00	0	109	70.7	133				
Chloroethane	21.0	1.00	40.00	0	52.4	70	130				S
Chloroform	37.3	1.00	40.00	0	93.3	70	130				
Chloromethane	33.2	1.00	40.00	0	83.0	70	130				
cis-1,2-Dichloroethene	38.6	1.00	40.00	0	96.4	70	130				
cis-1,3-Dichloropropene	40.5	1.00	40.00	0	101	70	130				
Dibromochloromethane	40.5	1.00	40.00	0	101	70	130				
Dibromomethane	39.3	1.00	40.00	0	98.2	70	130				
Dichlorodifluoromethane	29.1	1.00	40.00	0	72.8	70	130				
Ethylbenzene	36.8	1.00	40.00	0	92.0	70	130				
Hexachlorobutadiene	22.9	1.00	40.00	0	57.2	70	130				SMI
Isopropylbenzene	34.2	1.00	40.00	0	85.6	70	130				
m,p-Xylene	60.9	2.00	80.00	0	76.2	70	130				
Methyl tert-butyl ether	47.1	1.00	40.00	0	118	70	130				
Methylene chloride	ND	50.0	40.00	0	97.8	70	130				
Naphthalene	41.6	1.00	40.00	0	104	70	130				
n-Butylbenzene	35.2	1.00	40.00	0	88.0	70	130				
n-Propylbenzene	31.0	1.00	40.00	0	77.4	70	130				
o-Xylene	35.2	1.00	40.00	0	88.1	70	130				
sec-Butylbenzene	42.2	1.00	40.00	0	106	70	130				
Styrene	36.8	1.00	40.00	0	91.9	70	130				
tert-Butylbenzene	32.6	1.00	40.00	0	81.5	70	130				
Tetrachloroethene	46.3	1.00	40.00	0	116	70	130				

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2412018**

12/10/2024

Client: Blaes Environmental

Project: Circle K #2709633 / 219-9633-03 **TestCode: 8260_W**

Sample ID: **2412018-001BMS** SampType: **MS** TestCode: **8260_W** Units: **µg/L** Prep Date: **12/4/2024** RunNo: **56687**

Client ID: **MW-4** Batch ID: **24993** TestNo: **SW8260D** **SW 5030B** Analysis Date: **12/4/2024** SeqNo: **736833**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	41.6	1.00	40.00	0	104	68.4	135				
trans-1,2-Dichloroethene	38.4	1.00	40.00	0	95.9	70	130				
trans-1,3-Dichloropropene	34.8	1.00	40.00	0	86.9	70	130				
Trichloroethene	47.0	1.00	40.00	0	118	50.8	164				
Trichlorofluoromethane	38.2	1.00	40.00	0	95.4	70	130				
Vinyl chloride	10.8	1.00	40.00	0	27.0	70	130				S

Sample ID: **2412018-001BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: **12/4/2024** RunNo: **56687**

Client ID: **MW-4** Batch ID: **24993** TestNo: **SW8260D** **SW 5030B** Analysis Date: **12/4/2024** SeqNo: **736834**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	42.3	1.00	40.00	0	106	70	130	44.57	5.25	20	
1,1,1-Trichloroethane	36.2	1.00	40.00	0	90.4	70	130	37.99	4.91	20	
1,1,2,2-Tetrachloroethane	38.2	1.00	40.00	0	95.5	70	130	33.51	13.1	20	
1,1,2-Trichloroethane	38.7	1.00	40.00	0	96.7	70	130	37.95	1.91	20	
1,1-Dichloroethane	35.2	1.00	40.00	0	88.0	70	130	37.78	7.04	20	
1,1-Dichloroethene	33.5	1.00	40.00	0	83.7	47.8	165	35.30	5.26	20	
1,1-Dichloropropene	38.2	1.00	40.00	0	95.6	70	130	40.43	5.54	20	
1,2,3-Trichlorobenzene	36.4	1.00	40.00	0	91.0	70	130	33.08	9.53	20	
1,2,3-Trichloropropane	36.5	1.00	40.00	0	91.2	70	130	31.77	13.9	20	
1,2,4-Trichlorobenzene	40.1	1.00	40.00	0	100	70	130	37.44	6.89	20	

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2412018**

12/10/2024

Client: Blaes Environmental

Project: Circle K #2709633 / 219-9633-03 **TestCode: 8260_W**

Sample ID: **2412018-001BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: **12/4/2024** RunNo: **56687**

Client ID: **MW-4** Batch ID: **24993** TestNo: **SW8260D** **SW 5030B** Analysis Date: **12/4/2024** SeqNo: **736834**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	35.9	1.00	40.00	0	89.7	70	130	33.71	6.18	20	
1,2-Dibromo-3-chloropropane	48.8	1.00	40.00	0	122	70	130	46.48	4.81	20	
1,2-Dibromoethane	43.1	1.00	40.00	0	108	70	130	43.00	0.325	20	
1,2-Dichlorobenzene	36.5	1.00	40.00	0	91.2	70	130	36.36	0.275	20	
1,2-Dichloroethane	29.5	1.00	40.00	0	73.7	70	130	30.11	2.08	20	
1,2-Dichloropropane	41.4	1.00	40.00	0	104	70	130	42.43	2.41	20	
1,3,5-Trimethylbenzene	36.8	1.00	40.00	0	92.0	70	130	31.93	14.2	20	
1,3-Dichlorobenzene	37.6	1.00	40.00	0	93.9	70	130	34.24	9.27	20	
1,3-Dichloropropane	37.8	1.00	40.00	0	94.6	70	130	38.05	0.527	20	
1,4-Dichlorobenzene	36.6	1.00	40.00	0	91.5	70	130	36.18	1.18	20	
2,2-Dichloropropane	38.1	1.00	40.00	0	95.2	70	130	40.28	5.59	20	
2-Butanone	62.6	10.0	80.00	0	78.3	70	130	64.92	3.61	20	
2-Chlorotoluene	42.5	1.00	40.00	0	106	70	130	37.73	11.8	20	
2-Hexanone	63.8	10.0	80.00	0	79.8	70	130	64.81	1.55	20	
4-Chlorotoluene	36.7	1.00	40.00	0	91.8	70	130	32.11	13.4	20	
4-Isopropyltoluene	30.7	1.00	40.00	0	76.8	70	130	36.69	17.7	20	
4-Methyl-2-pentanone	63.4	10.0	80.00	0	79.2	70	130	63.15	0.332	20	
Acetone	57.8	20.0	80.00	0	72.3	70	130	54.94	5.13	20	
Acrylonitrile	37.3	5.00	40.00	0	93.3	70	130	38.62	3.48	20	
Benzene	40.9	0.300	40.00	0	102	74.1	136	42.14	2.89	20	
Bromobenzene	49.8	1.00	40.00	0	124	70	130	42.55	15.7	20	
Bromochloromethane	53.0	1.00	40.00	0	132	70	130	53.09	0.264	20	S
Bromodichloromethane	36.4	1.00	40.00	0	91.1	70	130	37.38	2.60	20	

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2412018**

12/10/2024

Client: Blaes Environmental

Project: Circle K #2709633 / 219-9633-03 **TestCode: 8260_W**

Sample ID: **2412018-001BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: **12/4/2024** RunNo: **56687**

Client ID: **MW-4** Batch ID: **24993** TestNo: **SW8260D** **SW 5030B** Analysis Date: **12/4/2024** SeqNo: **736834**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	41.2	1.00	40.00	0	103	70	130	40.67	1.34	20	
Bromomethane	35.0	1.00	40.00	0	87.6	70	130	17.67	65.9	20	RMI
Carbon disulfide	41.3	2.00	40.00	0	103	70	130	42.58	2.96	20	
Carbon tetrachloride	35.7	1.00	40.00	0	89.2	70	130	37.81	5.80	20	
Chlorobenzene	44.0	1.00	40.00	0	110	70.7	133	43.50	1.03	20	
Chloroethane	24.9	1.00	40.00	0	62.3	70	130	20.96	17.3	20	S
Chloroform	35.9	1.00	40.00	0	89.8	70	130	37.32	3.77	20	
Chloromethane	30.6	1.00	40.00	0	76.6	70	130	33.19	7.96	20	
cis-1,2-Dichloroethene	36.8	1.00	40.00	0	92.1	70	130	38.56	4.54	20	
cis-1,3-Dichloropropene	39.3	1.00	40.00	0	98.2	70	130	40.51	3.13	20	
Dibromochloromethane	40.3	1.00	40.00	0	101	70	130	40.49	0.470	20	
Dibromomethane	39.0	1.00	40.00	0	97.6	70	130	39.30	0.664	20	
Dichlorodifluoromethane	31.1	1.00	40.00	0	77.8	70	130	29.10	6.77	20	
Ethylbenzene	36.3	1.00	40.00	0	90.8	70	130	36.79	1.29	20	
Hexachlorobutadiene	25.4	1.00	40.00	0	63.6	70	130	22.90	10.5	20	SMI
Isopropylbenzene	34.2	1.00	40.00	0	85.5	70	130	34.22	0.0585	20	
m,p-Xylene	61.3	2.00	80.00	0	76.6	70	130	60.92	0.606	20	
Methyl tert-butyl ether	45.0	1.00	40.00	0	112	70	130	47.08	4.56	20	
Methylene chloride	ND	50.0	40.00	0	98.7	70	130	0	0	20	
Naphthalene	41.0	1.00	40.00	0	103	70	130	41.55	1.26	20	
n-Butylbenzene	30.6	1.00	40.00	0	76.4	70	130	35.18	14.0	20	
n-Propylbenzene	35.8	1.00	40.00	0	89.4	70	130	30.97	14.3	20	
o-Xylene	34.7	1.00	40.00	0	86.8	70	130	35.24	1.46	20	

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2412018**

12/10/2024

Client: Blaes Environmental

Project: Circle K #2709633 / 219-9633-03 **TestCode: 8260_W**

Sample ID: **2412018-001BMSD** SampType: **MSD** TestCode: **8260_W** Units: **µg/L** Prep Date: **12/4/2024** RunNo: **56687**

Client ID: **MW-4** Batch ID: **24993** TestNo: **SW8260D** **SW 5030B** Analysis Date: **12/4/2024** SeqNo: **736834**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	32.1	1.00	40.00	0	80.2	70	130	42.21	27.2	20	RMI
Styrene	37.7	1.00	40.00	0	94.3	70	130	36.76	2.60	20	
tert-Butylbenzene	36.8	1.00	40.00	0	92.0	70	130	32.59	12.2	20	
Tetrachloroethene	44.7	1.00	40.00	0	112	70	130	46.28	3.41	20	
Toluene	41.8	1.00	40.00	0	105	68.4	135	41.55	0.672	20	
trans-1,2-Dichloroethene	35.9	1.00	40.00	0	89.7	70	130	38.37	6.68	20	
trans-1,3-Dichloropropene	34.8	1.00	40.00	0	87.0	70	130	34.76	0.0575	20	
Trichloroethene	45.8	1.00	40.00	0	114	50.8	164	47.00	2.70	20	
Trichlorofluoromethane	31.2	1.00	40.00	0	78.1	70	130	38.16	19.9	20	
Vinyl chloride	13.0	1.00	40.00	0	32.5	70	130	10.80	18.4	20	S

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2412018**

12/10/2024

Client: Blaes Environmental

Project: Circle K #2709633 / 219-9633-03 **TestCode:** **NWTPHDXLL_W**

Sample ID: **CCV-1**	SampType: **CCV**	TestCode: **NWTPHDXLL**	Units: **mg/L**	Prep Date:	RunNo: **56722**
Client ID: **CCV**	Batch ID: **24990**	TestNo: **NWTPH-Dx**	**SW 3510C**	Analysis Date: **12/6/2024**	SeqNo: **737340**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics	9.01	0.0800	8.000	0	113	85	115				
Oil Range Organics	4.31	0.200	4.000	0	108	85	115				

Sample ID: **MB-24990**	SampType: **MBLK**	TestCode: **NWTPHDXLL**	Units: **mg/L**	Prep Date: **12/4/2024**	RunNo: **56722**
Client ID: **PBW**	Batch ID: **24990**	TestNo: **NWTPH-Dx**	**SW 3510C**	Analysis Date: **12/6/2024**	SeqNo: **737341**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics	ND	0.0800									
Oil Range Organics	ND	0.200									
Surr: o-Terphenyl	0.195		0.2000		97.4	50	150				

Sample ID: **LCS-24990**	SampType: **LCS**	TestCode: **NWTPHDXLL**	Units: **mg/L**	Prep Date: **12/4/2024**	RunNo: **56722**
Client ID: **LCSW**	Batch ID: **24990**	TestNo: **NWTPH-Dx**	**SW 3510C**	Analysis Date: **12/6/2024**	SeqNo: **737342**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics	0.978	0.0800	1.000	0	97.8	60.7	121				
Oil Range Organics	0.772	0.200	1.000	0	77.2	64	126				

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2412018**

12/10/2024

Client: Blaes Environmental

Project: Circle K #2709633 / 219-9633-03 **TestCode:** **NWTPHDXLL_W**

Sample ID: **LCSD-24990**	SampType: **LCSD**	TestCode: **NWTPHDXLL**	Units: **mg/L**	Prep Date: **12/4/2024**	RunNo: **56722**
Client ID: **LCSS02**	Batch ID: **24990**	TestNo: **NWTPH-Dx**	**SW 3510C**	Analysis Date: **12/6/2024**	SeqNo: **737343**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics	0.936	0.0800	1.000	0	93.6	60.7	121	0.9780	4.34	20	
Oil Range Organics	0.773	0.200	1.000	0	77.3	64	126	0.7718	0.117	20	

Sample ID: **CCV-2**	SampType: **CCV**	TestCode: **NWTPHDXLL**	Units: **mg/L**	Prep Date:	RunNo: **56722**
Client ID: **CCV**	Batch ID: **24990**	TestNo: **NWTPH-Dx**	**SW 3510C**	Analysis Date: **12/7/2024**	SeqNo: **737350**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics	6.53	0.0800	6.000	0	109	85	115				
Oil Range Organics	3.04	0.200	3.000	0	101	85	115				

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2412018**

12/10/2024

Client: Blaes Environmental

Project: Circle K #2709633 / 219-9633-03 **TestCode:** **NWTPHGX_W**

Sample ID: **CCV-2K**	SampType: **CCV**	TestCode: **NWTPHGX_**	Units: **µg/L**	Prep Date:	RunNo: **56675**
Client ID: **CCV**	Batch ID: **24983**	TestNo: **NWTPH-Gx**	**NWTPH-Gx**	Analysis Date: **12/3/2024**	SeqNo: **736701**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics	1840	100	2000	0	92.0	80	120				

Sample ID: **LCS-R56675**	SampType: **LCS**	TestCode: **NWTPHGX_**	Units: **µg/L**	Prep Date:	RunNo: **56675**
Client ID: **LCSW**	Batch ID: **24983**	TestNo: **NWTPH-Gx**	**NWTPH-Gx**	Analysis Date: **12/3/2024**	SeqNo: **736702**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics	1840	100	2000	0	92.0	74.4	128				

Sample ID: **LCSD-R56675**	SampType: **LCSD**	TestCode: **NWTPHGX_**	Units: **µg/L**	Prep Date:	RunNo: **56675**
Client ID: **LCSS02**	Batch ID: **24983**	TestNo: **NWTPH-Gx**	**NWTPH-Gx**	Analysis Date: **12/3/2024**	SeqNo: **736703**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics	1770	100	2000	0	88.5	74.4	128	1841	3.97	20	

Sample ID: **MB-R56675**	SampType: **MBLK**	TestCode: **NWTPHGX_**	Units: **µg/L**	Prep Date:	RunNo: **56675**
Client ID: **PBW**	Batch ID: **24983**	TestNo: **NWTPH-Gx**	**NWTPH-Gx**	Analysis Date: **12/3/2024**	SeqNo: **736704**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics	ND	100									

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Specialty Analytical

WO#: **2412018**

12/10/2024

Client: Blaes Environmental

Project: Circle K #2709633 / 219-9633-03 **TestCode:** **NWTPHGX_W**

Sample ID: **MB-R56675** SampType: **MBLK** TestCode: **NWTPHGX_** Units: **µg/L** Prep Date: RunNo: **56675**

Client ID: **PBW** Batch ID: **24983** TestNo: **NWTPH-Gx** **NWTPH-Gx** Analysis Date: **12/3/2024** SeqNo: **736704**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	113		100.0		113	50	150				

Sample ID: **2412018-001BDUP** SampType: **DUP** TestCode: **NWTPHGX_** Units: **µg/L** Prep Date: **12/3/2024** RunNo: **56675**

Client ID: **MW-4** Batch ID: **24983** TestNo: **NWTPH-Gx** **NWTPH-Gx** Analysis Date: **12/3/2024** SeqNo: **736706**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics	ND	100						0	0	20	

Sample ID: **CCV-3K** SampType: **CCV** TestCode: **NWTPHGX_** Units: **µg/L** Prep Date: RunNo: **56675**

Client ID: **CCV** Batch ID: **24983** TestNo: **NWTPH-Gx** **NWTPH-Gx** Analysis Date: **12/3/2024** SeqNo: **736712**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline Range Organics	2900	100	3000	0	96.8	80	120				

Qualifiers: H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

Specialty Analytical
9011 SE Jannsen Rd
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

Sample Receipt Checklist

Client Name BLAES_ENVT Work Order Number 2412018

RcptNo: 1 Date and Time Receive 12/3/2024 1:37:00 PM Received by: Julie Clay

Completed by Reviewed by:

Completed Date: 12/3/2024 1:37:30 PM Reviewed Date: 12/3/2024 5:17:42 PM

Carrier name: Client

Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	Not Present ☐
Are matrices correctly identified on Chain of custody?	Yes ☑	No ☐	
Is it clear what analyses were requested?	Yes ☑	No ☐	
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Samples in proper container/bottle?	Yes ☑	No ☐	
Were correct preservatives used and noted?	Yes ☑	No ☐	NA ☐
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
Were container lables complete (ID, Pres, Date)?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
All samples received at a temp. of > 0° C to 6.0° C?	Yes ☑	No ☐	NA ☐
Response when temperature is outside of range:			
Preservative added to bottles:			
Sample Temp. taken and recorded upon receipt?	Yes ☑	No ☐	To 1.3 ºC
Water - Were bubbles absent in VOC vials?	Yes ☐	No ☐	No Vials ☑
Water - Was there Chlorine Present?	Yes ☐	No ☐	NA ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	NA ☐
Are Samples considered acceptable?	Yes ☑	No ☐	
Custody Seals present?	Yes ☐	No ☑	
Traffic Report or Packing Lists present?	Yes ☐	No ☑	
Airbill or Sticker?	Air Bill ☐	Sticker ☐	Not Present ☑
Airbill No:			
Sample Tags Present?	Yes ☐	No ☑	
Sample Tags Listed on COC?	Yes ☐	No ☑	
Tag Numbers:			
Sample Condition?	Intact ☑	Broken ☐	Leaking ☐

Case Number: SDG: SAS:

Cooler Information

Cooler No	Temp ºC	Condition	Seal Intact	Seal No	Seal Date	Signed By

Assets Information

Adjusted? _____ Checked by _____

Any No and/or NA (not applicable) response must be detailed in the comments section be

Specialty Analytical
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Sample Receipt Checklist

Client Name BLAES_ENVT Work Order Number 2412018

Client Contacted? ☐ Yes ☑ No ☐ NA Person Contacted: Comments:

Contact Mode: ☐ Phone: ☐ Fax: ☐ Email: ☐ In Person:

Client Instructions:

Date Contacted: Contacted By:

Regarding:

CorrectiveAction:

Specialty Analytical
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Sample Receipt Checklist

Client Name BLAES_ENVT

Work Order Number 2412018

Sample Details

SampID	ClientSampID	ContainerID	Type	Org pH	Temp.	RcptNo	Cooler No	Comments
2412018-001A	MW-4	Container-01 of 01	Bottle					
2412018-001B	MW-4	Container-01 of 04	Bottle					
2412018-001B	MW-4	Container-02 of 04	Bottle					
2412018-001B	MW-4	Container-03 of 04	Bottle					
2412018-001B	MW-4	Container-04 of 04	Bottle					
2412018-002A	MW-5	Container-01 of 01	Bottle					
2412018-002B	MW-5	Container-01 of 04	Bottle					
2412018-002B	MW-5	Container-02 of 04	Bottle					
2412018-002B	MW-5	Container-03 of 04	Bottle					
2412018-002B	MW-5	Container-04 of 04	Bottle					
2412018-003A	MW-8	Container-01 of 01	Bottle					
2412018-003B	MW-8	Container-01 of 04	Bottle					
2412018-003B	MW-8	Container-02 of 04	Bottle					
2412018-003B	MW-8	Container-03 of 04	Bottle					
2412018-003B	MW-8	Container-04 of 04	Bottle					
2412018-004A	MW-9	Container-01 of 01	Bottle					
2412018-004B	MW-9	Container-01 of 04	Bottle					
2412018-004B	MW-9	Container-02 of 04	Bottle					
2412018-004B	MW-9	Container-03 of 04	Bottle					
2412018-004B	MW-9	Container-04 of 04	Bottle					

Specialty Analytical
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Clackamas, Oregon 97015
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Sample Receipt Checklist

Client Name BLAES_ENVT

Work Order Number 2412018

2412018-005A	MW-10	Container-01 of 01	Bottle
2412018-005B	MW-10	Container-01 of 04	Bottle
2412018-005B	MW-10	Container-02 of 04	Bottle
2412018-005B	MW-10	Container-03 of 04	Bottle
2412018-005B	MW-10	Container-04 of 04	Bottle
2412018-006A	MW-11	Container-01 of 01	Bottle
2412018-006B	MW-11	Container-01 of 04	Bottle
2412018-006B	MW-11	Container-02 of 04	Bottle
2412018-006B	MW-11	Container-03 of 04	Bottle
2412018-006B	MW-11	Container-04 of 04	Bottle

Chain of Custody Record

Specialty Analytical
9011 SE Jannsen Rd
Clackamas, OR 97015
Phone: 503-607-1331
www.specialtyanalytical.com

PMS

Date: 12/3/24 Page: 1 of: 1
Project Name: CIRCLE K #2709633
Project No: 219-9633-03 PO No: 9633
Collected by: D. BLISS
State Collected: (OR) WA OTHER
Report To (PM): DBLISS@BLISSENVIRONMENTAL.COM
PM Email(s): DBLISS@BLISSENVIRONMENTAL.COM

Laboratory Project No (internal): 24|2018
Temperature on Receipt: 1.3 °C
Cooling: ICE Shipped Via: Client
Custody Seal: Y / (N) Intact / Broken Cooler / Bottle
MDL TIER IV EDD
Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 60 days)

Client: BLISS ENVIRONMENTAL
Address: 45 E MONTEREY WAY #200
City, State, Zip: PHOENIX, ARIZONA 85012
Telephone: 602-728-0707
Invoice Email: DBLISS@BLISSENVIRONMENTAL.COM

	Sample Name	Sample Date	Sample Time	Sample Matrix*	# of Containers	Requested Tests: NWTPH-GX	NWTPH-DX	8260 VOC's Full										Comments (Please note potential hazards)
1	MW-4	12/3/24	11:28	WATER	5	X	X	X										BOTTLES USED 12/2/24 BUT SAMPLES COLLECTED 12/3/24
2	MW-5		11:00 AM		5	X	X	X										
3	MW-8		12:03 PM		5	X	X	X										
4	MW-9		10:31		5	X	X	X										
5	MW-10		9:29 AM		5	X	X	X										
6	MW-11		9:57		5	X	X	X										
7																		
8																		
9																		
10																		

*Matrix: A = Air, AQ = Aqueous, L=Liquid, O = Oil, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water, M = Miscellaneous

Turn-around Time: Standard: X 3 Day: ____ 2 Day: ____ Next Day: ____ Same Day: ____
Expedited turn-around requests should be coordinated in advance

Relinquished	Date/Time	Received	Date/Time
x	12/3/24 1:30 pm	x	12/3/24 1:30pm
x	Date/Time PMS	x	Date/Time
x	Date/Time	x	Date/Time

Specialty Analytical
9011 SE Jannsen Rd
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

Definition Only

WO#: **2412018**
Date: **12/10/2024**

Definitions:

KEY TO FLAGS

A: This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was qualified against gasoline calibration standards.

A1: This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was qualified against diesel calibration standards.

A2: This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was qualified against lube oil calibration standards.

A3: The results was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.

A4: The product appears to be aged or degraded.

B: The blank exhibited a positive result greater than the reporting limit for this compound.

BC: Sample concentration is >10x positive result in blank. Data is considered acceptable.

CN: See Case Narrative.

E: Result exceeds the calibration range for this compound. The result should be considered an estimate.

F: The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.

FS: Follow-up testing is suggested.

G: Result may be biased high due to biogenic interferences. Clean up is recommended.

H: Sample was analyzed outside recommended holding time.

HT: At client's request, samples was analyzed outside of recommended holding time.

HP: Sample was analyzed outside recommended holding time due to VOA having pH >2.

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Clackamas, Oregon 97015
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Website: www.specialtyanalytical.com

Definition Only

WO#: **2412018**
Date: **12/10/2024**

Definitions:

J: The results for this analyte is between the MDL and the PQL and should be considered an estimated concentration.

K: Diesel result is biased high due to amount of Oil contained in the sample.

L: Diesel result is biased high due to amount of Gasoline contained in the sample.

M: Oil result is biased high due to amount of Diesel contained in the sample.

N: Gasoline result is biased high due to amount of Diesel contained in the sample.

MC: Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.

MI: Result is outside control limits due to matrix interference.

NH: Sample matrix is non-homogeneous

MSA: Value determined by Method of Standard Addition.

O: Laboratory Control Standard (LCS) exceeded laboratory control limits but meets CCV criteria. Data meets EPA requirements.

Q: Detection levels elevated due to sample matrix.

R: RPD control limits were exceeded

RF: Duplicate failed due to result being at or near the method-reporting limit.

RP: Matrix spike values exceed established QC limits; post digestion spike is in control.

S: Recovery is outside control limits.

SC: CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.

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Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

Definition Only

WO#: **2412018**
Date: **12/10/2024**

Definitions:

SL: LCS exceeded recovery control limits, but associated MS/MSD passing. Data meets EPA requirements.

SV: CCV exceded low recovery control limits. ND as reported evaluated using EPA method 8260D section 11.4.3.2

TA: Sample treated with ascorbic acid for the removal of thiocyanates.

TS: Sample treated with Sodium Sulfite for the removal of chlorine.

APPENDIX F

UPDATED WELL SURVEY

Site Worksheet for:

Blaes Environmental

Location: SW 1/4 Section 10, NW 1/4 Section 15, Township 4 South, Range 4 West of the Willamette Meridian
In the Madison Malone Donation Land Claim #49
City of McMinnville, Yamhill County, Oregon

Tax Lot: 4410C - 101 & 102

Date: 15 November 2024

HORIZONTAL DATUM :

NAD 83/91 OREGON NORTH ZONE

ELEVATIONS SHOWN ARE NAVD 1988 DATUM
DERIVED FROM AN OPUS SOLUTION

North

0 40 80 120

Scale: 1" = 40'

Legend

= MONUMENT FOUND

= MONITOR WELL

MONITOR WELL #10
CASING @ GROUND EL= 157.29'
HIGH POINT PVC EL= 157.01'
N:581673.61
E:7514484.33

MONITOR WELL #11
CASING @ GROUND EL= 160.44'
HIGH POINT PVC EL= 159.95'
N:581667.17
E:7514803.04

5/8" IRON ROD,
PER CSP-7189

MONITOR WELL #4
CASING @ GROUND EL= 158.40'
HIGH POINT PVC EL= 158.16'
N:581539.05
E:7514597.75

MONITOR WELL #8
CASING @ GROUND EL= 160.13'
HIGH POINT PVC EL= 159.81'
N:581498.17
E:7514665.17

MONITOR WELL #5
CASING @ GROUND EL= 161.25'
HIGH POINT PVC EL= 161.03'
N:581506.93
E:7514745.50

MONITOR WELL #3
CASING @ GROUND EL= 160.48'
HIGH POINT PVC EL= 160.24'
N:581454.15
E:7514611.77

MONITOR WELL #6
CASING @ GROUND EL= 160.86'
HIGH POINT PVC EL= 160.60'
N:581451.92
E:7514668.11

MONITOR WELL #9
CASING @ GROUND EL= 161.44'
HIGH POINT PVC EL= 161.16'
N:581453.91
E:7514790.19

5/8" IRON ROD W/ YELLOW PLASTIC CAP,
MARKED "L. MACDONALD & ASSOC. LLC"
PER PT 2011-04
N:581460.38
E:7514562.01

S 86°30'17" E 242.22'

240.48'

S 02°42'53" W 626.70

TAX LOT: 4410C - 1802
LASSEN DORAN PROPERTIES
PARCEL 1 OF PT 1999-27

SITE BENCHMARK
MAGSPIKE
ELEVATION= 160.82'
N:581455.21
E:7514583.03

MONITOR WELL #7
CASING @ GROUND EL= 160.91'
HIGH POINT PVC EL= 160.70'
N:581446.43
E:7514648.95

5/8" IRON ROD W/ YELLOW PLASTIC
CAP MARKED "L. MACDONALD &
ASSOC. LLC" PER PT 2011-04 SET
ON LINE 1.70' FROM CORNER

83.18'

MONITOR WELL #2
CASING @ GROUND EL= 161.14'
HIGH POINT PVC EL= 160.88'
N:581435.18
E:7514696.03

TAX LOT: 4410C - 102
WILCO FARMERS
PARCEL 1 OF PT 2011-04

MONITOR WELL #1
CASING @ GROUND EL= 161.68'
HIGH POINT PVC EL= 161.45'
N:581395.69
E:7514661.29

1" IRON PIPE,
PER CS-2757

N 34°52'19" E
5.58'

5/8" IRON ROD W/ YELLOW PLASTIC
CAP MARKED "DUNCKEL LS 1942"
PER PT 1999-10, UNDER PAVEMENT

S 24°58'27" E 60.61'

N 02°17'21" E 257.40'

TAX LOT: 4410C - 101
GETTY LEASING INC.
INST. NO. 201708049
PARCEL 2 OF PT 2011-04

5/8" IRON ROD W/ YELLOW PLASTIC
CAP MARKED "DUNCKEL LS 1942"
PER PT 1999-10
N:581303.00
E:7514822.36

5/8" IRON ROD W/ YELLOW PLASTIC CAP,
MARKED "L. MACDONALD & ASSOC. LLC"
PER PT 2011-04
N:581203.14
E:7514551.73

STATE HIGHWAY 99W

REGISTERED
PROFESSIONAL
LAND SURVEYOR

OREGON
January 16, 2002
LELAND A. MACDONALD
53226

Renews 31 December 2024

BY : LELAND MACDONALD & ASSOC., LLC
FORMERLY DBA MATT DUNCKEL & ASSOC.
3885 RIVERSIDE DRIVE
MCMINNVILLE, OREGON 97128
PHONE : 503-472-7904
FAX: 503-472-0367
EMAIL:LEE@MACDONALDSURVEYING.COM

#10,128

APPENDIX G

LIQUID WASTE DISPOSAL DOCUMENTATION

Orrco™
The oil recycler.

Oil Re-Refining Company, Inc.

Invoice

Date	Invoice #
12/9/2024	470247

Bill To	Ship To
Graymar Environmental 905 N Corporate Dr. Troutdale, OR 97060	PDX-1659

Resell Expires	

Option	P.O. Number	Terms	Due Date	Ship Date	Bill of Lading	Account #
Email		30 Days Net	1/8/2025	12/5/2024	R1241205005	

Item Code	Description	U/M	Quantity	Price Each	Amount
XRF Analysis T...	XRF Analysis Testing In House	Ea	1	30.00	30.00
Wastewater (fue...	For recycling, CDT test:	Gal	2,900	1.00	2,900.00
Oily Solids (gall...	For recycling, Flash Point > 200 F. CDT test:	Gal	100	2.50	250.00
	OREGON			0.00%	0.00

Total	$3,180.00

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

Payments/Credits	$0.00
Balance Due	$3,180.00

We accept all major credit cards.

Remit payment to: 4150 N Suttle Rd. Portland, OR 97217-7717

Unpaid invoices past 30 days will incure a 1.5% per month finance charge.

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	8664719627	PDX1659

GENERATOR

5. Generator's Name and Mailing Address
CIRCLE K #9633
2335 HIGHWAY 99 WEST
McMINNVILLE OR 97128
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name
GRAYMAR Environmental

U.S. EPA ID Number
WAH 70 3555 713

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
DIC REFINERY CO
4150 N. SUTTLE RD.
PORTLAND OR
Facility's Phone:

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-DOT REGULATED LIQUID (WATER/GASOLINE FOR RECYCLE)	01	TT	3000	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Steve Niskanen (for Circle K) | Signature: Steve Niskanen | Month: 12 | Day: 5 | Year: 24

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Steve Niskanen | Signature: Steve Niskanen | Month: 12 | Day: 5 | Year: 24

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name | Signature | Month | Day | Year

TRANSPORTER #1

Orrco™
The oil recycler.

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

RECEIVING RECORD

R **01-24-1205-005**

Received From:
Graymar Environmental
905 N Corporate Dr
Troutdale OR 97060
EPA#
Phone: 971-678-9115
Customer ID# ***32686***
Driver: Steve

Receiving Location: Plant # **1**
FPI
4150 N. Suttle Road
Portland, OR 97217

Phone 503-286-8352
EPA# ORD980975692

Date	Terms	Written By	Sales Rep.	Page
12/05/24	-0-	Salomon		***1*** of ***1***

Line	Qty.	Unit	Item	%H20	Manifest #	B/L#	Net Qty
1	*1*	*Each*	*XRF Analysis Testing* Generator ID# 32686 Graymar Environmental				
			Total Each 1.				
2	*2900*	*Gal.*	*Emulsified Fuel* Generator ID# 32686 Graymar Environmental Profile attached, Circle K Mc minnville OR	*90 %*	*PDX-1659*		
3	*100*	*Gal.*	*Suspended Solids* Generator ID# 32686 Graymar Environmental profile attached	*0 %*	*PDX1659*		
			Total Gal. 3000.				

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

Signed X Steve Nishna DATE: 12/5/2024