CONFIRMATION SOIL BORING REPORT

CIRCLE K #2706049
6006 WEST CLEARWATER AVENUE
KENNEWICK, WASHINGTON

May 17, 2023

Prepared For:

CIRCLE K STORES, INC
255 EAST RINCON, SUITE 100
CORONA, CALIFORNIA 92879

Prepared By:

BLAES ENVIRONMENTAL MANAGEMENT, INC.
45 EAST MONTEREY WAY, SUITE 200
PHOENIX, ARIZONA 85012

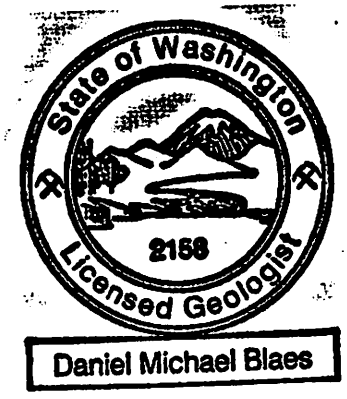
BLAES ENVIRONMENTAL PROJECT # 202-6049-07

This Confirmation Soil Boring Report has been prepared by Blaes Environmental Management, Inc. for Circle K Stores, Inc. (Circle K) as it pertains to Circle K #2706049 located at 6006 West Clearwater Avenue in Kennewick, Washington. 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 as outlined in this document. It should be understood by Circle K that Blaes Environmental Management, Inc. has relied on the accuracy of documents, oral information, and other materials and information provided by Circle K and other associated parties. Any subsequent modification, revision or verification of this report must be provided in writing by Blaes Environmental Management, Inc.

REPORT PREPARED BY:

Daniel M. Blaes
Principal Geologist
Blaes Environmental Management, Inc.
Washington Licensed Geologist/Hydrogeologist #2158



Blaes Project #202-6049-07

EXECUTIVE SUMMARY

Blaes Environmental conducted a subsurface soil confirmation boring program at Circle K #2706049 located at 6001 West Clearwater Avenue in Kennewick, Washington. The objective of the subsurface investigation was to confirm the current concentrations of petroleum hydrocarbons below the former underground storage tank zone and below the east-central fuel dispenser at the property. The investigation involved drilling and collecting soil samples from one soil boring drilled adjacent to the eastern side of the existing underground storage tank (UST) basin and from one soil boring adjacent to the east-central fuel dispenser island.

On April 11, 2023 and April 12, 2023, Yellow Jacket Drilling used a rotosonic drilling rig to advance soil borings CB-1 and CB-2 at the former tank zone and near the dispenser area, respectively. Boring CB-1 was drilled to a total depth of approximately 80 feet below the ground surface and boring CB-2 was drilled to a total depth of 35 feet below the ground surface at the site.

Soil samples collected from each boring were delivered by Blaes Environmental to Eurofins in Fife, Washington. Each soil sample was analyzed for NWTPH-GX volatile gasoline range organics (GRO), NWTPH-Dx semi-volatile diesel and oil range organics (DRO-ORO), and for volatile organic compounds (VOCs) in compliance with EPA Method 8260, as well as for EDB and EDC. Laboratory analysis of the soil samples collected from the confirmation soil borings CB-1 and CB-2 found the following:

- All soil samples from both borings (except two sample depths within boring CB-1) were found not to contain petroleum hydrocarbon concentrations above MTCA Method A regulatory levels.

- The only two soil samples that had hydrocarbon concentrations above the regulatory thresholds were from depths of 55 and 60 feet bgs in boring CB-1. Both samples had Total Petroleum Hydrocarbon (TPH) concentrations in the gasoline range of 1,500 and 270 mg/Kg (parts per million-ppm), respectively. Both of these soil samples also had Naphthalene concentrations above MTCA Method A of 21,000 ppm and 8,500 ppm, respectively. All other volatile organic compounds (VOCs) within the same soil samples from depths of 55 and 60 feet bgs in boring CB-1 were below MTCA Method A regulatory levels.

Although two of the soil samples collected from confirmation boring CB-1 specifically contained TPH and Naphthalene above regulatory thresholds, Blaes Environmental does not consider these analytes at 55 and 60 feet bgs in boring CB-1 to be a risk to either surficial potential receptors or groundwater at the site. Further, both TPH and Naphthalene are likely to remain residual in place at the same depths through time and undergo natural degradation

Based on the data from this investigation, Blaes Environmental believes that the laboratory data from borings CB-1 and CB-2 demonstrates that the past vapor extraction remediation efforts at the site had

successfully reduced the petroleum hydrocarbon VOC concentrations down to acceptable levels in both soil confirmation boring locations. Blaes Environmental, on behalf of Circle K, now requests that Washington Department of Environmental Quality (WDOE) close the petroleum hydrocarbon release cases at the site and allow well abandonment and site restoration to be conducted at the property.

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1.0 INTRODUCTION

This report documents the procedures and findings of a subsurface confirmation soil boring program conducted at Circle K #2706049 located at 6006 West Clearwater Avenue in Kennewick, Washington (Figure 1). Blaes Environmental Management, Inc. (Blaes Environmental) conducted the drilling and soil sampling investigation for Circle K Stores, Inc. (Circle K) in April 2023.

1.1 PROGRAM OBJECTIVES

The objective of the confirmation soil boring program was to verify the current concentrations of petroleum hydrocarbon constituents in the vadose-zone soil at two locations on the site. The first location was adjacent/below to the existing underground storage tank (UST) zone. The second location was adjacent/below the east-central fuel dispenser island. Both locations have been the subject of previous petroleum hydrocarbon releases on the property.

1.2 SITE SPECIFIC SCOPE OF WORK

The confirmation soil boring scope of work involved three primary activities including: (1) locating underground utilities using public line locating services and notifying the Circle K store manager prior to commencing field activities; and (2) drilling and sampling one soil boring to a depth of approximately 80 feet adjacent/below the existing UST zone, and (3) drilling and sampling one soil boring to a depth of approximately 35 feet adjacent/below the east-central fuel dispenser island.

1.3 PROJECT TEAM

The project field team consisted of Blaes Environmental, Yellow Jacket Drilling of Sandy, Oregon, and Eurofins. in Fife, Washington, and other supporting subcontractors. Blaes Environmental personnel provided the project coordination, management, soil logging, and reporting. Yellow Jacket Drilling conducted the drilling and soil sampling activities. Eurofins provided laboratory analytical services.

1.4 PROJECT LIMITATIONS

As directed by Circle K, Blaes Environmental attempted to diligently investigate the soil conditions at each boring location. Soil samples were collected at approximate 5-foot depth intervals in both borings. Blaes Environmental notes that we cannot make representation as to whether petroleum hydrocarbon constituents exist in any soil sample, soil boring or depth interval not analyzed by the analytical laboratory as part of this subject boring program.

2.0 SITE BACKGROUND INFORMATION

This section presents known information regarding the site background. The information was obtained from field observations, Circle K (former Sunmart) files, and State, regional, and local literature.

2.1 SITE LOCATION AND LAND USE

The property is located on the northwest corner of the intersection of West Clearwater Avenue and North Kellogg Street in Kennewick, Washington. The property is within Section 4, Township 9 North, Range 29 East of the Kennewick, Washington U.S. Geological Survey 7 ½ -minute Topographic Quadrangle. The property consists of a concrete and asphalt-paved lot with one existing single-story building (the convenience store) and nine fuel product dispensers. The site features are shown on the Site Plan in Figure 2. Global Positioning System (GPS) readings locate the site at approximately latitude 46 degrees, 12 minutes, 45.86 seconds North and longitude 119 degrees, 12 minutes, 05.45 seconds West as measured on Google Earth 2021.

The area surrounding the site consists of a mixture of commercial businesses and residential developments. Immediately west of the site is an empty lot. The property located immediately south of the site is residential. East of the site (across Kellogg Street) is a bank. A storage facility is located to the west. Immediately north of the site is a multi-use professional office building.

2.2 SITE PHYSIOGRAPHY

The property lies at an elevation of approximately 538 feet above Mean Sea Level (Google Earth 2021). Natural surface drainage in the area is towards the east-northeast (U.S. Geological Survey 7 ½ -minute Topographic Quadrangle). On-site drainage is predominantly towards the east away from the building structure and into the streets. This site does not have drywells to collect stormwater and water is frequently pooled near the curbing on the northern property boundary during rain events.

2.3 REGIONAL GEOLOGY AND HYDROGEOLOGY

The site is located within the Columbia Basin**,** also known as the Columbia Plateau, which is a vast area in eastern Washington, southwestern Idaho, and northern Oregon. The physiographic province is characterized by incised rivers, extensive plateaus, and anticlinal ridges rising to 4,000 feet above sea level. The region is underlain by Miocene Columbia River Basalt Group rocks and interbedded Neogene terrestrial sediments.

Data about what lies under the Columbia River basalts are sparse. Along the Idaho border south of Spokane, steptoes that once were mountain tops consist of Precambrian Belt Supergroup sedimentary rocks and metamorphosed Cretaceous granites. These mountains were enveloped by Miocene basalts so that only the summits remain above the lava flows. Deeply weathered granites support a clay mining industry, and a cassiterite deposit is known just south of Spokane.

Even less is known about the pre-Miocene basement in the central and western parts of the Columbia Basin. The only information available is from seven petroleum exploration wells that have penetrated the basalt and from projections of geology from the margins of the basin. Along the margins, Paleogene fault-bounded basins are filled with thick sequences of arkose, volcaniclastic rocks, and coal. Drilling has demonstrated that in a general way these sedimentary basins extend southward under the Columbia River basalts. The subsurface geology changes near the Snake River. A 1987 exploratory well drilled 20 miles northeast of Pasco penetrated a thin Paleogene crystal tuff section before encountering Triassic or Jurassic chloritic metamorphic rocks at an approximate depth of 8,000 feet.

The Columbia basin province is best defined by the areal extent of the Miocene Columbia River Basalt Group rocks. These basalts, which are present in the Blue Mountain uplift as well as in the Columbia Basin, cover 36 percent of the entire state. The group consists of four flood basalt formations, starting with the Imnaha Basalt at 17.5 Ma, followed by the Grande Ronde Basalt (16.5 to 15.6 Ma), the Wanapum Basalt (15.6 to 14.5 Ma), and lastly the Saddle Mountains Basalt (14.5 to 6 Ma). On the basis of geophysical evidence, the basalts are known to reach a maximum thickness of 16,000 feet in the Pasco Basin.

The greatest volume of basalts was erupted before 15.5 Ma. These flows have similar appearances; techniques have been developed, however, to fingerprint individual basalt units using whole-rock geochemistry and magnetic polarity. Within the Grande Ronde Basalt, individual flows exceed 480 cubic miles (2,000 km3) in volume. The flows were extruded from vents and northwest-trending fissures east of Pasco and in the southeast corner of the state. The flows were extremely fluid, and as a result a number of them reached the Pacific Ocean via the ancestral Columbia River drainage.

During the Pliocene and the Pleistocene, gravel, sand, silt, and clay were deposited in lakes or by aggrading streams and rivers in depressions such as the Pasco Basin, where 1,000 feet of sediment lies on top of the basalt. Glacial outwash during the Pleistocene produced huge volumes of wind-blown silt called loess. It blankets much of the Columbia Basin and in places is up to 200 feet thick. The loess-rich soils of the Palouse subprovince provide ideal conditions for growing wheat, making southeast Washington one of the major grain-producing regions of the world.

The Columbia Basin was the scene of the greatest catastrophic floods ever documented in the geologic record. The Pleistocene Cordilleran ice sheet advanced south into Idaho, damming the Clark Fork River at the Montana border. A huge impoundment, called Lake Missoula, formed. The lake had the volume of present-day Lake Michigan and was 2,000 feet deep at the dam. The ice dam repeatedly gave way between 12,700 and 15,300 years ago, releasing waters that caused unprecedented flooding. Water raced down the Spokane Valley and spread out over the Columbia Basin. The maximum flow rate was estimated at 15 cubic miles (62.5 km3) per hour--a rate 15 times the combined flow of all the rivers of the world. During the floods the surface of the land was greatly modified. Anastomosing channels were cut through the loess blanket and into basalt, leaving a jumbled topography of coulees, buttes, mesas, dry water falls, hanging valleys, and giant ripples. These geomorphic features are known collectively as the Channeled Scablands. The events are called the Great Spokane Floods.

2.4 SITE LITHOLOGY AND DEPTH TO GROUNDWATER

Based on soil samples collected during this investigation, the subsurface soils consist of a well graded mixture of sand, silt, with some gravel, and cobbles from a depth of approximately 10 feet below the ground surface (bgs) to approximately 148 feet bgs. This site is extremely difficult drilling due to the large rocks in the near surface soils and down through the lithologic zones. Groundwater was not encountered during the drilling program at this site but occurs at a depth of approximately 127 feet bgs. The location of the existing wells on the site, including groundwater monitoring wells, is shown in Figure 3.

3.0 SOIL CONFIRMATION BORING PROGRAM

Blaes Environmental conducted the confirmation soil boring program in accordance with the scope of work prepared by Circle K Stores, Inc. The following sections of this report present a description of the procedures and equipment used to conduct the subsurface investigation.

3.1 UTILITY LOCATION AND STORE NOTIFICATION

3.1.1 Underground Utility Line Location

Blaes Environmental contacted Washington 811 to mark public subsurface utilities at the site approximately one week prior to field drilling operations. Blaes Environmental and the drilling contractor verified the field utility markings prior to initiating the subsurface activities at the site. In addition to the public utility marking service, Yellow Jacket Drilling also hand cleared the soil borings to a depth of approximately five feet bgs before drilling.

3.1.2 Store Notification

Concurrent with the utility line locating process, Blaes Environmental contacted the store owner/manager approximately 48 hours prior to drilling at the site. Blaes Environmental described the confirmation boring scope of work to the store manager and indicated that Blaes Environmental and the drilling contractor would work diligently to minimize the impact to the business during the subsurface investigation. The store manager was informed that Blaes Environmental intended on completing the assessment program within two days.

3.2 DRILLING AND SOIL SAMPLING

On April 11-12, 2023, Blaes Environmental and Yellow Jacket Drilling completed the drilling of two confirmation soil borings (CB-1 and CB-2) at the site. The location of each boring is shown in Figure 4. A description of the field activities conducted during the site investigation is presented below.

3.2.1 Health and Safety Meeting

Blaes Environmental conducted a health and safety meeting at the site prior to initiating drilling activities. Attendees at the meeting included all field personnel including three members of the drilling crew and the Blaes Environmental field representative. During the meeting, the site-specific Health & Safety Plan (HASP) was reviewed and discussed by all personnel and the HASP Approval Form Signature Page was signed by all applicable site personnel. Field activities were conducted in strict adherence with the provisions described in the HASP.

3.2.2 Soil Boring Drilling & Soil Sampling

On April 11, 2023 and April 12, 2023, Yellow Jacket Drilling used a rotosonic (sonic) drilling rig to advance soil borings CB-1 and CB-2 at the former tank zone and near the dispenser area, respectively. The CB-1 was drilled to a total depth of approximately 80 feet below the ground surface, while CB-2 was drilled to a total depth of 35 feet. Yellow Jacket Drilling collected a continuous core set as drilling progressed to the desired depth. Groundwater was not encountered in either boring. Field notes recorded during the drilling program are presented in Appendix A.

A calibrated photoionization detector (PID) was utilized to evaluate the soil sample collected from the borings. In addition to the PID measurements, Blaes Environmental described the physical characteristics of the soil sample using the Unified Soil Classification System (USCS). The PID measurements physical characteristics of the soils are presented in the lithologic logs in Appendix B.

The sonic core bags were organized onto the ground surface by depth by Yellow Jacket. Blaes Environmental collected a small quantity of soil from select depths within the sonic core bags. Each soil sample was collected using a Terra Core “T” sampler and added to a laboratory supplied vial containing methanol in accordance with sampling guidelines for EPA Method 5035. A second quantity of soil was removed from the sonic core (at the same sample depth) and placed into a laboratory-supplied glass sample jar. Both the methanol vials and glass jars were labeled with pertinent project information, placed in sealable plastic bags, and placed on ice in a cooler. A written record of each sample was entered onto a chain-of-custody record for transport to Eurofins for laboratory analysis.

3.3 LABORATORY ANALYSES

3.3.1 Laboratory Analysis

Soil samples collected during the confirmation soil boring program were delivered by Blaes Environmental, under proper chain-of-custody record, to Eurofins in Fife, Washington. The samples from the soil borings were analyzed for NWTPH-GX volatile gasoline range organics (GRO), NWTPH-Dx semi-volatile diesel and oil range organics (DRO-ORO), and for volatile organic compounds (VOCs) in compliance with EPA Method 8260, and for EDB and EDC. The laboratory results are described below and are represented in Table 1. Copies of the laboratory reports from borings CB-1 and CB-2 (including quality control/quality assurance documentation, and chain-of-custody record) are included in Appendix B.

3.3.2 Soil Analytical Results

Laboratory analysis of the soil samples collected from the confirmation soil borings CB-1 and CB-2 found the following:

- All soil samples from both borings (except two sample depths within boring CB-1) were found not to contain petroleum hydrocarbon concentrations above MTCA Method A regulatory levels.

- The only two soil samples that had hydrocarbon concentrations above the regulatory thresholds were from depths of 55 and 60 feet bgs in boring CB-1. Both samples had Total Petroleum Hydrocarbon (TPH) concentrations in the gasoline range of 1,500 and 270 mg/Kg (parts per million-ppm), respectively. Both of these soil samples also had Naphthalene concentrations above MTCA Method A of 21,000 ppm and 8,500 ppm, respectively.

- All other volatile organic compounds (VOCs) within the same soil samples from depths of 55 and 60 feet bgs in boring CB-1 were below MTCA Method A regulatory levels.

3.4 CONCLUSIONS

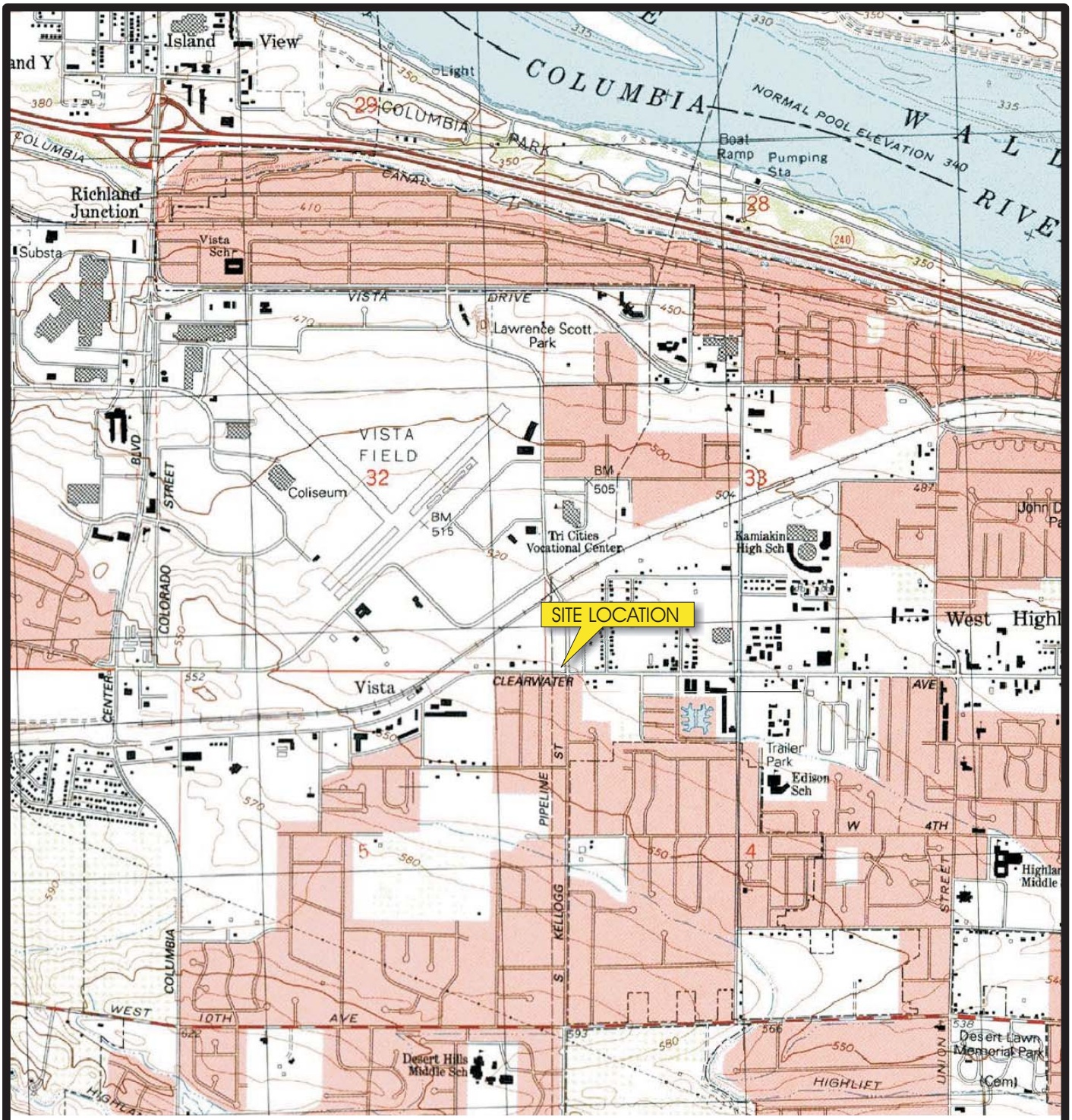
Although two of the soil samples collected from confirmation boring CB-1 specifically contained TPH and Naphthalene above regulatory thresholds, Blaes Environmental does not consider these analytes at 55 and 60 feet bgs in boring CB-1 to be a risk to either surficial potential receptors or groundwater at the site. Further, both TPH and Naphthalene are long-chain hydrocarbons that are likely to remain residual in place at the same depths through time and undergo natural degradation

Blaes Environmental believes that the laboratory data from the confirmation soil boring program demonstrates that the past vapor extraction remediation efforts at the site had successfully reduced the petroleum hydrocarbon VOC concentrations down to acceptable levels in both soil confirmation boring locations. Blaes Environmental, on behalf of Circle K, now requests that Washington Department of Environmental Quality (WDOE) close the petroleum hydrocarbon release cases at the site and allow well abandonment and site restoration to be conducted at the property.

4.0 REFERENCES

Lasmanis, Raymond, 1991, The geology of Washington: Rocks and Minerals, v. 66, no. 4, p. 262-277. © Copyright Heldref Publications (Helen Dwight Reid Educational Foundation).

FIGURES



Source: MapTech Terrain Navigator Kennewick Quadrangle, 7.5 Minute Topographic Series, 1992

QUADRANGLE LOCATION

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

0 1000 2000 3000 4000

Contour Interval = 10 feet

SITE LOCATION: T9N, R29E, Section 32
46° 12′ 46.72″ North Latitude; 119° 12′ 06.14″ West Longitude

Blaes ENVIRONMENTAL

Couche-Tard Circle K Stores, Inc.

Circle K Store #2706049
6006 West Clearwater Ave.
Kennewick, WA

SITE LOCATION MAP

April 2013	Project #202-06049-02	Figure 1

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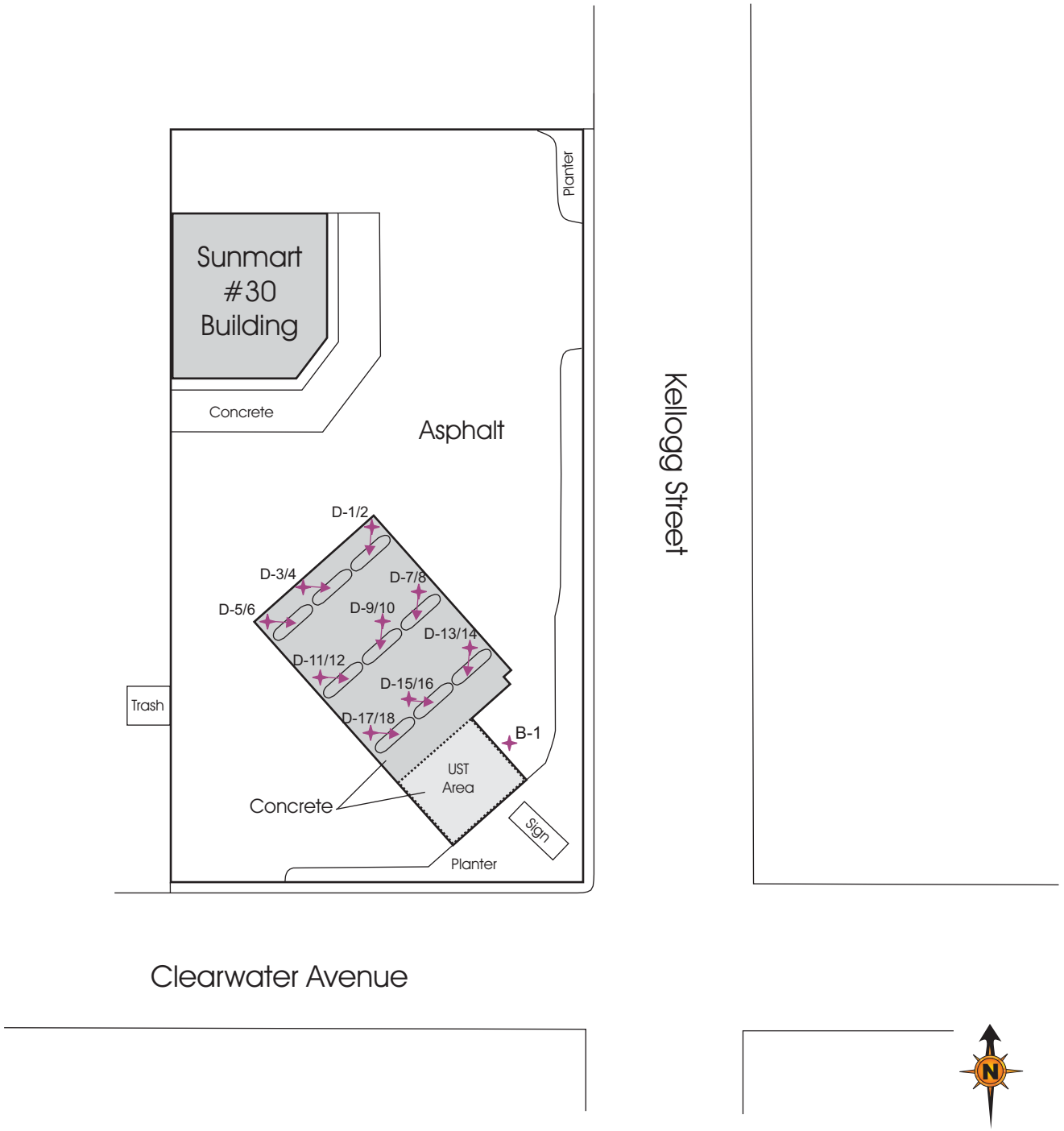

Legend

B-1 Approximate location of Soil Boring & ID

D-1/2 Approximate location of Angled Soil Boring & ID

Blaes ENVIRONMENTAL

Couche-Tard Circle K Stores, Inc.

Sunmart #30
6006 West Clearwater Avenue
Kennewick, Washington

SITE PLAN

September 2012 | Project #201-00001-30

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Figure 2

Approximate Scale
1 inch = 60 feet

0 30 60 120

Legend

MW-1 Approximate Location of Groundwater Monitoring Well

VE-2 Approximate Location of Vapor Extraction Well

Blaes ENVIRONMENTAL

Couche-Tard Circle K Stores, Inc.

Circle K Store #2706049
(Former Sunmart #30)
6006 West Clearwater Avenue
Kennewick, Washington

EXISTING WELLS

2023 | Project #202-06049-07

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Figure 3

Approximate Scale
1 inch = 60 feet

0 30 60 120

Legend

- Approximate Location of Confirmation Soil Boring Location
- MW-1 Approximate Location of Groundwater Monitoring Well
- VE-2 Approximate Location of Vapor Extraction Well

Blaes ENVIRONMENTAL

Couche-Tard
Circle K Stores, Inc.

Circle K Store #2706049
(Former Sunmart #30)
6006 West Clearwater Avenue
Kennewick, Washington

CONFIRMATION BORING LOCATIONS

2023 | Project #202-06049-07

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Figure 4

TABLE

TABLE 1

SUMMARY OF SOIL SAMPLE LABORATORY ANALYTICAL RESULTS

Circle K Store #2706049 (former Sunmart #30)
6006 West Clearwater Avenue
Kennewick, Washington

Sample ID	Date Collected	NWTPH-GX (mg/Kg)	NWTPH-DX (C10-C24) (mg/Kg)	NWTPH-O (>C24-C36) (mg/Kg)	Arsenic (mg/Kg)	Lead (mg/Kg)	EPA Method 8260											
							Benzene (ug/Kg)	Toluene (ug/Kg)	Ethyl-benzene (ug/Kg)	M&P-Xylenes (ug/Kg)	o-Xylenes (ug/Kg)	MTBE (ug/Kg)	EDB (ug/Kg)	EDC (ug/Kg)	Naph (ug/Kg)	Isoprop (ug/Kg)	1,2,4-TMB (ug/Kg)	1,3,5-TMB (ug/Kg)	Other VOCs (ug/Kg)
B1-20'	8/23/2012	<3.3	<26	<51	NA	NA	<0.91	<1.8	<0.91	<1.8	<0.91	<0.91	<0.91	NA	<4.6	<1.8	<1.8	<4.6	None
B1-35'	8/23/2012	**73**	<26	<53	NA	NA	<17	<42	<42	**130**	**130**	<42	<42	NA	**680**	<42	**4200**	**1100**	**4-isopropyltoluene: 35 n-Butylbenzene: 200**
B1-40'	8/23/2012	**560**	**250**	<58	NA	NA	<16	<41	<41	**110**	**77**	<41	<41	MA	**15000**	<41	**4300**	**830**	**4-isopropyltoluene: 84 n-Butylbenzene: 1000 N-Propylbenzene: 47 sec-Butylbenzeme: 61**
B1-45'	8/23/2012	**460**	**270**	<49	NA	NA	<14	<36	<36	**76**	**66**	<36	<36	NA	**17000**	<36	**1900**	**420**	**4-isopropyltoluene: 39 n-Butylbenzene: 1300**
B1-55'	8/24/2012	NA	**1400**	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B1-60'	8/24/2012	**1500**	**340**	<51	NA	NA	<13	<32	**94**	**11000**	**13000**	<32	<32	NA	**29000**	**1300**	**90000**	<32	**4-isopropyltoluene: 820 n-Butylbenzene: 16000 N-Propylbenzene: 3100 sec-Butylbenzeme: 1200**
B1-65'	8/24/2012	**1100**	**350**	<59	NA	NA	<17	<42	**60**	**10000**	**7900**	<42	<42	NA	**29000**	**970**	**71000**	**15000**	**4-isopropyltoluene: 710 n-Butylbenzene: 6700 N-Propylbenzene: 2300 sec-Butylbenzeme: 1000**
B1-70'	8/24/2012	**130**	<26	<53	NA	NA	<15	<37	<37	**540**	**460**	<37	<37	NA	**2800**	**60**	**5200**	**1600**	**4-isopropyltoluene: 61 n-Butylbenzene: 1200 N-Propylbenzene: 160 sec-Butylbenzeme: 96**
B2-10'	7/11/2013	<3.8	<25	<49	NA	NA	<0.98	<2.0	<0.98	**7.2**	**3.2**	<0.98	<0.98	<0.98	<4.9	<2.0	<2.0	<4.9	None
B2-15'	7/11/2013	**5.5**	<24	<48	NA	NA	<0.85	<1.7	<0.85	**8.2**	**3.3**	<0.85	<0.85	<0.85	**7.9**	<1.7	<1.7	<4.3	None
B2-20'	7/11/2013	**4.9**	<26	<51	NA	NA	<0.83	<1.9	<0.93	**11**	**4.7**	<0.93	<0.93	<0.93	**17**	<1.9	<1.9	<4.7	None
B3-10'	7/12/2013	**2000**	**450**	<51	NA	NA	<290	<730	**1800**	**120000**	**70000**	<730	<730	<290	**12000**	**3100**	**140000**	**46000**	None
B3-15'	7/12/2013	**350**	**120**	<50	NA	NA	<15	<38	**110**	**7000**	**5300**	<38	<38	<15	**4000**	**230**	**21000**	**6200**	**N-Butylbenzene: 8800 1,2,3-Trichloropropane: 220**
B3-20'	7/12/2013	**150**	**91**	<50	NA	NA	<0.86	**2.4**	**5.9**	**1000**	**820**	<0.86	<0.86	<0.86	**3800**	<20	**4800**	**1400**	**4-isopropyltoluene: 35 n-Butylbenzene: 3200 N-Propylbenzene: 55 sec-Butylbenzeme: 31**
B3-25'	7/12/2013	**2100**	**1100**	<49	NA	NA	<280	<690	**870**	**45000**	**30000**	<690	<690	<280	**23000**	**2300**	**180000**	**42000**	**4-isopropyltoluene: 1100 n-Butylbenzene: 57000 N-Propylbenzene: 8700 sec-Butylbenzene: 1600**
B3-30'	7/12/2013	**2200**	**420**	<50	NA	NA	<220	<550	**940**	**97000**	**58000**	<550	<550	<220	**15000**	**2900**	**190000**	**54000**	**4-isopropyltoluene: 1200 n-Butylbenzene: 46000 N-Propylbenzene: 6600 sec-Butylbenzene: 1800**
D-7/8	8/23/2012	**25**	**99**	<59	NA	NA	**34**	**500**	**74**	**1500**	NA	<1.2	NA	NA	**520**	NA	**2300**	**970**	**n-Butylbenzene: 390 N-Propylbenzene: 49**

TABLE 1

SUMMARY OF SOIL SAMPLE LABORATORY ANALYTICAL RESULTS

Circle K Store #2706049 (former Sunmart #30)
6006 West Clearwater Avenue
Kennewick, Washington

MW1-68'	9/20/2013	**6.2**	<25	<49	NA	NA	<0.99	<2.0	<0.99	<2.0	<0.99	<0.99	<0.99	<0.99	**56**	<2.0	**2.0**	<4.9	None
MW1-78'	9/20/2013	**500**	**53**	<53	NA	NA	<12	<30	**9100**	**8700**	**3300**	<30	<30	<12	**4400**	**220**	**30000**	**10000**	**4-isopropyltoluene: 370 Methylene Chloride: 73 N-propylbenzene: 340 sec-Butylbenzene: 430**
MW1-88'	9/20/2013	**12**	**33**	<54	NA	NA	<0.78	<1.6	<0.78	**41**	**39**	<0.78	<0.78	<0.78	**49**	<1.6	**180**	**63**	**4-isopropyltoluene: 1.9 N-propylbenzene: 3.8**
MW1-98'	9/20/2013	<3.6	<26	<53	NA	NA	<0.83	<1.7	<0.83	<1.7	<0.83	<0.83	<0.83	<0.83	<4.1	<1.7	**2.4**	<4.1	None
MW1-108'	9/20/2013	<3.1	<26	<52	NA	NA	<0.71	<1.4	<0.71	<1.4	<0.71	<0.71	<0.71	<0.71	<3.6	<1.4	<3.6	<3.6	None
MW1-118'	9/20/2013	<4.0	<30	<60	NA	NA	<0.96	<1.9	<0.96	<1.9	<0.96	<0.96	<0.96	<0.96	<4.8	<1.9	<1.9	<4.8	None
MW1-128'	9/20/2013	<3.4	<29	<57	NA	NA	<0.80	<1.6	<0.80	<1.6	<0.80	<0.80	<0.80	<0.80	<4.0	<1.6	<1.6	<4.0	None
MW1-148'	9/20/2013	<3.2	<26	<52	NA	NA	<0.79	<1.6	<0.79	<1.6	<0.79	<0.79	<0.79	<0.79	<3.9	<1.6	<1.6	<3.9	None
VE-3 15'	6/1/2016	<16	NA	NA	NA	NA	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<0.90	<0.90	<9.0	<1.8	<1.8	<4.5	None
VE-3 25'	6/1/2016	<17	NA	NA	NA	NA	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<0.91	<0.91	<9.1	<1.8	<1.8	<4.6	None
VE-3 35'	6/1/2016	<4	NA	NA	NA	NA	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<0.87	<0.87	<8.7	<1.7	<1.7	<4.3	None
VE-3 45'	6/1/2016	<10	NA	NA	NA	NA	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<1.1	<1.1	<11	<2.2	<2.2	<5.5	None
VE-4 15'	6/2/2016	<5.3	NA	NA	NA	NA	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1	<1.1	<1.1	<11	<2.1	<2.1	<5.3	None
VE-4 25'	6/2/2016	<4.9	NA	NA	NA	NA	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<0.86	<0.86	<8.6	<1.7	<1.7	<4.3	None
VE-4 35'	6/2/2016	<5.6	NA	NA	NA	NA	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<0.88	<0.88	<8.8	<1.8	<1.8	<4.4	None
VE-4 45'	6/2/2016	<5.4	NA	NA	NA	NA	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<0.95	<0.95	<9,5	<1.9	<1.9	<4.8	None

TABLE 1

SUMMARY OF SOIL SAMPLE LABORATORY ANALYTICAL RESULTS

Circle K Store #2706049 (former Sunmart #30)
6006 West Clearwater Avenue
Kennewick, Washington

MW2-48'	9/24/2013	<3.8	<26	<52	NA	**1.5**	<1.3	<2.5	<1.3	<2.5	<1.3	<1.3	<1.3	<1.3	<6.3	<2.5	<2.5	<6.3	<1.3 - <19
MW2-68'	9/24/2013	<5.7	<27	<53	NA	NA	<1.1	<2.1	<1.1	<2.1	<1.1	<1.1	<1.1	<1.1	<5.3	<2.1	<2.1	<5.3	<1.1 - <16
MW2-78'	9/24/2013	<4.4	<27	<53	NA	NA	<0.93	<1.9	<0.93	<1.9	<0.93	<0.93	<0.93	<0.93	<4.7	<1.9	<1.9	<4.7	<0.93 - <14
MW2-88'	9/24/2013	<4.5	<27	<54	NA	**2.7**	<1.2	<2.3	<1.2	<2.3	<1.2	<1.2	<1.2	<1.2	<5.8	<2.3	<2.3	<5.8	<1.2 - <17
MW2-98'	9/25/2013	<3.6	<26	<52	NA	NA	<0.90	<1.8	<0.90	<1.8	<0.90	<0.90	<0.90	<0.90	<4.5	<1.8	<1.8	<4.5	<0.90 - <13
MW2-108'	9/25/2013	<3.2	<27	<54	NA	NA	<1.1	<2.3	<1.1	<2.3	<1.1	<1.1	<1.1	<1.1	<5.7	<2.3	<2.3	<5.7	<1.1 - <17
MW2-118'	9/25/2013	<4.8	<29	<58	NA	NA	<1.4	<2.9	<1.4	<2.9	<1.4	<1.4	<1.4	<1.4	<7.2	<2.9	<2.9	<7.2	<1.4 - <22
MW2-128'	9/25/2013	<4.0	<26	<53	NA	**1.3**	<0.89	<1.8	<0.89	<1.8	<0.89	<0.89	<0.89	<0.89	<4.5	<1.8	<1.8	<4.5	<0.89 - <13
CB1-10'	4/11/2023	<3.5	<50	<50	**2.1**	**2.6**	<18	<53	<35	<35	<35	<35	<0.051	<18	<130	<35	<35	<35	<5 - <220
CB1-15	4/11/2023	<3.1	<47	<47	**1.5**	**1.7**	<15	<46	<31	<31	<31	<31	<0.047	<15	<110	<31	<31	<31	<5.1 - <90
CB1-20	4/11/2023	<3.8	<53	<53	**1.9**	**3.1**	<19	<56	<38	<38	<38	<38	<0.051	<19	<140	<38	<38	<38	<5.8 - <230
CB1-25	4/11/2023	<3.2	<51	<51	**3.0**	**3.6**	<16	<49	<32	<32	<32	<32	<0.052	<16	<120	<32	<32	<32	<5.2 - <200
CB1-30	4/11/2023	**44**	<50	<50	**2.4**	**4.8**	<19	<56	<37	<37	<37	<37	<0.052	<19	<140	<37	**66**	**110**	<5.1 - <230
CB1-35	4/11/2023	<3.3	<47	<47	**1.5**	**2.6**	<16	<49	<33	<33	<33	<33	<0.048	<16	<120	<33	<33	<33	<5.2 - <200
CB1-40	4/11/2023	**14**	**300**	<52	**2.5**	**4.9**	<21	<64	<42	<42	<42	<42	<0.049	<21	<160	<42	<42	<42	<4.8 - <270
CB1-45	4/11/2023	**28**	**62**	<48	NA	NA	<19	<57	<38	<38	<38	<38	<0.052	<19	<140	<38	**70**	<38	<4.8 - <240
CB1-50	4/11/2023	**24**	<48	<48	**2.0**	**7.3**	<21	<64	<43	<43	<43	<43	<0.050	<21	<160	<43	<43	<43	<38 - <270
CB1-55	4/11/2023	**1,500**	**550**	<50	NA	NA	<19	<58	<39	**630**	**950**	<39	<0.048	<19	**21,000**	**47**	**41,000**	**14,000**	See lab Report
CB1-60	4/11/2023	**270**	**390**	<50	**2.3**	**4.8**	<19	<58	<38	<38	<38	<38	<0.049	<19	**8,500**	<38	**1,800**	**340**	<5.2 - <240
CB1-65	4/11/2023	**9.6**	**160**	<49	NA	NA	<19	<58	<39	<39	<39	<39	<0.052	<19	<150	<39	**39**	**39**	<19 - <240
CB1-70	4/11/2023	**6.4**	<52	<52	**1.6**	**3.3**	<19	<57	<38	<38	<38	<38	<0.050	<19	<140	<38	<38	<38	<5.2 - <240
CB1-75	4/11/2023	**14**	<48	<48	NA	NA	<20	<60	<40	<40	<40	<40	<0.052	<20	<150	<40	<40	<40	<20 - <250
CB1-80	4/11/2023	**12**	<52	<52	**2.1**	**4.0**	<18	<54	<36	<36	<36	<36	<0.051	<18	<130	<36	<36	<36	<4.9 - <220
CB2-10'	4/11/2023	**14**	<49	<49	**3.0**	**4.2**	<21	<63	<42	<42	<42	<42	<0.051	<21	<160	<42	<42	<42	<4.2 - <260
CB2-15	4/11/2023	**11**	<49	<49	**1.8**	**2.4**	<19	<58	<39	<39	<39	<39	<0.049	<19	<140	<39	<39	<39	<5.1- <240
CB2-20	4/11/2023	<3.1	<50	<50	**1.2**	**2.0**	<16	<47	<31	<31	<31	<31	<0.051	<16	<120	<31	<31	<31	<4.7 - <200
CB2-25	4/11/2023	<3.4	<48	**96**	**2.0**	**3.0**	<17	<50	<34	<34	<34	<34	<0.049	<17	<130	<34	<34	<34	<5 - <240
CB2-30	4/11/2023	<3.2	<49	<49	**1.8**	**2.6**	<16	<48	<32	<32	<32	<32	<0.047	<16	<120	<32	<32	<32	<4.9 - <200
CB2-32	4/11/2023	**11**	**62**	<51	**1.8**	**3.3**	<18	<54	<36	<36	<36	<36	<0.048	<18	**130**	<36	<36	<36	<4.9 - <200
MTCA A Cleanup Standards		**100**	**2,000**	**2,000**	**20**	**250**	**30**	**7,000**	**6,000**	**9,000**		**100**	**5**	**NA**	**5,000**	**NA**	**NA**	**NA**	**VARIOUS**

Notes:

EPA	U.S. Environmental Protection Agency
mg/Kg	milligrams per killograms (parts per million)
ug/Kg	micrograms per killograms (parts per billion)
NWTPH-Gx	Northwest Total Petroleum Hydrocarbons - Gasoline Range
NWTPH-Dx	Northwest Total Petroleum Hydrocarbons - Diesel Range
MTBE	Methyl-tert-butyl Ether
EDB	Ethylene Dibromide
EDC	Ethylene Dichloride
Naph	Naphthanlene
Isoprop	Isopropylbenzene
TMB	trimethylbenzene
VOCs	Volatile Organic Compounds
MTCA	Model Toxics Control Act
BOLD	Concentration exceeds laboratory reporting limit or method detection limit
RED	Concentration exceeds applicable MTCA Cleanup Standard
NA	Not Analyzed
ND	Not Detected above reporting limit
<	Not detected above given value

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 #2706049 KENNEWICK WA
Date: 4/11/23-4/12/23 Project Number: 202-6049 Task No.:
Type of Work: CONFIRMATION SOIL BORINGS
Scope of Work:

Personnel Working On Site

Name	Company	Activity
DAN BLAES	BLAES	SAMPLING / OVERSIGHT
MIKE ANDERSON	YELLOW JACKET	DRILLING / SAMPLING
YJD CREW	YELLOW JACKET	" / "

Sub-Contractors	Phone No.	Purpose

Description of Activities:

4/10/23 MOB TO SITE

4/11/23 6:30-7:00 HASP MEETING ON SITE WITH YJD
7:00-8:00 SETUP FOR DRILLING CONFIRMATION BORING B-2 NEAR CENTER DISPENSER ON EAST SIDE OF CANOPY.
TARGET DEPTH OF 35' BGS
EOD BORING 11:20 am
CLEANUP AREA

1:00 pm START SETUP CB-1 NEAR UST ZONE EAST SIDE
1:10 Start Drilling
4:40 STOP DRILLING CB-1 AT 50' BGS
5:00 CLEANUP / WASTE INTO DRUMS

4/12/23 7:00-7:10 HASP MEETING
7:10 START DRILLING AGAIN CB-1 AT 50'
10:30 STOP DRILLING AFTER HYDRATING BENTONITE - TOTAL DEPTH 80' BGS.
11:30 SITE CLEANUP / WASTE DRUMS
4 SOIL DRUMS LEFT ON SITE BEHIND BUILDING
DRIVER TO LAB
2:30 3:00 TURN IN KEYS TO EUREKA'S FIFE, WA

Notes Completed By:

APPENDIX B

LITHOLOGIC LOGS
BORINGS CB-1 AND CB-2

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

BORING NUMBER CB1

CLIENT Circle K Stores, Inc. **PROJECT NAME** Circle K#6049

PROJECT NUMBER 202-6049-07 **PROJECT LOCATION** 6006 West Clearwater Ave, Kennewick, WA

DATE STARTED 4/11/23 **COMPLETED** 4/12/23 **GROUND ELEVATION** _____ **HOLE DIAMETER** 8 inches

DRILLING CONTRACTOR Yellow Jacket Drilling **GROUND WATER LEVEL (ft. bgs):** _____

DRILLING METHOD Sonic **DATE/TIME** _____

DRILL RIG MODEL Sonic T150 **DRILLERS NAME** Mike Anderson **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	Concrete (0' to 1')
							Sand, Gravel, Silt mixture	
10	13:14	CC CB1-10			0.2		10.0 (SW) Sand; Silty, fine grained, with gravel, brown, dry, loose, to slightly dense, no odor	
	13:30	CC CB1-15			0.1		(SW) Sand; fine grained, loose with gravel, brown, dense, dry, no odor	
20	13:44	CC CB1-20			0.1			
	14:01	CC CB1-25			0.1		(SW) Sand; silty, fine to medium grained with gravel and cobbles, well graded, loose, gray, dry, no odor	
30	14:22	CC CB1-30			0.2		29.0 (GW) Sand; fine to medium grained, with gravel and cobbles, loose, gray, dry, no odor	Hydrated Bentonite (1' to 80')
	15:00	CC CB1-35			0.1		35.0 (SW) Sand; silty, fine to coarse grained, loose with gravel, dry, gray, no odor	
40	15:47	CB1-40		100	0.1		(SW) Sand; fine grained with gravel and cobbles, loose, brown to gray, dry, no odor	
	16:07	CC CB1-45			1.5		(SW) Sand; fine to coarse grained, well graded with gravel, gray, loose, dry, no odor	
50	14:29	CC CB1-50			0.5		50.0	

(Continued Next Page)

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

BORING NUMBER CB1

CLIENT Circle K Stores, Inc. **PROJECT NAME** Circle K#6049

PROJECT NUMBER 202-6049-07 **PROJECT LOCATION** 6006 West Clearwater Ave, Kennewick, WA

DEPTH (ft)	TIME	SAMPLE TYPE / SAMPLE ID	BLOW COUNTS (N VALUE)	RECOVERY %	PID RESPONSE (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
	07:14	CC CB1-55			103.0		(SP) Sand; medium grained, poorly graded, liht brown, loose, dry, no odor	Hydrated Bentonite (1' to 80')
							(SP) Sand; medium grained, poorly graded, loose, brown, dry, slight hydrocarbon odor	
60	07:22	CC CB1-60			30.2		60.0	
							(SW) Sand; fine to medium grained with gravel and cobbles, gray, loose, dry, very slight odor	
	08:00	CC CB1-65			7.6		64.0 (GW) Sand; silty, fine to coarse grained with gravel and cobbles, gray, dry, loose, no odor	
70	08:25	CC CB1-70			2.6		69.0 (SW) Sand; fine to medium grained, some small gravel, loose, gray, dry, no odor	
	08:54	CC CB1-75			106.0		74.0 (GW) Sand; fine to coarse grained with gravel and cobbles, dense, dry, gray, no odor	
80	09:25	CC CB1-80			3.1		78.0 (SW) Sand; silt with gravel and cobbles, loose, well graded, dry, gray, no odor	
							80.0 Bottom of borehole at 80.0 feet.	

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

BORING NUMBER CB2

CLIENT Circle K Stores, Inc. **PROJECT NAME** Circle K#6049

PROJECT NUMBER 202-6049-07 **PROJECT LOCATION** 6006 West Clearwater Ave, Kennewick, WA

DATE STARTED 4/11/23 **COMPLETED** 4/11/23 **GROUND ELEVATION** _____ **HOLE DIAMETER** 8 inches

DRILLING CONTRACTOR Yellow Jacket Drilling **GROUND WATER LEVEL (ft. bgs):** _____

DRILLING METHOD Sonic **DATE/TIME** _____

DRILL RIG MODEL Sonic T150 **DRILLERS NAME** Mike Anderson **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	Concrete (0' to 1')
10	08:15	CC CB2-10			0.1		(SW) Sand; silty, fine to coarse grained with gravel, loose, brown, dry, no odor	
15	08:26	CC CB2-15		100	0.3		(SW) Sand; fine grained wth gravel, loose, gray, dry, no odor	Hydrated Bentonite (1' to 35')
20	08:45	CC CB2-20			0.2		(SW) Sand; fine to medium grained with gravel, loose, dry, no odor	
25	09:20	CC CB2-25			0.1		(SW) Sand; fine grained with gravel and cobbles, loose, gray, dry, no odor	
30	10:02	CC CB2-30			0.2		(SW) Sand; silty, fine grained with gravel and cobbles, loose, gray, dry, no odor	
35	11:10	CC CB2-35			1.2	35.0	(SW) Sand; fine to coarse grained, well graded, with cobbles and gravel, loose, gray, dry, no odor	
							Bottom of borehole at 35.0 feet.	

APPENDIX C

LABORATORY REPORTS

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Dan Blaes
Blaes Environmental Inc.
45 E Monterey Way
Suite 200
Phoenix, Arizona 85012

Generated 5/3/2023 10:12:24 PM

JOB DESCRIPTION

Circle K # 6049
SDG NUMBER 2706049 Kennewick, WA

JOB NUMBER

580-125936-1

Eurofins Seattle
5755 8th Street East
Tacoma WA 98424

See page two for job notes and contact information.

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization

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Authorized for release by
Tracy Dutton, Client Relations Manager
Tracy.Dutton@et.eurofinsus.com
Designee for
Katie Grant, Project Manager I
Katie.Grant@et.eurofinsus.com
(253)922-2310

Table of Contents

Job ID: 580-125936-1

Laboratory: Eurofins Seattle

Narrative

CASE NARRATIVE

Client: Blaes Environmental Inc.
Project: Circle K # 6049
Report Number: 580-125936-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) resulting from a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are an unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes within the calibration range of the instrument or that reduces the interferences thereby enabling the quantification of target analytes.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 04/12/2023; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 5.8 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples CB-1 10' (580-125936-1), CB-1 15' (580-125936-2), CB-1 20' (580-125936-3), CB-1 25' (580-125936-4), CB-1 30' (580-125936-5), CB-1 35' (580-125936-6), CB-1 40' (580-125936-7), CB-1 45' (580-125936-8), CB-1 50' (580-125936-9), CB-1 55' (580-125936-10), CB-1 60' (580-125936-11), CB-1 65' (580-125936-12), CB-1 70' (580-125936-13), CB-1 75' (580-125936-14) and CB-1 80' (580-125936-15) were analyzed for volatile organic compounds (GC-MS) in accordance with 8260D. The samples were prepared on 04/14/2023 and analyzed on 04/14/2023, 04/15/2023, 04/18/2023 and 04/19/2023.

The following samples were analyzed at reduced volume due to high concentrations of target analytes: CB-1 55' (580-125936-10) and CB-1 60' (580-125936-11). The calculation was performed using an initial volume adjustment rather than a dilution factor. The reporting limits have been elevated by the appropriate factor.

Surrogate recovery for the following samples were outside control limits: CB-1 60' (580-125936-11), CB-1 65' (580-125936-12), CB-1 70' (580-125936-13) and CB-1 80' (580-125936-15). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

The CCV for preparation batch 580-423288 and analytical batch 580-423301 recovered outside control limits for the following analyte(s): 1,2,3-Trichlorobenzene, Chloroethane, Naphthalene and Trichlorofluoromethane. 1,2,3-Trichlorobenzene, Chloroethane, Naphthalene and Trichlorofluoromethane have been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

The continuing calibration verification (CCV) associated with batch 580-423301 recovered outside acceptance criteria, low biased, for 1,2,4-Trimethylbenzene, 2,2-Dichloropropane and N-Propylbenzene. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Job ID: 580-125936-1 (Continued)

Laboratory: Eurofins Seattle (Continued)

Surrogate recovery for the following samples were outside control limits: CB-1 10' (580-125936-1), CB-1 15' (580-125936-2), CB-1 20' (580-125936-3), CB-1 35' (580-125936-6), CB-1 65' (580-125936-12), CB-1 70' (580-125936-13), CB-1 75' (580-125936-14), CB-1 80' (580-125936-15) and (LCSD 580-423288/3-A) in analytical batch 423607 . Initial analysis was performed acceptable results. Reanalysis reported for analytes that are not reportable from initial run.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 580-423288 and analytical batch 580-423607 recovered outside control limits for the following analytes: Naphthalene.

The following analyte(s) recovered outside control limits for preparation batch 580-423288 and analytical batch 580-423607: N-Propylbenzene. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep

Method 5035: The following samples were provided to the laboratory with a significantly different initial weight than that required by the reference method: CB-1 10' (580-125936-1), CB-1 15' (580-125936-2), CB-1 25' (580-125936-4), CB-1 35' (580-125936-6) and CB-1 80' (580-125936-15). Deviations in the weight by more than 20% may affect reporting limits and potentially method performance. The method specifies 10g. The amount provided was above this range.

GASOLINE RANGE ORGANICS (GRO)

Samples CB-1 10' (580-125936-1), CB-1 15' (580-125936-2), CB-1 20' (580-125936-3), CB-1 25' (580-125936-4), CB-1 30' (580-125936-5), CB-1 35' (580-125936-6), CB-1 40' (580-125936-7), CB-1 45' (580-125936-8), CB-1 50' (580-125936-9), CB-1 55' (580-125936-10), CB-1 60' (580-125936-11), CB-1 65' (580-125936-12), CB-1 70' (580-125936-13), CB-1 75' (580-125936-14) and CB-1 80' (580-125936-15) were analyzed for gasoline range organics (GRO) in accordance with NWTPH-Gx MS. The samples were prepared on 04/14/2023 and analyzed on 04/14/2023, 04/18/2023 and 04/19/2023.

The following sample was analyzed at reduced volume due to high concentrations of target analytes: CB-1 60' (580-125936-11). The calculation was performed using an initial volume adjustment rather than a dilution factor. The reporting limits have been elevated by the appropriate factor.

The continuing calibration verification (CCV) associated with batch 580-423303 recovered above the upper control limit for Gasoline. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: CB-1 20' (580-125936-3), CB-1 25' (580-125936-4) and CB-1 35' (580-125936-6).

The mid CCV recovered above the method limit(25% passing is 20%). This was due to the previous sample being high in the target analyte. Samples were analyzed multiple times with similar results. Opening CCV, LCS, LCSD, and Closing CCV all passed within method limits therefore data is being reported.
CB-1 20' (580-125936-3), CB-1 25' (580-125936-4), CB-1 30' (580-125936-5), CB-1 35' (580-125936-6), CB-1 40' (580-125936-7), CB-1 45' (580-125936-8), CB-1 60' (580-125936-11), CB-1 65' (580-125936-12), CB-1 70' (580-125936-13), CB-1 75' (580-125936-14), CB-1 80' (580-125936-15) and (CCV 580-423609/23)

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

SEMIVOLATILE ORGANIC COMPOUNDS - SELECTED ION MODE (SIM)

Samples CB-1 10' (580-125936-1), CB-1 15' (580-125936-2), CB-1 20' (580-125936-3), CB-1 25' (580-125936-4), CB-1 30' (580-125936-5), CB-1 35' (580-125936-6), CB-1 40' (580-125936-7), CB-1 50' (580-125936-9), CB-1 60' (580-125936-11), CB-1 70' (580-125936-13) and CB-1 80' (580-125936-15) were analyzed for semivolatile organic compounds - Selected Ion Mode (SIM) in accordance with 8270E SIM. The samples were prepared on 04/13/2023 and analyzed on 04/20/2023, 04/21/2023 and 05/02/2023.

The following sample was diluted to bring the concentration of target analytes within the calibration range: CB-1 60' (580-125936-11). Elevated reporting limits (RLs) are provided.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Job ID: 580-125936-1 (Continued)

Laboratory: Eurofins Seattle (Continued)

1,2-DIBROMOETHANE AND 1,2-DIBROMO-3-CHLOROPROPANE BY MICROEXTRACTION AND GAS CHROMATOGRAPHY

Samples CB-1 10' (580-125936-1), CB-1 15' (580-125936-2), CB-1 20' (580-125936-3), CB-1 25' (580-125936-4), CB-1 30' (580-125936-5), CB-1 35' (580-125936-6), CB-1 40' (580-125936-7), CB-1 45' (580-125936-8), CB-1 50' (580-125936-9), CB-1 55' (580-125936-10), CB-1 60' (580-125936-11), CB-1 65' (580-125936-12), CB-1 70' (580-125936-13), CB-1 75' (580-125936-14) and CB-1 80' (580-125936-15) were analyzed for 1,2-dibromoethane and 1,2-dibromo-3-chloropropane by microextraction and gas chromatography in accordance with EPA SW-846 Method 8011. The samples were prepared on 04/17/2023 and analyzed on 04/19/2023.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

Method 8011: The following samples formed emulsions during the extraction procedure: CB-1 10' (580-125936-1), CB-1 15' (580-125936-2), CB-1 20' (580-125936-3), CB-1 25' (580-125936-4), CB-1 30' (580-125936-5), CB-1 35' (580-125936-6), CB-1 40' (580-125936-7), CB-1 45' (580-125936-8), CB-1 50' (580-125936-9), CB-1 55' (580-125936-10), CB-1 60' (580-125936-11), CB-1 65' (580-125936-12), CB-1 70' (580-125936-13), CB-1 75' (580-125936-14), CB-1 80' (580-125936-15), (580-125936-A-1 MS) and (580-125936-A-1 MSD). The emulsions were broken up using centrifuge.

DIESEL AND EXTENDED RANGE ORGANICS

Samples CB-1 10' (580-125936-1), CB-1 15' (580-125936-2), CB-1 20' (580-125936-3), CB-1 25' (580-125936-4), CB-1 30' (580-125936-5), CB-1 35' (580-125936-6), CB-1 40' (580-125936-7), CB-1 45' (580-125936-8), CB-1 50' (580-125936-9), CB-1 55' (580-125936-10), CB-1 60' (580-125936-11), CB-1 65' (580-125936-12), CB-1 70' (580-125936-13), CB-1 75' (580-125936-14) and CB-1 80' (580-125936-15) were analyzed for diesel and extended range organics in accordance with Method NWTPH-Dx. The samples were prepared on 04/19/2023 and analyzed on 04/22/2023 and 04/25/2023.

The continuing calibration verification (CCV) associated with batch 580-423886 recovered above the upper control limit for #2 Diesel (C10-C24). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: CB-1 10' (580-125936-1), CB-1 15' (580-125936-2), CB-1 20' (580-125936-3), CB-1 25' (580-125936-4), CB-1 30' (580-125936-5), CB-1 35' (580-125936-6), (CCV 580-423886/35), (CCV 580-423886/43), (580-125937-A-1-F) and (580-125937-A-1-G DU).

The continuing calibration verification (CCV) associated with batch 580-424006 recovered above the upper control limit for Motor Oil (>C24-C36). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: CB-1 40' (580-125936-7), CB-1 45' (580-125936-8), (CCV 580-424006/50) and (CCV 580-424006/69).

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

METALS (ICPMS)

Samples CB-1 10' (580-125936-1), CB-1 15' (580-125936-2), CB-1 20' (580-125936-3), CB-1 25' (580-125936-4), CB-1 30' (580-125936-5), CB-1 35' (580-125936-6), CB-1 40' (580-125936-7), CB-1 50' (580-125936-9), CB-1 60' (580-125936-11), CB-1 70' (580-125936-13) and CB-1 80' (580-125936-15) were analyzed for metals (ICPMS) in accordance with 6020B. The samples were prepared on 04/14/2023 and analyzed on 04/17/2023.

Samples CB-1 10' (580-125936-1)[10X], CB-1 15' (580-125936-2)[10X], CB-1 20' (580-125936-3)[10X], CB-1 25' (580-125936-4)[10X], CB-1 30' (580-125936-5)[10X], CB-1 35' (580-125936-6)[10X], CB-1 40' (580-125936-7)[10X], CB-1 50' (580-125936-9)[10X], CB-1 60' (580-125936-11)[10X], CB-1 70' (580-125936-13)[10X] and CB-1 80' (580-125936-15)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

PERCENT SOLIDS

Samples CB-1 10' (580-125936-1), CB-1 15' (580-125936-2), CB-1 20' (580-125936-3), CB-1 25' (580-125936-4), CB-1 30' (580-125936-5), CB-1 35' (580-125936-6), CB-1 40' (580-125936-7), CB-1 45' (580-125936-8), CB-1 50' (580-125936-9), CB-1 55' (580-125936-10), CB-1 60' (580-125936-11), CB-1 65' (580-125936-12), CB-1 70' (580-125936-13), CB-1 75' (580-125936-14) and

Job ID: 580-125936-1 (Continued)

Laboratory: Eurofins Seattle (Continued)

CB-1 80' (580-125936-15) were analyzed for percent solids in accordance with ASTM D2216. The samples were analyzed on 04/13/2023 and 04/17/2023.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Definitions/Glossary

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 10'
Date Collected: 04/11/23 13:14
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-1
Matrix: Solid
Percent Solids: 95.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		18		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
1,1,1-Trichloroethane	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
1,1,2,2-Tetrachloroethane	ND		18		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
1,1,2-Trichloroethane	ND		18		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
1,1-Dichloroethane	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
1,1-Dichloroethene	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
1,1-Dichloropropene	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
1,2,3-Trichlorobenzene	ND		70		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
1,2,3-Trichloropropane	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
1,2,4-Trichlorobenzene	ND		70		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
1,2,4-Trimethylbenzene	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
1,2-Dibromo-3-Chloropropane	ND		53		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
1,2-Dichlorobenzene	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
EDC	ND		18		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
1,2-Dichloropropane	ND		18		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
1,3,5-Trimethylbenzene	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
1,3-Dichlorobenzene	ND		53		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
1,3-Dichloropropane	ND		53		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
1,4-Dichlorobenzene	ND		53		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
2,2-Dichloropropane	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
2-Chlorotoluene	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
4-Chlorotoluene	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
4-Isopropyltoluene	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Benzene	ND		18		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Bromobenzene	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Bromoform	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Bromomethane	ND		88		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Carbon tetrachloride	ND		18		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Chlorobenzene	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Chlorobromomethane	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Chlorodibromomethane	ND		18		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Chloroethane	ND		70		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Chloroform	ND		18		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Chloromethane	ND		53		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
cis-1,2-Dichloroethene	ND		53		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
cis-1,3-Dichloropropene	ND		18		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Dibromomethane	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Dichlorobromomethane	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Dichlorodifluoromethane	ND		220		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Ethylbenzene	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Hexachlorobutadiene	ND		88		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Isopropylbenzene	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Methyl tert-butyl ether	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Methylene Chloride	ND		220		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
m-Xylene & p-Xylene	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Naphthalene	ND		130		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
n-Butylbenzene	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
N-Propylbenzene	ND	*-	35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
o-Xylene	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1

Client Sample ID: CB-1 10'

Date Collected: 04/11/23 13:14
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-1

Matrix: Solid
Percent Solids: 95.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Styrene	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
tert-Butylbenzene	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Tetrachloroethene	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Toluene	ND		53		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
trans-1,2-Dichloroethene	ND		53		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
trans-1,3-Dichloropropene	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Trichloroethene	ND		35		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Trichlorofluoromethane	ND		70		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1
Vinyl chloride	ND		88		ug/Kg	☼	04/14/23 14:16	04/14/23 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*80 - 121*	*04/14/23 14:16*	*04/14/23 18:50*	*1*
4-Bromofluorobenzene (Surr)	*113*		*80 - 120*	*04/14/23 14:16*	*04/14/23 18:50*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*	*04/14/23 14:16*	*04/14/23 18:50*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*	*04/14/23 14:16*	*04/14/23 18:50*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		3.5		mg/Kg	☼	04/14/23 14:16	04/14/23 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*66 - 125*	*04/14/23 14:16*	*04/14/23 18:50*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0		ug/Kg	☼	04/13/23 13:35	04/20/23 21:24	1
2-Methylnaphthalene	ND		5.0		ug/Kg	☼	04/13/23 13:35	04/20/23 21:24	1
1-Methylnaphthalene	ND		5.0		ug/Kg	☼	04/13/23 13:35	04/20/23 21:24	1
Acenaphthylene	ND		5.0		ug/Kg	☼	04/13/23 13:35	04/20/23 21:24	1
Acenaphthene	ND		5.0		ug/Kg	☼	04/13/23 13:35	04/20/23 21:24	1
Fluorene	ND		5.0		ug/Kg	☼	04/13/23 13:35	04/20/23 21:24	1
Phenanthrene	ND		5.0		ug/Kg	☼	04/13/23 13:35	04/20/23 21:24	1
Anthracene	ND		5.0		ug/Kg	☼	04/13/23 13:35	04/20/23 21:24	1
Fluoranthene	ND		5.0		ug/Kg	☼	04/13/23 13:35	04/20/23 21:24	1
Pyrene	ND		5.0		ug/Kg	☼	04/13/23 13:35	04/20/23 21:24	1
Benzo[a]anthracene	ND		5.0		ug/Kg	☼	04/13/23 13:35	04/20/23 21:24	1
Chrysene	ND		5.0		ug/Kg	☼	04/13/23 13:35	04/20/23 21:24	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg	☼	04/13/23 13:35	04/20/23 21:24	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg	☼	04/13/23 13:35	04/20/23 21:24	1
Benzo[a]pyrene	ND		5.0		ug/Kg	☼	04/13/23 13:35	04/20/23 21:24	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg	☼	04/13/23 13:35	04/20/23 21:24	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg	☼	04/13/23 13:35	04/20/23 21:24	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg	☼	04/13/23 13:35	04/20/23 21:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*122*		*57 - 145*	*04/13/23 13:35*	*04/20/23 21:24*	*1*

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.051		ug/Kg	☼	04/17/23 14:30	04/19/23 05:01	1

Client Sample ID: CB-1 10'

Date Collected: 04/11/23 13:14
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-1

Matrix: Solid
Percent Solids: 95.4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane	*92*		*60 - 140*	*04/17/23 14:30*	*04/19/23 05:01*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		50		mg/Kg	☼	04/19/23 14:32	04/22/23 04:21	1
Motor Oil (>C24-C36)	ND		50		mg/Kg	☼	04/19/23 14:32	04/22/23 04:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*86*		*50 - 150*	*04/19/23 14:32*	*04/22/23 04:21*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.1**		0.36		mg/Kg	☼	04/14/23 14:51	04/17/23 18:27	10
Lead	**2.6**		0.36		mg/Kg	☼	04/14/23 14:51	04/17/23 18:27	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**95.4**		0.1		%			04/13/23 18:13	1
Percent Moisture (SM22 2540G)	**4.6**		0.1		%			04/13/23 18:13	1

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 15'
Date Collected: 04/11/23 13:30
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-2
Matrix: Solid
Percent Solids: 97.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		15		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
1,1,1-Trichloroethane	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
1,1,2,2-Tetrachloroethane	ND		15		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
1,1,2-Trichloroethane	ND		15		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
1,1-Dichloroethane	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
1,1-Dichloroethene	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
1,1-Dichloropropene	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
1,2,3-Trichlorobenzene	ND		61		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
1,2,3-Trichloropropane	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
1,2,4-Trichlorobenzene	ND		61		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
1,2,4-Trimethylbenzene	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
1,2-Dibromo-3-Chloropropane	ND		46		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
1,2-Dichlorobenzene	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
EDC	ND		15		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
1,2-Dichloropropane	ND		15		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
1,3,5-Trimethylbenzene	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
1,3-Dichlorobenzene	ND		46		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
1,3-Dichloropropane	ND		46		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
1,4-Dichlorobenzene	ND		46		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
2,2-Dichloropropane	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
2-Chlorotoluene	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
4-Chlorotoluene	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
4-Isopropyltoluene	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Benzene	ND		15		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Bromobenzene	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Bromoform	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Bromomethane	ND		76		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Carbon tetrachloride	ND		15		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Chlorobenzene	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Chlorobromomethane	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Chlorodibromomethane	ND		15		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Chloroethane	ND		61		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Chloroform	ND		15		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Chloromethane	ND		46		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
cis-1,2-Dichloroethene	ND		46		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
cis-1,3-Dichloropropene	ND		15		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Dibromomethane	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Dichlorobromomethane	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Dichlorodifluoromethane	ND		190		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Ethylbenzene	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Hexachlorobutadiene	ND		76		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Isopropylbenzene	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Methyl tert-butyl ether	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Methylene Chloride	ND		190		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
m-Xylene & p-Xylene	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Naphthalene	ND		110		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
n-Butylbenzene	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
N-Propylbenzene	ND	*-	31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
o-Xylene	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1

Client Sample ID: CB-1 15'

Date Collected: 04/11/23 13:30
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-2

Matrix: Solid
Percent Solids: 97.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Styrene	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
tert-Butylbenzene	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Tetrachloroethene	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Toluene	ND		46		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
trans-1,2-Dichloroethene	ND		46		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
trans-1,3-Dichloropropene	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Trichloroethene	ND		31		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Trichlorofluoromethane	ND		61		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1
Vinyl chloride	ND		76		ug/Kg	☼	04/14/23 14:16	04/14/23 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*80 - 121*	*04/14/23 14:16*	*04/14/23 19:14*	*1*
4-Bromofluorobenzene (Surr)	*116*		*80 - 120*	*04/14/23 14:16*	*04/14/23 19:14*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*	*04/14/23 14:16*	*04/14/23 19:14*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*	*04/14/23 14:16*	*04/14/23 19:14*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		3.1		mg/Kg	☼	04/14/23 14:16	04/14/23 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*66 - 125*	*04/14/23 14:16*	*04/14/23 19:14*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 21:43	1
2-Methylnaphthalene	ND		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 21:43	1
1-Methylnaphthalene	ND		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 21:43	1
Acenaphthylene	ND		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 21:43	1
Acenaphthene	ND		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 21:43	1
Fluorene	ND		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 21:43	1
Phenanthrene	ND		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 21:43	1
Anthracene	ND		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 21:43	1
Fluoranthene	ND		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 21:43	1
Pyrene	ND		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 21:43	1
Benzo[a]anthracene	ND		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 21:43	1
Chrysene	ND		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 21:43	1
Benzo[b]fluoranthene	ND		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 21:43	1
Benzo[k]fluoranthene	ND		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 21:43	1
Benzo[a]pyrene	ND		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 21:43	1
Indeno[1,2,3-cd]pyrene	ND		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 21:43	1
Dibenz(a,h)anthracene	ND		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 21:43	1
Benzo[g,h,i]perylene	ND		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 21:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*119*		*57 - 145*	*04/13/23 13:35*	*04/20/23 21:43*	*1*

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.047		ug/Kg	☼	04/17/23 14:30	04/19/23 05:47	1

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 15'

Date Collected: 04/11/23 13:30
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-2

Matrix: Solid
Percent Solids: 97.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane	*94*		*60 - 140*	*04/17/23 14:30*	*04/19/23 05:47*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		47		mg/Kg	☼	04/19/23 14:32	04/22/23 04:41	1
Motor Oil (>C24-C36)	ND		47		mg/Kg	☼	04/19/23 14:32	04/22/23 04:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*89*		*50 - 150*	*04/19/23 14:32*	*04/22/23 04:41*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.5**		0.35		mg/Kg	☼	04/14/23 14:51	04/17/23 19:05	10
Lead	**1.7**		0.35		mg/Kg	☼	04/14/23 14:51	04/17/23 19:05	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**97.7**		0.1		%			04/13/23 18:13	1
Percent Moisture (SM22 2540G)	**2.3**		0.1		%			04/13/23 18:13	1

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 20'
Date Collected: 04/11/23 13:44
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-3
Matrix: Solid
Percent Solids: 94.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
1,1,1-Trichloroethane	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
1,1,2,2-Tetrachloroethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
1,1,2-Trichloroethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
1,1-Dichloroethane	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
1,1-Dichloroethene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
1,1-Dichloropropene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
1,2,3-Trichlorobenzene	ND		75		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
1,2,3-Trichloropropane	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
1,2,4-Trichlorobenzene	ND		75		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
1,2,4-Trimethylbenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
1,2-Dibromo-3-Chloropropane	ND		56		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
1,2-Dichlorobenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
EDC	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
1,2-Dichloropropane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
1,3,5-Trimethylbenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
1,3-Dichlorobenzene	ND		56		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
1,3-Dichloropropane	ND		56		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
1,4-Dichlorobenzene	ND		56		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
2,2-Dichloropropane	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
2-Chlorotoluene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
4-Chlorotoluene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
4-Isopropyltoluene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Benzene	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Bromobenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Bromoform	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Bromomethane	ND		94		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Carbon tetrachloride	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Chlorobenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Chlorobromomethane	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Chlorodibromomethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Chloroethane	ND		75		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Chloroform	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Chloromethane	ND		56		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
cis-1,2-Dichloroethene	ND		56		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
cis-1,3-Dichloropropene	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Dibromomethane	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Dichlorobromomethane	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Dichlorodifluoromethane	ND		230		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Ethylbenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Hexachlorobutadiene	ND		94		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Isopropylbenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Methyl tert-butyl ether	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Methylene Chloride	ND		230		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
m-Xylene & p-Xylene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Naphthalene	ND		140		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
n-Butylbenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
N-Propylbenzene	ND	*-	38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
o-Xylene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1

Client Sample ID: CB-1 20'

Date Collected: 04/11/23 13:44
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-3

Matrix: Solid
Percent Solids: 94.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Styrene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
tert-Butylbenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Tetrachloroethene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Toluene	ND		56		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
trans-1,2-Dichloroethene	ND		56		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
trans-1,3-Dichloropropene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Trichloroethene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Trichlorofluoromethane	ND		75		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1
Vinyl chloride	ND		94		ug/Kg	☼	04/14/23 14:16	04/14/23 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*80 - 121*	*04/14/23 14:16*	*04/14/23 20:02*	*1*
4-Bromofluorobenzene (Surr)	*114*		*80 - 120*	*04/14/23 14:16*	*04/14/23 20:02*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*	*04/14/23 14:16*	*04/14/23 20:02*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*04/14/23 14:16*	*04/14/23 20:02*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		3.8		mg/Kg	☼	04/14/23 14:16	04/14/23 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*66 - 125*	*04/14/23 14:16*	*04/14/23 20:02*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.3		ug/Kg	☼	04/13/23 13:35	04/20/23 22:02	1
2-Methylnaphthalene	ND		5.3		ug/Kg	☼	04/13/23 13:35	04/20/23 22:02	1
1-Methylnaphthalene	ND		5.3		ug/Kg	☼	04/13/23 13:35	04/20/23 22:02	1
Acenaphthylene	ND		5.3		ug/Kg	☼	04/13/23 13:35	04/20/23 22:02	1
Acenaphthene	ND		5.3		ug/Kg	☼	04/13/23 13:35	04/20/23 22:02	1
Fluorene	ND		5.3		ug/Kg	☼	04/13/23 13:35	04/20/23 22:02	1
Phenanthrene	ND		5.3		ug/Kg	☼	04/13/23 13:35	04/20/23 22:02	1
Anthracene	ND		5.3		ug/Kg	☼	04/13/23 13:35	04/20/23 22:02	1
Fluoranthene	ND		5.3		ug/Kg	☼	04/13/23 13:35	04/20/23 22:02	1
Pyrene	ND		5.3		ug/Kg	☼	04/13/23 13:35	04/20/23 22:02	1
Benzo[a]anthracene	ND		5.3		ug/Kg	☼	04/13/23 13:35	04/20/23 22:02	1
Chrysene	ND		5.3		ug/Kg	☼	04/13/23 13:35	04/20/23 22:02	1
Benzo[b]fluoranthene	ND		5.3		ug/Kg	☼	04/13/23 13:35	04/20/23 22:02	1
Benzo[k]fluoranthene	ND		5.3		ug/Kg	☼	04/13/23 13:35	04/20/23 22:02	1
Benzo[a]pyrene	ND		5.3		ug/Kg	☼	04/13/23 13:35	04/20/23 22:02	1
Indeno[1,2,3-cd]pyrene	ND		5.3		ug/Kg	☼	04/13/23 13:35	04/20/23 22:02	1
Dibenz(a,h)anthracene	ND		5.3		ug/Kg	☼	04/13/23 13:35	04/20/23 22:02	1
Benzo[g,h,i]perylene	ND		5.3		ug/Kg	☼	04/13/23 13:35	04/20/23 22:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*121*		*57 - 145*	*04/13/23 13:35*	*04/20/23 22:02*	*1*

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.051		ug/Kg	☼	04/17/23 14:30	04/19/23 06:03	1

Client Sample ID: CB-1 20'

Date Collected: 04/11/23 13:44
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-3

Matrix: Solid
Percent Solids: 94.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane	*83*		*60 - 140*	*04/17/23 14:30*	*04/19/23 06:03*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		53		mg/Kg	☼	04/19/23 14:32	04/22/23 05:02	1
Motor Oil (>C24-C36)	ND		53		mg/Kg	☼	04/19/23 14:32	04/22/23 05:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*86*		*50 - 150*	*04/19/23 14:32*	*04/22/23 05:02*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.9**		0.39		mg/Kg	☼	04/14/23 14:51	04/17/23 19:07	10
Lead	**3.1**		0.39		mg/Kg	☼	04/14/23 14:51	04/17/23 19:07	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**94.6**		0.1		%			04/13/23 18:13	1
Percent Moisture (SM22 2540G)	**5.4**		0.1		%			04/13/23 18:13	1

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 25'
Date Collected: 04/11/23 14:01
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-4
Matrix: Solid
Percent Solids: 95.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		16		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
1,1,1-Trichloroethane	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
1,1,2,2-Tetrachloroethane	ND		16		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
1,1,2-Trichloroethane	ND		16		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
1,1-Dichloroethane	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
1,1-Dichloroethene	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
1,1-Dichloropropene	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
1,2,3-Trichlorobenzene	ND		65		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
1,2,3-Trichloropropane	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
1,2,4-Trichlorobenzene	ND		65		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
1,2,4-Trimethylbenzene	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
1,2-Dibromo-3-Chloropropane	ND		49		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
1,2-Dichlorobenzene	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
EDC	ND		16		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
1,2-Dichloropropane	ND		16		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
1,3,5-Trimethylbenzene	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
1,3-Dichlorobenzene	ND		49		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
1,3-Dichloropropane	ND		49		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
1,4-Dichlorobenzene	ND		49		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
2,2-Dichloropropane	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
2-Chlorotoluene	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
4-Chlorotoluene	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
4-Isopropyltoluene	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Benzene	ND		16		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Bromobenzene	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Bromoform	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Bromomethane	ND		81		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Carbon tetrachloride	ND		16		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Chlorobenzene	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Chlorobromomethane	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Chlorodibromomethane	ND		16		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Chloroethane	ND		65		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Chloroform	ND		16		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Chloromethane	ND		49		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
cis-1,2-Dichloroethene	ND		49		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
cis-1,3-Dichloropropene	ND		16		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Dibromomethane	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Dichlorobromomethane	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Dichlorodifluoromethane	ND		200		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Ethylbenzene	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Hexachlorobutadiene	ND		81		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Isopropylbenzene	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Methyl tert-butyl ether	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Methylene Chloride	ND		200		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
m-Xylene & p-Xylene	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Naphthalene	ND		120		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
n-Butylbenzene	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
N-Propylbenzene	ND	*-	32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
o-Xylene	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1

Client Sample ID: CB-1 25'

Date Collected: 04/11/23 14:01
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-4

Matrix: Solid
Percent Solids: 95.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Styrene	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
tert-Butylbenzene	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Tetrachloroethene	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Toluene	ND		49		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
trans-1,2-Dichloroethene	ND		49		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
trans-1,3-Dichloropropene	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Trichloroethene	ND		32		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Trichlorofluoromethane	ND		65		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1
Vinyl chloride	ND		81		ug/Kg	☼	04/14/23 14:16	04/14/23 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*80 - 121*	*04/14/23 14:16*	*04/14/23 20:26*	*1*
4-Bromofluorobenzene (Surr)	*116*		*80 - 120*	*04/14/23 14:16*	*04/14/23 20:26*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 120*	*04/14/23 14:16*	*04/14/23 20:26*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*	*04/14/23 14:16*	*04/14/23 20:26*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		3.2		mg/Kg	☼	04/14/23 14:16	04/14/23 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*66 - 125*	*04/14/23 14:16*	*04/14/23 20:26*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 22:21	1
2-Methylnaphthalene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 22:21	1
1-Methylnaphthalene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 22:21	1
Acenaphthylene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 22:21	1
Acenaphthene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 22:21	1
Fluorene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 22:21	1
Phenanthrene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 22:21	1
Anthracene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 22:21	1
Fluoranthene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 22:21	1
Pyrene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 22:21	1
Benzo[a]anthracene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 22:21	1
Chrysene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 22:21	1
Benzo[b]fluoranthene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 22:21	1
Benzo[k]fluoranthene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 22:21	1
Benzo[a]pyrene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 22:21	1
Indeno[1,2,3-cd]pyrene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 22:21	1
Dibenz(a,h)anthracene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 22:21	1
Benzo[g,h,i]perylene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*125*		*57 - 145*	*04/13/23 13:35*	*04/20/23 22:21*	*1*

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.052		ug/Kg	☼	04/17/23 14:30	04/19/23 06:18	1

Client Sample ID: CB-1 25'

Date Collected: 04/11/23 14:01
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-4

Matrix: Solid
Percent Solids: 95.3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane	*83*		*60 - 140*	*04/17/23 14:30*	*04/19/23 06:18*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		51		mg/Kg	☼	04/19/23 14:32	04/22/23 05:22	1
Motor Oil (>C24-C36)	ND		51		mg/Kg	☼	04/19/23 14:32	04/22/23 05:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*89*		*50 - 150*	*04/19/23 14:32*	*04/22/23 05:22*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**3.0**		0.35		mg/Kg	☼	04/14/23 14:51	04/17/23 19:10	10
Lead	**3.6**		0.35		mg/Kg	☼	04/14/23 14:51	04/17/23 19:10	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**95.3**		0.1		%			04/13/23 18:13	1
Percent Moisture (SM22 2540G)	**4.7**		0.1		%			04/13/23 18:13	1

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 30'
Date Collected: 04/11/23 14:22
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-5
Matrix: Solid
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
1,1,1-Trichloroethane	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
1,1,2,2-Tetrachloroethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
1,1,2-Trichloroethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
1,1-Dichloroethane	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
1,1-Dichloroethene	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
1,1-Dichloropropene	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
1,2,3-Trichlorobenzene	ND		74		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
1,2,3-Trichloropropane	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
1,2,4-Trichlorobenzene	ND		74		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
1,2-Dibromo-3-Chloropropane	ND		56		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
1,2-Dichlorobenzene	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
EDC	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
1,2-Dichloropropane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
1,3,5-Trimethylbenzene	**110**		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
1,3-Dichlorobenzene	ND		56		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
1,3-Dichloropropane	ND		56		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
1,4-Dichlorobenzene	ND		56		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
2,2-Dichloropropane	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
2-Chlorotoluene	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
4-Chlorotoluene	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
4-Isopropyltoluene	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
Benzene	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
Bromobenzene	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
Bromoform	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
Bromomethane	ND		93		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
Carbon tetrachloride	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
Chlorobenzene	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
Chlorobromomethane	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
Chlorodibromomethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
Chloroethane	ND		74		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
Chloroform	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
Chloromethane	ND		56		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
cis-1,2-Dichloroethene	ND		56		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
cis-1,3-Dichloropropene	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
Dibromomethane	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
Dichlorobromomethane	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
Dichlorodifluoromethane	ND		230		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
Ethylbenzene	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
Hexachlorobutadiene	ND		93		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
Isopropylbenzene	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
Methyl tert-butyl ether	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
Methylene Chloride	ND		230		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
m-Xylene & p-Xylene	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
Naphthalene	ND		140		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
n-Butylbenzene	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
N-Propylbenzene	ND	*-	37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
o-Xylene	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
sec-Butylbenzene	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 30'
Date Collected: 04/11/23 14:22
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-5
Matrix: Solid
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
tert-Butylbenzene	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
Tetrachloroethene	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
Toluene	ND		56		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
trans-1,2-Dichloroethene	ND		56		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
trans-1,3-Dichloropropene	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
Trichloroethene	ND		37		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
Trichlorofluoromethane	ND		74		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1
Vinyl chloride	ND		93		ug/Kg	☼	04/14/23 14:16	04/14/23 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*80 - 121*	*04/14/23 14:16*	*04/14/23 20:50*	*1*
4-Bromofluorobenzene (Surr)	*118*		*80 - 120*	*04/14/23 14:16*	*04/14/23 20:50*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*	*04/14/23 14:16*	*04/14/23 20:50*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*	*04/14/23 14:16*	*04/14/23 20:50*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	**66**		37		ug/Kg	☼	04/14/23 14:16	04/19/23 00:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*80 - 121*	*04/14/23 14:16*	*04/19/23 00:11*	*1*
4-Bromofluorobenzene (Surr)	*120*		*80 - 120*	*04/14/23 14:16*	*04/19/23 00:11*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*	*04/14/23 14:16*	*04/19/23 00:11*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*04/14/23 14:16*	*04/19/23 00:11*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	**44**		3.7		mg/Kg	☼	04/14/23 14:16	04/19/23 00:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*66 - 125*	*04/14/23 14:16*	*04/19/23 00:11*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 22:41	1
2-Methylnaphthalene	**8.7**		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 22:41	1
1-Methylnaphthalene	**13**		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 22:41	1
Acenaphthylene	ND		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 22:41	1
Acenaphthene	ND		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 22:41	1
Fluorene	**9.6**		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 22:41	1
Phenanthrene	**8.2**		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 22:41	1
Anthracene	**11**		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 22:41	1
Fluoranthene	**33**		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 22:41	1
Pyrene	**61**		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 22:41	1
Benzo[a]anthracene	**22**		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 22:41	1
Chrysene	**12**		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 22:41	1
Benzo[b]fluoranthene	**10**		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 22:41	1
Benzo[k]fluoranthene	ND		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 22:41	1
Benzo[a]pyrene	**14**		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 22:41	1
Indeno[1,2,3-cd]pyrene	**9.1**		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 22:41	1

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 30'
Date Collected: 04/11/23 14:22
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-5
Matrix: Solid
Percent Solids: 95.1

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 22:41	1
Benzo[g,h,i]perylene	**17**		5.1		ug/Kg	☼	04/13/23 13:35	04/20/23 22:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*126*		*57 - 145*	*04/13/23 13:35*	*04/20/23 22:41*	*1*

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.052		ug/Kg	☼	04/17/23 14:30	04/19/23 06:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane	*86*		*60 - 140*	*04/17/23 14:30*	*04/19/23 06:34*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		50		mg/Kg	☼	04/19/23 14:32	04/22/23 05:42	1
Motor Oil (>C24-C36)	ND		50		mg/Kg	☼	04/19/23 14:32	04/22/23 05:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*93*		*50 - 150*	*04/19/23 14:32*	*04/22/23 05:42*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.4**		0.35		mg/Kg	☼	04/14/23 14:51	04/17/23 19:13	10
Lead	**4.8**		0.35		mg/Kg	☼	04/14/23 14:51	04/17/23 19:13	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**95.1**		0.1		%			04/13/23 18:13	1
Percent Moisture (SM22 2540G)	**4.9**		0.1		%			04/13/23 18:13	1

Client Sample ID: CB-1 35'

Date Collected: 04/11/23 15:00
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-6

Matrix: Solid
Percent Solids: 97.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		16		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
1,1,1-Trichloroethane	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
1,1,2,2-Tetrachloroethane	ND		16		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
1,1,2-Trichloroethane	ND		16		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
1,1-Dichloroethane	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
1,1-Dichloroethene	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
1,1-Dichloropropene	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
1,2,3-Trichlorobenzene	ND		65		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
1,2,3-Trichloropropane	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
1,2,4-Trichlorobenzene	ND		65		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
1,2,4-Trimethylbenzene	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
1,2-Dibromo-3-Chloropropane	ND		49		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
1,2-Dichlorobenzene	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
EDC	ND		16		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
1,2-Dichloropropane	ND		16		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
1,3,5-Trimethylbenzene	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
1,3-Dichlorobenzene	ND		49		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
1,3-Dichloropropane	ND		49		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
1,4-Dichlorobenzene	ND		49		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
2,2-Dichloropropane	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
2-Chlorotoluene	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
4-Chlorotoluene	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
4-Isopropyltoluene	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Benzene	ND		16		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Bromobenzene	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Bromoform	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Bromomethane	ND		82		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Carbon tetrachloride	ND		16		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Chlorobenzene	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Chlorobromomethane	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Chlorodibromomethane	ND		16		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Chloroethane	ND		65		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Chloroform	ND		16		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Chloromethane	ND		49		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
cis-1,2-Dichloroethene	ND		49		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
cis-1,3-Dichloropropene	ND		16		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Dibromomethane	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Dichlorobromomethane	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Dichlorodifluoromethane	ND		200		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Ethylbenzene	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Hexachlorobutadiene	ND		82		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Isopropylbenzene	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Methyl tert-butyl ether	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Methylene Chloride	ND		200		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
m-Xylene & p-Xylene	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Naphthalene	ND		120		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
n-Butylbenzene	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
N-Propylbenzene	ND	*-	33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
o-Xylene	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1

Client Sample ID: CB-1 35'

Date Collected: 04/11/23 15:00
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-6

Matrix: Solid
Percent Solids: 97.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Styrene	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
tert-Butylbenzene	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Tetrachloroethene	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Toluene	ND		49		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
trans-1,2-Dichloroethene	ND		49		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
trans-1,3-Dichloropropene	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Trichloroethene	ND		33		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Trichlorofluoromethane	ND		65		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1
Vinyl chloride	ND		82		ug/Kg	☼	04/14/23 14:16	04/14/23 21:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*80 - 121*	*04/14/23 14:16*	*04/14/23 21:14*	*1*
4-Bromofluorobenzene (Surr)	*118*		*80 - 120*	*04/14/23 14:16*	*04/14/23 21:14*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*	*04/14/23 14:16*	*04/14/23 21:14*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*	*04/14/23 14:16*	*04/14/23 21:14*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		3.3		mg/Kg	☼	04/14/23 14:16	04/14/23 21:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*66 - 125*	*04/14/23 14:16*	*04/14/23 21:14*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:00	1
2-Methylnaphthalene	**7.5**		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:00	1
1-Methylnaphthalene	**5.5**		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:00	1
Acenaphthylene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:00	1
Acenaphthene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:00	1
Fluorene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:00	1
Phenanthrene	**19**		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:00	1
Anthracene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:00	1
Fluoranthene	**15**		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:00	1
Pyrene	**24**		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:00	1
Benzo[a]anthracene	**9.8**		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:00	1
Chrysene	**5.6**		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:00	1
Benzo[b]fluoranthene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:00	1
Benzo[k]fluoranthene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:00	1
Benzo[a]pyrene	**5.9**		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:00	1
Indeno[1,2,3-cd]pyrene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:00	1
Dibenz(a,h)anthracene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:00	1
Benzo[g,h,i]perylene	**10**		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*132*		*57 - 145*	*04/13/23 13:35*	*04/20/23 23:00*	*1*

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.048		ug/Kg	☼	04/17/23 14:30	04/19/23 07:20	1

Client Sample ID: CB-1 35'

Date Collected: 04/11/23 15:00
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-6

Matrix: Solid
Percent Solids: 97.3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane	*89*		*60 - 140*	*04/17/23 14:30*	*04/19/23 07:20*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		47		mg/Kg	☼	04/19/23 14:32	04/22/23 06:02	1
Motor Oil (>C24-C36)	ND		47		mg/Kg	☼	04/19/23 14:32	04/22/23 06:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*89*		*50 - 150*	*04/19/23 14:32*	*04/22/23 06:02*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.5**		0.34		mg/Kg	☼	04/14/23 14:51	04/17/23 19:16	10
Lead	**2.6**		0.34		mg/Kg	☼	04/14/23 14:51	04/17/23 19:16	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**97.3**		0.1		%			04/13/23 18:13	1
Percent Moisture (SM22 2540G)	**2.7**		0.1		%			04/13/23 18:13	1

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 40'
Date Collected: 04/11/23 15:47
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-7
Matrix: Solid
Percent Solids: 95.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		21		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
1,1,1-Trichloroethane	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
1,1,2,2-Tetrachloroethane	ND		21		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
1,1,2-Trichloroethane	ND		21		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
1,1-Dichloroethane	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
1,1-Dichloroethene	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
1,1-Dichloropropene	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
1,2,3-Trichlorobenzene	ND		85		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
1,2,3-Trichloropropane	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
1,2,4-Trichlorobenzene	ND		85		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
1,2,4-Trimethylbenzene	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
1,2-Dibromo-3-Chloropropane	ND		64		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
1,2-Dichlorobenzene	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
EDC	ND		21		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
1,2-Dichloropropane	ND		21		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
1,3,5-Trimethylbenzene	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
1,3-Dichlorobenzene	ND		64		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
1,3-Dichloropropane	ND		64		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
1,4-Dichlorobenzene	ND		64		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
2,2-Dichloropropane	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
2-Chlorotoluene	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
4-Chlorotoluene	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
4-Isopropyltoluene	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Benzene	ND		21		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Bromobenzene	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Bromoform	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Bromomethane	ND		110		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Carbon tetrachloride	ND		21		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Chlorobenzene	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Chlorobromomethane	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Chlorodibromomethane	ND		21		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Chloroethane	ND		85		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Chloroform	ND		21		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Chloromethane	ND		64		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
cis-1,2-Dichloroethene	ND		64		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
cis-1,3-Dichloropropene	ND		21		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Dibromomethane	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Dichlorobromomethane	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Dichlorodifluoromethane	ND		270		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Ethylbenzene	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Hexachlorobutadiene	ND		110		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Isopropylbenzene	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Methyl tert-butyl ether	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Methylene Chloride	ND		270		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
m-Xylene & p-Xylene	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Naphthalene	ND		160		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
n-Butylbenzene	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
N-Propylbenzene	ND	*-	42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
o-Xylene	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1

Client Sample ID: CB-1 40'

Date Collected: 04/11/23 15:47
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-7

Matrix: Solid
Percent Solids: 95.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Styrene	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
tert-Butylbenzene	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Tetrachloroethene	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Toluene	ND		64		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
trans-1,2-Dichloroethene	ND		64		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
trans-1,3-Dichloropropene	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Trichloroethene	ND		42		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Trichlorofluoromethane	ND		85		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1
Vinyl chloride	ND		110		ug/Kg	☼	04/14/23 14:16	04/14/23 21:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*80 - 121*	*04/14/23 14:16*	*04/14/23 21:38*	*1*
4-Bromofluorobenzene (Surr)	*120*		*80 - 120*	*04/14/23 14:16*	*04/14/23 21:38*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*	*04/14/23 14:16*	*04/14/23 21:38*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*	*04/14/23 14:16*	*04/14/23 21:38*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	**14**		4.2		mg/Kg	☼	04/14/23 14:16	04/19/23 00:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*66 - 125*	*04/14/23 14:16*	*04/19/23 00:59*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**34**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:19	1
2-Methylnaphthalene	**2600**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:19	1
1-Methylnaphthalene	**2600**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:19	1
Acenaphthylene	**150**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:19	1
Acenaphthene	**210**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:19	1
Fluorene	**290**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:19	1
Phenanthrene	**870**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:19	1
Anthracene	**190**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:19	1
Fluoranthene	**160**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:19	1
Pyrene	**270**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:19	1
Benzo[a]anthracene	**88**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:19	1
Chrysene	**52**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:19	1
Benzo[b]fluoranthene	**37**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:19	1
Benzo[k]fluoranthene	**10**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:19	1
Benzo[a]pyrene	**54**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:19	1
Indeno[1,2,3-cd]pyrene	**31**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:19	1
Dibenz(a,h)anthracene	ND		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:19	1
Benzo[g,h,i]perylene	**65**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*125*		*57 - 145*	*04/13/23 13:35*	*04/20/23 23:19*	*1*

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.049		ug/Kg	☼	04/17/23 14:30	04/19/23 07:35	1

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 40'

Date Collected: 04/11/23 15:47
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-7

Matrix: Solid
Percent Solids: 95.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane	*87*		*60 - 140*	*04/17/23 14:30*	*04/19/23 07:35*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	**300**		52		mg/Kg	☼	04/19/23 14:32	04/25/23 03:10	1
Motor Oil (>C24-C36)	ND		52		mg/Kg	☼	04/19/23 14:32	04/25/23 03:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*107*		*50 - 150*	*04/19/23 14:32*	*04/25/23 03:10*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.5**		0.38		mg/Kg	☼	04/14/23 14:51	04/17/23 19:18	10
Lead	**4.9**		0.38		mg/Kg	☼	04/14/23 14:51	04/17/23 19:18	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**95.6**		0.1		%			04/13/23 18:13	1
Percent Moisture (SM22 2540G)	**4.4**		0.1		%			04/13/23 18:13	1

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 45'
Date Collected: 04/11/23 16:07
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-8
Matrix: Solid
Percent Solids: 96.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
1,1,1-Trichloroethane	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
1,1,2,2-Tetrachloroethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
1,1,2-Trichloroethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
1,1-Dichloroethane	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
1,1-Dichloroethene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
1,1-Dichloropropene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
1,2,3-Trichlorobenzene	ND		77		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
1,2,3-Trichloropropane	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
1,2,4-Trichlorobenzene	ND		77		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
1,2-Dibromo-3-Chloropropane	ND		57		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
1,2-Dichlorobenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
EDC	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
1,2-Dichloropropane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
1,3,5-Trimethylbenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
1,3-Dichlorobenzene	ND		57		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
1,3-Dichloropropane	ND		57		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
1,4-Dichlorobenzene	ND		57		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
2,2-Dichloropropane	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
2-Chlorotoluene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
4-Chlorotoluene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
4-Isopropyltoluene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
Benzene	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
Bromobenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
Bromoform	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
Bromomethane	ND		96		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
Carbon tetrachloride	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
Chlorobenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
Chlorobromomethane	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
Chlorodibromomethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
Chloroethane	ND		77		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
Chloroform	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
Chloromethane	ND		57		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
cis-1,2-Dichloroethene	ND		57		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
cis-1,3-Dichloropropene	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
Dibromomethane	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
Dichlorobromomethane	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
Dichlorodifluoromethane	ND		240		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
Ethylbenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
Hexachlorobutadiene	ND		96		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
Isopropylbenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
Methyl tert-butyl ether	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
Methylene Chloride	ND		240		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
m-Xylene & p-Xylene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
Naphthalene	ND		140		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
n-Butylbenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
N-Propylbenzene	ND	*-	38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
o-Xylene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
sec-Butylbenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1

Client Sample ID: CB-1 45'

Date Collected: 04/11/23 16:07
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-8

Matrix: Solid
Percent Solids: 96.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
tert-Butylbenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
Tetrachloroethene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
Toluene	ND		57		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
trans-1,2-Dichloroethene	ND		57		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
trans-1,3-Dichloropropene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
Trichloroethene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
Trichlorofluoromethane	ND		77		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1
Vinyl chloride	ND		96		ug/Kg	☼	04/14/23 14:16	04/14/23 22:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*80 - 121*	*04/14/23 14:16*	*04/14/23 22:02*	*1*
4-Bromofluorobenzene (Surr)	*119*		*80 - 120*	*04/14/23 14:16*	*04/14/23 22:02*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*	*04/14/23 14:16*	*04/14/23 22:02*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*04/14/23 14:16*	*04/14/23 22:02*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	**70**		38		ug/Kg	☼	04/14/23 14:16	04/19/23 01:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*80 - 121*	*04/14/23 14:16*	*04/19/23 01:22*	*1*
4-Bromofluorobenzene (Surr)	*120*		*80 - 120*	*04/14/23 14:16*	*04/19/23 01:22*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 120*	*04/14/23 14:16*	*04/19/23 01:22*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*	*04/14/23 14:16*	*04/19/23 01:22*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	**28**		3.8		mg/Kg	☼	04/14/23 14:16	04/19/23 01:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*66 - 125*	*04/14/23 14:16*	*04/19/23 01:22*	*1*

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.052		ug/Kg	☼	04/17/23 14:30	04/19/23 07:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane	*89*		*60 - 140*	*04/17/23 14:30*	*04/19/23 07:51*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	**62**		48		mg/Kg	☼	04/19/23 14:32	04/25/23 03:30	1
Motor Oil (>C24-C36)	ND		48		mg/Kg	☼	04/19/23 14:32	04/25/23 03:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*97*		*50 - 150*	*04/19/23 14:32*	*04/25/23 03:30*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**96.8**		0.1		%			04/17/23 17:46	1
Percent Moisture (SM22 2540G)	**3.2**		0.1		%			04/17/23 17:46	1

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 50'
Date Collected: 04/11/23 16:29
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-9
Matrix: Solid
Percent Solids: 96.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		21		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
1,1,1-Trichloroethane	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
1,1,2,2-Tetrachloroethane	ND		21		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
1,1,2-Trichloroethane	ND		21		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
1,1-Dichloroethane	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
1,1-Dichloroethene	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
1,1-Dichloropropene	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
1,2,3-Trichlorobenzene	ND		86		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
1,2,3-Trichloropropane	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
1,2,4-Trichlorobenzene	ND		86		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
1,2-Dibromo-3-Chloropropane	ND		64		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
1,2-Dichlorobenzene	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
EDC	ND		21		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
1,2-Dichloropropane	ND		21		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
1,3-Dichlorobenzene	ND		64		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
1,3-Dichloropropane	ND		64		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
1,4-Dichlorobenzene	ND		64		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
2,2-Dichloropropane	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
2-Chlorotoluene	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
4-Chlorotoluene	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
4-Isopropyltoluene	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
Benzene	ND		21		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
Bromobenzene	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
Bromoform	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
Bromomethane	ND		110		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
Carbon tetrachloride	ND		21		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
Chlorobenzene	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
Chlorobromomethane	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
Chlorodibromomethane	ND		21		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
Chloroethane	ND		86		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
Chloroform	ND		21		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
Chloromethane	ND		64		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
cis-1,2-Dichloroethene	ND		64		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
cis-1,3-Dichloropropene	ND		21		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
Dibromomethane	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
Dichlorobromomethane	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
Dichlorodifluoromethane	ND		270		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
Ethylbenzene	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
Hexachlorobutadiene	ND		110		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
Isopropylbenzene	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
Methyl tert-butyl ether	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
Methylene Chloride	ND		270		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
m-Xylene & p-Xylene	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
N-Propylbenzene	ND	*-	43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
o-Xylene	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
sec-Butylbenzene	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
Styrene	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
tert-Butylbenzene	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
Tetrachloroethene	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1

Client Sample ID: CB-1 50'
Date Collected: 04/11/23 16:29
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-9
Matrix: Solid
Percent Solids: 96.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		64		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
trans-1,2-Dichloroethene	ND		64		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
trans-1,3-Dichloropropene	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
Trichloroethene	ND		43		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
Trichlorofluoromethane	ND		86		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1
Vinyl chloride	ND		110		ug/Kg	☼	04/14/23 14:16	04/14/23 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*80 - 121*	*04/14/23 14:16*	*04/14/23 22:50*	*1*
4-Bromofluorobenzene (Surr)	*122*	*S1+*	*80 - 120*	*04/14/23 14:16*	*04/14/23 22:50*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*	*04/14/23 14:16*	*04/14/23 22:50*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*04/14/23 14:16*	*04/14/23 22:50*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		43		ug/Kg	☼	04/14/23 14:16	04/19/23 01:47	1
1,3,5-Trimethylbenzene	ND		43		ug/Kg	☼	04/14/23 14:16	04/19/23 01:47	1
Naphthalene	ND	*1	160		ug/Kg	☼	04/14/23 14:16	04/19/23 01:47	1
n-Butylbenzene	ND		43		ug/Kg	☼	04/14/23 14:16	04/19/23 01:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*80 - 121*	*04/14/23 14:16*	*04/19/23 01:47*	*1*
4-Bromofluorobenzene (Surr)	*119*		*80 - 120*	*04/14/23 14:16*	*04/19/23 01:47*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*	*04/14/23 14:16*	*04/19/23 01:47*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*04/14/23 14:16*	*04/19/23 01:47*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	**24**		4.3		mg/Kg	☼	04/14/23 14:16	04/19/23 01:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*66 - 125*	*04/14/23 14:16*	*04/19/23 01:47*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**5.0**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:38	1
2-Methylnaphthalene	**22**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:38	1
1-Methylnaphthalene	**14**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:38	1
Acenaphthylene	ND		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:38	1
Acenaphthene	ND		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:38	1
Fluorene	ND		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:38	1
Phenanthrene	**52**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:38	1
Anthracene	ND		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:38	1
Fluoranthene	**15**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:38	1
Pyrene	**20**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:38	1
Benzo[a]anthracene	**7.0**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:38	1
Chrysene	**5.2**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:38	1
Benzo[b]fluoranthene	ND		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:38	1
Benzo[k]fluoranthene	ND		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:38	1
Benzo[a]pyrene	ND		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:38	1
Indeno[1,2,3-cd]pyrene	ND		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:38	1

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 50'
Date Collected: 04/11/23 16:29
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-9
Matrix: Solid
Percent Solids: 96.3

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:38	1
Benzo[g,h,i]perylene	**5.4**		4.8		ug/Kg	☼	04/13/23 13:35	04/20/23 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*121*		*57 - 145*	*04/13/23 13:35*	*04/20/23 23:38*	*1*

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.050		ug/Kg	☼	04/17/23 14:30	04/19/23 08:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane	*86*		*60 - 140*	*04/17/23 14:30*	*04/19/23 08:06*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		48		mg/Kg	☼	04/19/23 14:32	04/22/23 07:23	1
Motor Oil (>C24-C36)	ND		48		mg/Kg	☼	04/19/23 14:32	04/22/23 07:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*90*		*50 - 150*	*04/19/23 14:32*	*04/22/23 07:23*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.0**		0.34		mg/Kg	☼	04/14/23 14:51	04/17/23 19:21	10
Lead	**7.3**		0.34		mg/Kg	☼	04/14/23 14:51	04/17/23 19:21	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**96.3**		0.1		%			04/17/23 17:46	1
Percent Moisture (SM22 2540G)	**3.7**		0.1		%			04/17/23 17:46	1

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 55'
Date Collected: 04/12/23 07:14
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-10
Matrix: Solid
Percent Solids: 94.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
1,1,1-Trichloroethane	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
1,1,2,2-Tetrachloroethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
1,1,2-Trichloroethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
1,1-Dichloroethane	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
1,1-Dichloroethene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
1,1-Dichloropropene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
1,2,3-Trichlorobenzene	ND		78		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
1,2,3-Trichloropropane	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
1,2,4-Trichlorobenzene	ND		78		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
1,2-Dibromo-3-Chloropropane	ND		58		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
1,2-Dichlorobenzene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
EDC	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
1,2-Dichloropropane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
1,3-Dichlorobenzene	ND		58		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
1,3-Dichloropropane	ND		58		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
1,4-Dichlorobenzene	ND		58		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
2,2-Dichloropropane	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
2-Chlorotoluene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
4-Chlorotoluene	**49**		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
4-Isopropyltoluene	**770**		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
Benzene	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
Bromobenzene	**590**		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
Bromoform	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
Bromomethane	ND		97		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
Carbon tetrachloride	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
Chlorobenzene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
Chlorobromomethane	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
Chlorodibromomethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
Chloroethane	ND		78		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
Chloroform	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
Chloromethane	ND		58		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
cis-1,2-Dichloroethene	ND		58		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
cis-1,3-Dichloropropene	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
Dibromomethane	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
Dichlorobromomethane	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
Dichlorodifluoromethane	ND		240		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
Ethylbenzene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
Hexachlorobutadiene	ND		97		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
Isopropylbenzene	**47**		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
Methyl tert-butyl ether	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
Methylene Chloride	ND		240		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
m-Xylene & p-Xylene	**630**		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
N-Propylbenzene	ND	*-	39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
o-Xylene	**950**		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
sec-Butylbenzene	**610**		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
Styrene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
tert-Butylbenzene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
Tetrachloroethene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1

Client Sample ID: CB-1 55'

Date Collected: 04/12/23 07:14
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-10

Matrix: Solid
Percent Solids: 94.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		58		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
trans-1,2-Dichloroethene	ND		58		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
trans-1,3-Dichloropropene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
Trichloroethene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
Trichlorofluoromethane	ND		78		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1
Vinyl chloride	ND		97		ug/Kg	☼	04/14/23 14:16	04/14/23 22:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*80 - 121*	*04/14/23 14:16*	*04/14/23 22:26*	*1*
4-Bromofluorobenzene (Surr)	*115*		*80 - 120*	*04/14/23 14:16*	*04/14/23 22:26*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*	*04/14/23 14:16*	*04/14/23 22:26*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*04/14/23 14:16*	*04/14/23 22:26*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	**41000**		420		ug/Kg	☼	04/14/23 14:16	04/18/23 22:34	1
1,3,5-Trimethylbenzene	**14000**		420		ug/Kg	☼	04/14/23 14:16	04/18/23 22:34	1
Naphthalene	**21000**	***1**	1600		ug/Kg	☼	04/14/23 14:16	04/18/23 22:34	1
n-Butylbenzene	ND		420		ug/Kg	☼	04/14/23 14:16	04/18/23 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*80 - 121*	*04/14/23 14:16*	*04/18/23 22:34*	*1*
4-Bromofluorobenzene (Surr)	*120*		*80 - 120*	*04/14/23 14:16*	*04/18/23 22:34*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*	*04/14/23 14:16*	*04/18/23 22:34*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*	*04/14/23 14:16*	*04/18/23 22:34*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	**1500**		42		mg/Kg	☼	04/14/23 14:16	04/18/23 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*66 - 125*	*04/14/23 14:16*	*04/18/23 22:34*	*1*

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.048		ug/Kg	☼	04/17/23 14:30	04/19/23 08:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane	*87*		*60 - 140*	*04/17/23 14:30*	*04/19/23 08:22*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	**550**		50		mg/Kg	☼	04/19/23 14:32	04/22/23 07:43	1
Motor Oil (>C24-C36)	ND		50		mg/Kg	☼	04/19/23 14:32	04/22/23 07:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*102*		*50 - 150*	*04/19/23 14:32*	*04/22/23 07:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**94.6**		0.1		%			04/17/23 17:46	1
Percent Moisture (SM22 2540G)	**5.4**		0.1		%			04/17/23 17:46	1

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 60'
Date Collected: 04/12/23 07:22
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-11
Matrix: Solid
Percent Solids: 95.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
1,1,1-Trichloroethane	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
1,1,2,2-Tetrachloroethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
1,1,2-Trichloroethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
1,1-Dichloroethane	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
1,1-Dichloroethene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
1,1-Dichloropropene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
1,2,3-Trichlorobenzene	ND		77		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
1,2,3-Trichloropropane	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
1,2,4-Trichlorobenzene	ND		77		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
1,2-Dibromo-3-Chloropropane	ND		58		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
1,2-Dichlorobenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
EDC	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
1,2-Dichloropropane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
1,3,5-Trimethylbenzene	**340**		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
1,3-Dichlorobenzene	ND		58		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
1,3-Dichloropropane	ND		58		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
1,4-Dichlorobenzene	ND		58		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
2,2-Dichloropropane	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
2-Chlorotoluene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
4-Chlorotoluene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
4-Isopropyltoluene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
Benzene	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
Bromobenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
Bromoform	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
Bromomethane	ND		96		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
Carbon tetrachloride	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
Chlorobenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
Chlorobromomethane	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
Chlorodibromomethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
Chloroethane	ND		77		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
Chloroform	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
Chloromethane	ND		58		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
cis-1,2-Dichloroethene	ND		58		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
cis-1,3-Dichloropropene	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
Dibromomethane	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
Dichlorobromomethane	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
Dichlorodifluoromethane	ND		240		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
Ethylbenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
Hexachlorobutadiene	ND		96		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
Isopropylbenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
Methyl tert-butyl ether	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
Methylene Chloride	ND		240		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
m-Xylene & p-Xylene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
n-Butylbenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
N-Propylbenzene	ND	*-	38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
o-Xylene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
sec-Butylbenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
Styrene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1

Client Sample ID: CB-1 60'

Date Collected: 04/12/23 07:22
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-11

Matrix: Solid
Percent Solids: 95.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
Tetrachloroethene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
Toluene	ND		58		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
trans-1,2-Dichloroethene	ND		58		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
trans-1,3-Dichloropropene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
Trichloroethene	ND		38		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
Trichlorofluoromethane	ND		77		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1
Vinyl chloride	ND		96		ug/Kg	☼	04/14/23 14:16	04/14/23 23:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*80 - 121*	*04/14/23 14:16*	*04/14/23 23:14*	*1*
4-Bromofluorobenzene (Surr)	*123*	*S1+*	*80 - 120*	*04/14/23 14:16*	*04/14/23 23:14*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*	*04/14/23 14:16*	*04/14/23 23:14*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*04/14/23 14:16*	*04/14/23 23:14*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	**1800**		210		ug/Kg	☼	04/14/23 14:16	04/18/23 22:58	1
Naphthalene	**8500**	***1**	770		ug/Kg	☼	04/14/23 14:16	04/18/23 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*80 - 121*	*04/14/23 14:16*	*04/18/23 22:58*	*1*
4-Bromofluorobenzene (Surr)	*119*		*80 - 120*	*04/14/23 14:16*	*04/18/23 22:58*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*	*04/14/23 14:16*	*04/18/23 22:58*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*04/14/23 14:16*	*04/18/23 22:58*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	**270**		21		mg/Kg	☼	04/14/23 14:16	04/18/23 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*66 - 125*	*04/14/23 14:16*	*04/18/23 22:58*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**4200**		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:57	1
Acenaphthylene	**200**		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:57	1
Acenaphthene	**240**		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:57	1
Fluorene	**330**		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:57	1
Phenanthrene	**1000**		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:57	1
Anthracene	**190**		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:57	1
Fluoranthene	**180**		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:57	1
Pyrene	**280**		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:57	1
Benzo[a]anthracene	**100**		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:57	1
Chrysene	**55**		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:57	1
Benzo[b]fluoranthene	**44**		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:57	1
Benzo[k]fluoranthene	**13**		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:57	1
Benzo[a]pyrene	**57**		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:57	1
Indeno[1,2,3-cd]pyrene	**29**		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:57	1
Dibenz(a,h)anthracene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:57	1
Benzo[g,h,i]perylene	**69**		5.2		ug/Kg	☼	04/13/23 13:35	04/20/23 23:57	1

Client Sample ID: CB-1 60'

Date Collected: 04/12/23 07:22
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-11

Matrix: Solid
Percent Solids: 95.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*125*		*57 - 145*	*04/13/23 13:35*	*04/20/23 23:57*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	**32000**		100		ug/Kg	☼	04/13/23 13:35	05/02/23 21:23	20
1-Methylnaphthalene	**18000**		100		ug/Kg	☼	04/13/23 13:35	05/02/23 21:23	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*101*		*57 - 145*	*04/13/23 13:35*	*05/02/23 21:23*	*20*

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.049		ug/Kg	☼	04/17/23 14:30	04/19/23 08:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane	*90*		*60 - 140*	*04/17/23 14:30*	*04/19/23 08:37*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	**390**		50		mg/Kg	☼	04/19/23 14:32	04/22/23 08:03	1
Motor Oil (>C24-C36)	ND		50		mg/Kg	☼	04/19/23 14:32	04/22/23 08:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*109*		*50 - 150*	*04/19/23 14:32*	*04/22/23 08:03*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.3**		0.36		mg/Kg	☼	04/14/23 14:51	04/17/23 19:24	10
Lead	**4.8**		0.36		mg/Kg	☼	04/14/23 14:51	04/17/23 19:24	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**95.2**		0.1		%			04/17/23 17:47	1
Percent Moisture (SM22 2540G)	**4.8**		0.1		%			04/17/23 17:47	1

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 65'
Date Collected: 04/12/23 08:00
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-12
Matrix: Solid
Percent Solids: 93.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
1,1,1-Trichloroethane	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
1,1,2,2-Tetrachloroethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
1,1,2-Trichloroethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
1,1-Dichloroethane	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
1,1-Dichloroethene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
1,1-Dichloropropene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
1,2,3-Trichlorobenzene	ND		78		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
1,2,3-Trichloropropane	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
1,2,4-Trichlorobenzene	ND		78		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
1,2-Dibromo-3-Chloropropane	ND		58		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
1,2-Dichlorobenzene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
EDC	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
1,2-Dichloropropane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
1,3,5-Trimethylbenzene	**39**		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
1,3-Dichlorobenzene	ND		58		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
1,3-Dichloropropane	ND		58		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
1,4-Dichlorobenzene	ND		58		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
2,2-Dichloropropane	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
2-Chlorotoluene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
4-Chlorotoluene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
4-Isopropyltoluene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
Benzene	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
Bromobenzene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
Bromoform	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
Bromomethane	ND		97		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
Carbon tetrachloride	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
Chlorobenzene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
Chlorobromomethane	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
Chlorodibromomethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
Chloroethane	ND		78		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
Chloroform	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
Chloromethane	ND		58		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
cis-1,2-Dichloroethene	ND		58		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
cis-1,3-Dichloropropene	ND		19		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
Dibromomethane	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
Dichlorobromomethane	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
Dichlorodifluoromethane	ND		240		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
Ethylbenzene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
Hexachlorobutadiene	ND		97		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
Isopropylbenzene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
Methyl tert-butyl ether	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
Methylene Chloride	ND		240		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
m-Xylene & p-Xylene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
n-Butylbenzene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
N-Propylbenzene	ND	*-	39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
o-Xylene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
sec-Butylbenzene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
Styrene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1

Client Sample ID: CB-1 65'
Date Collected: 04/12/23 08:00
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-12
Matrix: Solid
Percent Solids: 93.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
Tetrachloroethene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
Toluene	ND		58		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
trans-1,2-Dichloroethene	ND		58		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
trans-1,3-Dichloropropene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
Trichloroethene	ND		39		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
Trichlorofluoromethane	ND		78		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1
Vinyl chloride	ND		97		ug/Kg	☼	04/14/23 14:16	04/14/23 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*80 - 121*	*04/14/23 14:16*	*04/14/23 23:38*	*1*
4-Bromofluorobenzene (Surr)	*122*	*S1+*	*80 - 120*	*04/14/23 14:16*	*04/14/23 23:38*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*	*04/14/23 14:16*	*04/14/23 23:38*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*04/14/23 14:16*	*04/14/23 23:38*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	**39**		39		ug/Kg	☼	04/14/23 14:16	04/19/23 02:59	1
Naphthalene	ND	*1	150		ug/Kg	☼	04/14/23 14:16	04/19/23 02:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*80 - 121*	*04/14/23 14:16*	*04/19/23 02:59*	*1*
4-Bromofluorobenzene (Surr)	*123*	*S1+*	*80 - 120*	*04/14/23 14:16*	*04/19/23 02:59*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*	*04/14/23 14:16*	*04/19/23 02:59*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*04/14/23 14:16*	*04/19/23 02:59*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	**9.6**		3.9		mg/Kg	☼	04/14/23 14:16	04/19/23 02:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*66 - 125*	*04/14/23 14:16*	*04/19/23 02:59*	*1*

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.052		ug/Kg	☼	04/17/23 14:30	04/19/23 08:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane	*81*		*60 - 140*	*04/17/23 14:30*	*04/19/23 08:52*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	**160**		49		mg/Kg	☼	04/19/23 14:32	04/22/23 08:23	1
Motor Oil (>C24-C36)	ND		49		mg/Kg	☼	04/19/23 14:32	04/22/23 08:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*112*		*50 - 150*	*04/19/23 14:32*	*04/22/23 08:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**93.5**		0.1		%			04/17/23 17:47	1
Percent Moisture (SM22 2540G)	**6.5**		0.1		%			04/17/23 17:47	1

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 70'
Date Collected: 04/12/23 08:25
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-13
Matrix: Solid
Percent Solids: 96.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
1,1,1-Trichloroethane	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
1,1,2,2-Tetrachloroethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
1,1,2-Trichloroethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
1,1-Dichloroethane	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
1,1-Dichloroethene	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
1,1-Dichloropropene	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
1,2,3-Trichlorobenzene	ND		76		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
1,2,3-Trichloropropane	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
1,2,4-Trichlorobenzene	ND		76		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
1,2-Dibromo-3-Chloropropane	ND		57		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
1,2-Dichlorobenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
EDC	ND		19		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
1,2-Dichloropropane	ND		19		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
1,3,5-Trimethylbenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
1,3-Dichlorobenzene	ND		57		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
1,3-Dichloropropane	ND		57		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
1,4-Dichlorobenzene	ND		57		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
2,2-Dichloropropane	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
2-Chlorotoluene	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
4-Chlorotoluene	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
4-Isopropyltoluene	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
Benzene	ND		19		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
Bromobenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
Bromoform	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
Bromomethane	ND		95		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
Carbon tetrachloride	ND		19		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
Chlorobenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
Chlorobromomethane	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
Chlorodibromomethane	ND		19		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
Chloroethane	ND		76		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
Chloroform	ND		19		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
Chloromethane	ND		57		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
cis-1,2-Dichloroethene	ND		57		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
cis-1,3-Dichloropropene	ND		19		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
Dibromomethane	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
Dichlorobromomethane	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
Dichlorodifluoromethane	ND		240		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
Ethylbenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
Hexachlorobutadiene	ND		95		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
Isopropylbenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
Methyl tert-butyl ether	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
Methylene Chloride	ND		240		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
m-Xylene & p-Xylene	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
Naphthalene	ND		140		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
n-Butylbenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
N-Propylbenzene	ND	*-	38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
o-Xylene	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
sec-Butylbenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 70'
Date Collected: 04/12/23 08:25
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-13
Matrix: Solid
Percent Solids: 96.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
tert-Butylbenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
Tetrachloroethene	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
Toluene	ND		57		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
trans-1,2-Dichloroethene	ND		57		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
trans-1,3-Dichloropropene	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
Trichloroethene	ND		38		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
Trichlorofluoromethane	ND		76		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1
Vinyl chloride	ND		95		ug/Kg	☼	04/14/23 14:16	04/15/23 00:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*80 - 121*	*04/14/23 14:16*	*04/15/23 00:26*	*1*
4-Bromofluorobenzene (Surr)	*121*	*S1+*	*80 - 120*	*04/14/23 14:16*	*04/15/23 00:26*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*	*04/14/23 14:16*	*04/15/23 00:26*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*04/14/23 14:16*	*04/15/23 00:26*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		38		ug/Kg	☼	04/14/23 14:16	04/19/23 03:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*80 - 121*	*04/14/23 14:16*	*04/19/23 03:23*	*1*
4-Bromofluorobenzene (Surr)	*124*	*S1+*	*80 - 120*	*04/14/23 14:16*	*04/19/23 03:23*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*	*04/14/23 14:16*	*04/19/23 03:23*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*	*04/14/23 14:16*	*04/19/23 03:23*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	**6.4**		3.8		mg/Kg	☼	04/14/23 14:16	04/19/23 03:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*66 - 125*	*04/14/23 14:16*	*04/19/23 03:23*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/21/23 00:16	1
2-Methylnaphthalene	**7.6**		5.2		ug/Kg	☼	04/13/23 13:35	04/21/23 00:16	1
1-Methylnaphthalene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/21/23 00:16	1
Acenaphthylene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/21/23 00:16	1
Acenaphthene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/21/23 00:16	1
Fluorene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/21/23 00:16	1
Phenanthrene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/21/23 00:16	1
Anthracene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/21/23 00:16	1
Fluoranthene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/21/23 00:16	1
Pyrene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/21/23 00:16	1
Benzo[a]anthracene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/21/23 00:16	1
Chrysene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/21/23 00:16	1
Benzo[b]fluoranthene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/21/23 00:16	1
Benzo[k]fluoranthene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/21/23 00:16	1
Benzo[a]pyrene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/21/23 00:16	1
Indeno[1,2,3-cd]pyrene	**5.5**		5.2		ug/Kg	☼	04/13/23 13:35	04/21/23 00:16	1

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 70'
Date Collected: 04/12/23 08:25
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-13
Matrix: Solid
Percent Solids: 96.0

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		5.2		ug/Kg	☼	04/13/23 13:35	04/21/23 00:16	1
Benzo[g,h,i]perylene	**11**		5.2		ug/Kg	☼	04/13/23 13:35	04/21/23 00:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*127*		*57 - 145*	*04/13/23 13:35*	*04/21/23 00:16*	*1*

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.050		ug/Kg	☼	04/17/23 14:30	04/19/23 09:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane	*82*		*60 - 140*	*04/17/23 14:30*	*04/19/23 09:08*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		52		mg/Kg	☼	04/19/23 14:32	04/22/23 08:44	1
Motor Oil (>C24-C36)	ND		52		mg/Kg	☼	04/19/23 14:32	04/22/23 08:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*90*		*50 - 150*	*04/19/23 14:32*	*04/22/23 08:44*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.6**		0.35		mg/Kg	☼	04/14/23 14:51	04/17/23 19:26	10
Lead	**3.3**		0.35		mg/Kg	☼	04/14/23 14:51	04/17/23 19:26	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**96.0**		0.1		%			04/17/23 17:47	1
Percent Moisture (SM22 2540G)	**4.0**		0.1		%			04/17/23 17:47	1

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 75'
Date Collected: 04/12/23 08:54
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-14
Matrix: Solid
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		20		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
1,1,1-Trichloroethane	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
1,1,2,2-Tetrachloroethane	ND		20		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
1,1,2-Trichloroethane	ND		20		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
1,1-Dichloroethane	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
1,1-Dichloroethene	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
1,1-Dichloropropene	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
1,2,3-Trichlorobenzene	ND		80		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
1,2,3-Trichloropropane	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
1,2,4-Trichlorobenzene	ND		80		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
1,2,4-Trimethylbenzene	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
1,2-Dibromo-3-Chloropropane	ND		60		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
1,2-Dichlorobenzene	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
EDC	ND		20		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
1,2-Dichloropropane	ND		20		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
1,3,5-Trimethylbenzene	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
1,3-Dichlorobenzene	ND		60		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
1,3-Dichloropropane	ND		60		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
1,4-Dichlorobenzene	ND		60		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
2,2-Dichloropropane	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
2-Chlorotoluene	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
4-Chlorotoluene	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
4-Isopropyltoluene	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Benzene	ND		20		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Bromobenzene	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Bromoform	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Bromomethane	ND		100		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Carbon tetrachloride	ND		20		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Chlorobenzene	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Chlorobromomethane	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Chlorodibromomethane	ND		20		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Chloroethane	ND		80		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Chloroform	ND		20		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Chloromethane	ND		60		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
cis-1,2-Dichloroethene	ND		60		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
cis-1,3-Dichloropropene	ND		20		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Dibromomethane	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Dichlorobromomethane	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Dichlorodifluoromethane	ND		250		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Ethylbenzene	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Hexachlorobutadiene	ND		100		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Isopropylbenzene	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Methyl tert-butyl ether	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Methylene Chloride	ND		250		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
m-Xylene & p-Xylene	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Naphthalene	ND		150		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
n-Butylbenzene	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
N-Propylbenzene	ND	*-	40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
o-Xylene	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 75'
Date Collected: 04/12/23 08:54
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-14
Matrix: Solid
Percent Solids: 95.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Styrene	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
tert-Butylbenzene	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Tetrachloroethene	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Toluene	ND		60		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
trans-1,2-Dichloroethene	ND		60		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
trans-1,3-Dichloropropene	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Trichloroethene	ND		40		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Trichlorofluoromethane	ND		80		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1
Vinyl chloride	ND		100		ug/Kg	☼	04/14/23 14:16	04/15/23 00:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*80 - 121*	*04/14/23 14:16*	*04/15/23 00:50*	*1*
4-Bromofluorobenzene (Surr)	*120*		*80 - 120*	*04/14/23 14:16*	*04/15/23 00:50*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*	*04/14/23 14:16*	*04/15/23 00:50*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*	*04/14/23 14:16*	*04/15/23 00:50*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	**14**		4.0		mg/Kg	☼	04/14/23 14:16	04/19/23 03:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*66 - 125*	*04/14/23 14:16*	*04/19/23 03:47*	*1*

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.052		ug/Kg	☼	04/17/23 14:30	04/19/23 09:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane	*81*		*60 - 140*	*04/17/23 14:30*	*04/19/23 09:23*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		48		mg/Kg	☼	04/19/23 14:32	04/22/23 09:04	1
Motor Oil (>C24-C36)	ND		48		mg/Kg	☼	04/19/23 14:32	04/22/23 09:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*91*		*50 - 150*	*04/19/23 14:32*	*04/22/23 09:04*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**95.1**		0.1		%			04/17/23 17:47	1
Percent Moisture (SM22 2540G)	**4.9**		0.1		%			04/17/23 17:47	1

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 80'
Date Collected: 04/12/23 09:25
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-15
Matrix: Solid
Percent Solids: 95.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		18		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
1,1,1-Trichloroethane	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
1,1,2,2-Tetrachloroethane	ND		18		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
1,1,2-Trichloroethane	ND		18		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
1,1-Dichloroethane	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
1,1-Dichloroethene	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
1,1-Dichloropropene	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
1,2,3-Trichlorobenzene	ND		72		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
1,2,3-Trichloropropane	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
1,2,4-Trichlorobenzene	ND		72		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
1,2,4-Trimethylbenzene	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
1,2-Dibromo-3-Chloropropane	ND		54		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
1,2-Dichlorobenzene	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
EDC	ND		18		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
1,2-Dichloropropane	ND		18		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
1,3,5-Trimethylbenzene	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
1,3-Dichlorobenzene	ND		54		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
1,3-Dichloropropane	ND		54		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
1,4-Dichlorobenzene	ND		54		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
2,2-Dichloropropane	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
2-Chlorotoluene	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
4-Chlorotoluene	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
4-Isopropyltoluene	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Benzene	ND		18		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Bromobenzene	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Bromoform	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Bromomethane	ND		90		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Carbon tetrachloride	ND		18		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Chlorobenzene	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Chlorobromomethane	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Chlorodibromomethane	ND		18		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Chloroethane	ND		72		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Chloroform	ND		18		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Chloromethane	ND		54		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
cis-1,2-Dichloroethene	ND		54		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
cis-1,3-Dichloropropene	ND		18		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Dibromomethane	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Dichlorobromomethane	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Dichlorodifluoromethane	ND		220		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Ethylbenzene	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Hexachlorobutadiene	ND		90		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Isopropylbenzene	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Methyl tert-butyl ether	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Methylene Chloride	ND		220		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
m-Xylene & p-Xylene	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Naphthalene	ND		130		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
n-Butylbenzene	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
N-Propylbenzene	ND	*-	36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
o-Xylene	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1

Client Sample ID: CB-1 80'

Date Collected: 04/12/23 09:25
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-15

Matrix: Solid
Percent Solids: 95.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Styrene	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
tert-Butylbenzene	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Tetrachloroethene	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Toluene	ND		54		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
trans-1,2-Dichloroethene	ND		54		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
trans-1,3-Dichloropropene	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Trichloroethene	ND		36		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Trichlorofluoromethane	ND		72		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1
Vinyl chloride	ND		90		ug/Kg	☼	04/14/23 14:16	04/15/23 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*80 - 121*	*04/14/23 14:16*	*04/15/23 01:14*	*1*
4-Bromofluorobenzene (Surr)	*122*	*S1+*	*80 - 120*	*04/14/23 14:16*	*04/15/23 01:14*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*	*04/14/23 14:16*	*04/15/23 01:14*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*	*04/14/23 14:16*	*04/15/23 01:14*	*1*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	**12**		3.6		mg/Kg	☼	04/14/23 14:16	04/19/23 04:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*66 - 125*	*04/14/23 14:16*	*04/19/23 04:11*	*1*

Method: SW846 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		4.9		ug/Kg	☼	04/13/23 13:35	04/21/23 00:35	1
2-Methylnaphthalene	ND		4.9		ug/Kg	☼	04/13/23 13:35	04/21/23 00:35	1
1-Methylnaphthalene	ND		4.9		ug/Kg	☼	04/13/23 13:35	04/21/23 00:35	1
Acenaphthylene	ND		4.9		ug/Kg	☼	04/13/23 13:35	04/21/23 00:35	1
Acenaphthene	ND		4.9		ug/Kg	☼	04/13/23 13:35	04/21/23 00:35	1
Fluorene	ND		4.9		ug/Kg	☼	04/13/23 13:35	04/21/23 00:35	1
Phenanthrene	ND		4.9		ug/Kg	☼	04/13/23 13:35	04/21/23 00:35	1
Anthracene	ND		4.9		ug/Kg	☼	04/13/23 13:35	04/21/23 00:35	1
Fluoranthene	ND		4.9		ug/Kg	☼	04/13/23 13:35	04/21/23 00:35	1
Pyrene	ND		4.9		ug/Kg	☼	04/13/23 13:35	04/21/23 00:35	1
Benzo[a]anthracene	ND		4.9		ug/Kg	☼	04/13/23 13:35	04/21/23 00:35	1
Chrysene	ND		4.9		ug/Kg	☼	04/13/23 13:35	04/21/23 00:35	1
Benzo[b]fluoranthene	ND		4.9		ug/Kg	☼	04/13/23 13:35	04/21/23 00:35	1
Benzo[k]fluoranthene	ND		4.9		ug/Kg	☼	04/13/23 13:35	04/21/23 00:35	1
Benzo[a]pyrene	ND		4.9		ug/Kg	☼	04/13/23 13:35	04/21/23 00:35	1
Indeno[1,2,3-cd]pyrene	ND		4.9		ug/Kg	☼	04/13/23 13:35	04/21/23 00:35	1
Dibenz(a,h)anthracene	ND		4.9		ug/Kg	☼	04/13/23 13:35	04/21/23 00:35	1
Benzo[g,h,i]perylene	ND		4.9		ug/Kg	☼	04/13/23 13:35	04/21/23 00:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14	*128*		*57 - 145*	*04/13/23 13:35*	*04/21/23 00:35*	*1*

Method: EPA 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.051		ug/Kg	☼	04/17/23 14:30	04/19/23 09:38	1

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 80'

Date Collected: 04/12/23 09:25
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-15

Matrix: Solid
Percent Solids: 95.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane	*84*		*60 - 140*	*04/17/23 14:30*	*04/19/23 09:38*	*1*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		52		mg/Kg	☼	04/19/23 14:32	04/22/23 09:24	1
Motor Oil (>C24-C36)	ND		52		mg/Kg	☼	04/19/23 14:32	04/22/23 09:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*92*		*50 - 150*	*04/19/23 14:32*	*04/22/23 09:24*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.1**		0.36		mg/Kg	☼	04/14/23 14:51	04/17/23 19:29	10
Lead	**4.0**		0.36		mg/Kg	☼	04/14/23 14:51	04/17/23 19:29	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (SM22 2540G)	**95.8**		0.1		%			04/17/23 17:47	1
Percent Moisture (SM22 2540G)	**4.2**		0.1		%			04/17/23 17:47	1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 580-423288/1-A
Matrix: Solid
Analysis Batch: 423301

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 423288

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		20		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
1,1,1-Trichloroethane	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
1,1,2,2-Tetrachloroethane	ND		20		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
1,1,2-Trichloroethane	ND		20		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
1,1-Dichloroethane	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
1,1-Dichloroethene	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
1,1-Dichloropropene	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
1,2,3-Trichlorobenzene	ND		80		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
1,2,3-Trichloropropane	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
1,2,4-Trichlorobenzene	ND		80		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
1,2,4-Trimethylbenzene	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
1,2-Dibromo-3-Chloropropane	ND		60		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
1,2-Dichlorobenzene	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
EDC	ND		20		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
1,2-Dichloropropane	ND		20		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
1,3,5-Trimethylbenzene	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
1,3-Dichlorobenzene	ND		60		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
1,3-Dichloropropane	ND		60		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
1,4-Dichlorobenzene	ND		60		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
2,2-Dichloropropane	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
2-Chlorotoluene	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
4-Chlorotoluene	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
4-Isopropyltoluene	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Benzene	ND		20		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Bromobenzene	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Bromoform	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Bromomethane	ND		100		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Carbon tetrachloride	ND		20		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Chlorobenzene	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Chlorobromomethane	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Chlorodibromomethane	ND		20		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Chloroethane	ND		80		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Chloroform	ND		20		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Chloromethane	ND		60		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
cis-1,2-Dichloroethene	ND		60		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
cis-1,3-Dichloropropene	ND		20		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Dibromomethane	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Dichlorobromomethane	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Dichlorodifluoromethane	ND		250		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Ethylbenzene	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Hexachlorobutadiene	ND		100		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Isopropylbenzene	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Methyl tert-butyl ether	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Methylene Chloride	ND		250		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
m-Xylene & p-Xylene	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Naphthalene	ND		150		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
n-Butylbenzene	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
N-Propylbenzene	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 580-423288/1-A
Matrix: Solid
Analysis Batch: 423301

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 423288

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
sec-Butylbenzene	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Styrene	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
tert-Butylbenzene	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Tetrachloroethene	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Toluene	ND		60		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
trans-1,2-Dichloroethene	ND		60		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
trans-1,3-Dichloropropene	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Trichloroethene	ND		40		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Trichlorofluoromethane	ND		80		ug/Kg		04/14/23 14:16	04/14/23 17:38	1
Vinyl chloride	ND		100		ug/Kg		04/14/23 14:16	04/14/23 17:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*80 - 121*	*04/14/23 14:16*	*04/14/23 17:38*	*1*
4-Bromofluorobenzene (Surr)	*114*		*80 - 120*	*04/14/23 14:16*	*04/14/23 17:38*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*	*04/14/23 14:16*	*04/14/23 17:38*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*	*04/14/23 14:16*	*04/14/23 17:38*	*1*

Lab Sample ID: MB 580-423288/1-A
Matrix: Solid
Analysis Batch: 423607

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 423288

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		40		ug/Kg		04/14/23 14:16	04/18/23 20:11	1
1,3,5-Trimethylbenzene	ND		40		ug/Kg		04/14/23 14:16	04/18/23 20:11	1
Naphthalene	ND		150		ug/Kg		04/14/23 14:16	04/18/23 20:11	1
n-Butylbenzene	ND		40		ug/Kg		04/14/23 14:16	04/18/23 20:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*80 - 121*	*04/14/23 14:16*	*04/18/23 20:11*	*1*
4-Bromofluorobenzene (Surr)	*120*		*80 - 120*	*04/14/23 14:16*	*04/18/23 20:11*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*	*04/14/23 14:16*	*04/18/23 20:11*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*	*04/14/23 14:16*	*04/18/23 20:11*	*1*

Lab Sample ID: LCS 580-423288/2-A
Matrix: Solid
Analysis Batch: 423301

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 423288

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	800	749		ug/Kg		94	79 - 128
1,1,1-Trichloroethane	800	748		ug/Kg		93	78 - 135
1,1,2,2-Tetrachloroethane	800	621		ug/Kg		78	77 - 122
1,1,2-Trichloroethane	800	728		ug/Kg		91	80 - 123
1,1-Dichloroethane	800	709		ug/Kg		89	78 - 126
1,1-Dichloroethene	800	796		ug/Kg		100	73 - 134
1,1-Dichloropropene	800	744		ug/Kg		93	76 - 140
1,2,3-Trichlorobenzene	800	633		ug/Kg		79	58 - 146
1,2,3-Trichloropropane	800	645		ug/Kg		81	77 - 127

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 580-423288/2-A
Matrix: Solid
Analysis Batch: 423301

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 423288

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	800	687		ug/Kg		86	74 - 131
1,2,4-Trimethylbenzene	800	625		ug/Kg		78	73 - 138
1,2-Dibromo-3-Chloropropane	800	645		ug/Kg		81	64 - 129
1,2-Dichlorobenzene	800	677		ug/Kg		85	78 - 126
EDC	800	691		ug/Kg		86	76 - 124
1,2-Dichloropropane	800	686		ug/Kg		86	73 - 130
1,3,5-Trimethylbenzene	800	646		ug/Kg		81	72 - 134
1,3-Dichlorobenzene	800	676		ug/Kg		84	78 - 132
1,3-Dichloropropane	800	687		ug/Kg		86	80 - 120
1,4-Dichlorobenzene	800	685		ug/Kg		86	77 - 123
2,2-Dichloropropane	800	650		ug/Kg		81	75 - 134
2-Chlorotoluene	800	648		ug/Kg		81	77 - 134
4-Chlorotoluene	800	651		ug/Kg		81	71 - 137
4-Isopropyltoluene	800	666		ug/Kg		83	71 - 142
Benzene	800	759		ug/Kg		95	79 - 135
Bromobenzene	800	731		ug/Kg		91	78 - 126
Bromoform	800	816		ug/Kg		102	71 - 130
Bromomethane	800	940		ug/Kg		118	55 - 150
Carbon tetrachloride	800	720		ug/Kg		90	76 - 140
Chlorobenzene	800	746		ug/Kg		93	80 - 125
Chlorobromomethane	800	787		ug/Kg		98	76 - 131
Chlorodibromomethane	800	749		ug/Kg		94	75 - 125
Chloroethane	800	887		ug/Kg		111	26 - 150
Chloroform	800	741		ug/Kg		93	74 - 133
Chloromethane	800	760		ug/Kg		95	52 - 142
cis-1,2-Dichloroethene	800	760		ug/Kg		95	80 - 125
cis-1,3-Dichloropropene	800	701		ug/Kg		88	80 - 122
Dibromomethane	800	948		ug/Kg		118	72 - 130
Dichlorobromomethane	800	728		ug/Kg		91	78 - 125
Dichlorodifluoromethane	800	899		ug/Kg		112	33 - 150
Ethylbenzene	800	696		ug/Kg		87	80 - 135
Hexachlorobutadiene	800	754		ug/Kg		94	65 - 145
Isopropylbenzene	800	712		ug/Kg		89	80 - 131
Methyl tert-butyl ether	800	729		ug/Kg		91	71 - 126
Methylene Chloride	800	730		ug/Kg		91	56 - 140
m-Xylene & p-Xylene	800	726		ug/Kg		91	80 - 132
Naphthalene	800	609		ug/Kg		76	56 - 145
n-Butylbenzene	800	687		ug/Kg		86	69 - 143
o-Xylene	800	722		ug/Kg		90	80 - 132
sec-Butylbenzene	800	636		ug/Kg		79	71 - 143
Styrene	800	733		ug/Kg		92	79 - 129
tert-Butylbenzene	800	671		ug/Kg		84	72 - 144
Tetrachloroethene	800	838		ug/Kg		105	75 - 141
Toluene	800	738		ug/Kg		92	75 - 125
trans-1,2-Dichloroethene	800	756		ug/Kg		94	77 - 134
trans-1,3-Dichloropropene	800	689		ug/Kg		86	80 - 121
Trichloroethene	800	865		ug/Kg		108	80 - 134
Trichlorofluoromethane	800	976		ug/Kg		122	71 - 150
Vinyl chloride	800	843		ug/Kg		105	62 - 144

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	90		80 - 121
4-Bromofluorobenzene (Surr)	115		80 - 120
Dibromofluoromethane (Surr)	101		80 - 120
Toluene-d8 (Surr)	95		80 - 120

Lab Sample ID: LCS 580-423288/2-A
Matrix: Solid
Analysis Batch: 423607

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 423288

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2,4-Trimethylbenzene			800	583		ug/Kg		73	73 - 138		
1,3,5-Trimethylbenzene			800	613		ug/Kg		77	72 - 134		
Naphthalene			800	556		ug/Kg		69	56 - 145		
n-Butylbenzene			800	676		ug/Kg		85	69 - 143		
N-Propylbenzene			800	561	*-	ug/Kg		70	78 - 133		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	86		80 - 121
4-Bromofluorobenzene (Surr)	118		80 - 120
Dibromofluoromethane (Surr)	103		80 - 120
Toluene-d8 (Surr)	91		80 - 120

Lab Sample ID: LCSD 580-423288/3-A
Matrix: Solid
Analysis Batch: 423301

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 423288

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			800	763		ug/Kg		95	79 - 128	2	20
1,1,1-Trichloroethane			800	727		ug/Kg		91	78 - 135	3	20
1,1,2,2-Tetrachloroethane			800	645		ug/Kg		81	77 - 122	4	20
1,1,2-Trichloroethane			800	713		ug/Kg		89	80 - 123	2	20
1,1-Dichloroethane			800	701		ug/Kg		88	78 - 126	1	20
1,1-Dichloroethene			800	755		ug/Kg		94	73 - 134	5	25
1,1-Dichloropropene			800	715		ug/Kg		89	76 - 140	4	20
1,2,3-Trichlorobenzene			800	719		ug/Kg		90	58 - 146	13	28
1,2,3-Trichloropropane			800	672		ug/Kg		84	77 - 127	4	20
1,2,4-Trichlorobenzene			800	733		ug/Kg		92	74 - 131	7	26
1,2,4-Trimethylbenzene			800	629		ug/Kg		79	73 - 138	1	22
1,2-Dibromo-3-Chloropropane			800	684		ug/Kg		86	64 - 129	6	40
1,2-Dichlorobenzene			800	698		ug/Kg		87	78 - 126	3	20
EDC			800	683		ug/Kg		85	76 - 124	1	20
1,2-Dichloropropane			800	689		ug/Kg		86	73 - 130	0	20
1,3,5-Trimethylbenzene			800	667		ug/Kg		83	72 - 134	3	24
1,3-Dichlorobenzene			800	701		ug/Kg		88	78 - 132	4	20
1,3-Dichloropropane			800	683		ug/Kg		85	80 - 120	1	20
1,4-Dichlorobenzene			800	686		ug/Kg		86	77 - 123	0	20
2,2-Dichloropropane			800	596		ug/Kg		75	75 - 134	9	20
2-Chlorotoluene			800	681		ug/Kg		85	77 - 134	5	21
4-Chlorotoluene			800	660		ug/Kg		82	71 - 137	1	21
4-Isopropyltoluene			800	673		ug/Kg		84	71 - 142	1	29
Benzene			800	748		ug/Kg		93	79 - 135	2	20

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 580-423288/3-A
Matrix: Solid
Analysis Batch: 423301

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 423288

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromobenzene			800	748		ug/Kg		94	78 - 126	2	20
Bromoform			800	842		ug/Kg		105	71 - 130	3	20
Bromomethane			800	832		ug/Kg		104	55 - 150	12	26
Carbon tetrachloride			800	716		ug/Kg		90	76 - 140	0	20
Chlorobenzene			800	735		ug/Kg		92	80 - 125	1	20
Chlorobromomethane			800	796		ug/Kg		100	76 - 131	1	20
Chlorodibromomethane			800	750		ug/Kg		94	75 - 125	0	20
Chloroethane			800	794		ug/Kg		99	26 - 150	11	40
Chloroform			800	739		ug/Kg		92	74 - 133	0	20
Chloromethane			800	771		ug/Kg		96	52 - 142	1	40
cis-1,2-Dichloroethene			800	748		ug/Kg		94	80 - 125	2	20
cis-1,3-Dichloropropene			800	681		ug/Kg		85	80 - 122	3	20
Dibromomethane			800	937		ug/Kg		117	72 - 130	1	40
Dichlorobromomethane			800	730		ug/Kg		91	78 - 125	0	20
Dichlorodifluoromethane			800	839		ug/Kg		105	33 - 150	7	31
Ethylbenzene			800	681		ug/Kg		85	80 - 135	2	20
Hexachlorobutadiene			800	752		ug/Kg		94	65 - 145	0	36
Isopropylbenzene			800	710		ug/Kg		89	80 - 131	0	20
Methyl tert-butyl ether			800	743		ug/Kg		93	71 - 126	2	20
Methylene Chloride			800	720		ug/Kg		90	56 - 140	1	20
m-Xylene & p-Xylene			800	695		ug/Kg		87	80 - 132	4	20
Naphthalene			800	679		ug/Kg		85	56 - 145	11	25
n-Butylbenzene			800	693		ug/Kg		87	69 - 143	1	31
o-Xylene			800	708		ug/Kg		89	80 - 132	2	20
sec-Butylbenzene			800	651		ug/Kg		81	71 - 143	2	29
Styrene			800	729		ug/Kg		91	79 - 129	1	20
tert-Butylbenzene			800	659		ug/Kg		82	72 - 144	2	27
Tetrachloroethene			800	825		ug/Kg		103	75 - 141	2	20
Toluene			800	696		ug/Kg		87	75 - 125	6	20
trans-1,2-Dichloroethene			800	745		ug/Kg		93	77 - 134	1	20
trans-1,3-Dichloropropene			800	683		ug/Kg		85	80 - 121	1	20
Trichloroethene			800	848		ug/Kg		106	80 - 134	2	20
Trichlorofluoromethane			800	916		ug/Kg		114	71 - 150	6	30
Vinyl chloride			800	827		ug/Kg		103	62 - 144	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*80 - 121*
4-Bromofluorobenzene (Surr)	*115*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*80 - 120*
Toluene-d8 (Surr)	*94*		*80 - 120*

Lab Sample ID: LCSD 580-423288/3-A
Matrix: Solid
Analysis Batch: 423607

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 423288

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trimethylbenzene			800	724		ug/Kg		91	73 - 138	22	22
1,3,5-Trimethylbenzene			800	775		ug/Kg		97	72 - 134	23	24

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 580-423288/3-A
Matrix: Solid
Analysis Batch: 423607

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 423288

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Naphthalene	800	748	*1	ug/Kg		93	56 - 145	29	25
n-Butylbenzene	800	876		ug/Kg		110	69 - 143	26	31
N-Propylbenzene	800	737	*1	ug/Kg		92	78 - 133	27	24

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*80 - 121*
4-Bromofluorobenzene (Surr)	*122*	*S1+*	*80 - 120*
Dibromofluoromethane (Surr)	*104*		*80 - 120*
Toluene-d8 (Surr)	*93*		*80 - 120*

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Lab Sample ID: MB 580-423288/1-A
Matrix: Solid
Analysis Batch: 423303

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 423288

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		4.0		mg/Kg		04/14/23 14:16	04/14/23 17:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*66 - 125*	*04/14/23 14:16*	*04/14/23 17:38*	*1*

Lab Sample ID: MB 580-423288/1-A
Matrix: Solid
Analysis Batch: 423609

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 423288

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		4.0		mg/Kg		04/14/23 14:16	04/18/23 20:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*66 - 125*	*04/14/23 14:16*	*04/18/23 20:11*	*1*

Lab Sample ID: LCS 580-423288/4-A
Matrix: Solid
Analysis Batch: 423303

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 423288

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline	40.0	32.8		mg/Kg		82	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*66 - 125*

Lab Sample ID: LCS 580-423288/4-A
Matrix: Solid
Analysis Batch: 423609

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 423288

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline	40.0	42.1		mg/Kg		105	80 - 120

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS) (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		66 - 125

Lab Sample ID: LCSD 580-423288/5-A
Matrix: Solid
Analysis Batch: 423303

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 423288

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline			40.0	32.8		mg/Kg		82	80 - 120	0	10

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		66 - 125

Lab Sample ID: LCSD 580-423288/5-A
Matrix: Solid
Analysis Batch: 423609

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 423288

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline			40.0	42.5		mg/Kg		106	80 - 120	1	10

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		66 - 125

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM)

Lab Sample ID: MB 580-423164/1-A
Matrix: Solid
Analysis Batch: 423860

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 423164

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		5.0		ug/Kg		04/13/23 13:35	04/20/23 17:35	1
2-Methylnaphthalene	ND		5.0		ug/Kg		04/13/23 13:35	04/20/23 17:35	1
1-Methylnaphthalene	ND		5.0		ug/Kg		04/13/23 13:35	04/20/23 17:35	1
Acenaphthylene	ND		5.0		ug/Kg		04/13/23 13:35	04/20/23 17:35	1
Acenaphthene	ND		5.0		ug/Kg		04/13/23 13:35	04/20/23 17:35	1
Fluorene	ND		5.0		ug/Kg		04/13/23 13:35	04/20/23 17:35	1
Phenanthrene	ND		5.0		ug/Kg		04/13/23 13:35	04/20/23 17:35	1
Anthracene	ND		5.0		ug/Kg		04/13/23 13:35	04/20/23 17:35	1
Fluoranthene	ND		5.0		ug/Kg		04/13/23 13:35	04/20/23 17:35	1
Pyrene	ND		5.0		ug/Kg		04/13/23 13:35	04/20/23 17:35	1
Benzo[a]anthracene	ND		5.0		ug/Kg		04/13/23 13:35	04/20/23 17:35	1
Chrysene	ND		5.0		ug/Kg		04/13/23 13:35	04/20/23 17:35	1
Benzo[b]fluoranthene	ND		5.0		ug/Kg		04/13/23 13:35	04/20/23 17:35	1
Benzo[k]fluoranthene	ND		5.0		ug/Kg		04/13/23 13:35	04/20/23 17:35	1
Benzo[a]pyrene	ND		5.0		ug/Kg		04/13/23 13:35	04/20/23 17:35	1
Indeno[1,2,3-cd]pyrene	ND		5.0		ug/Kg		04/13/23 13:35	04/20/23 17:35	1
Dibenz(a,h)anthracene	ND		5.0		ug/Kg		04/13/23 13:35	04/20/23 17:35	1
Benzo[g,h,i]perylene	ND		5.0		ug/Kg		04/13/23 13:35	04/20/23 17:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14	121		57 - 145	04/13/23 13:35	04/20/23 17:35	1

Method: 8270E SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Lab Sample ID: LCS 580-423164/2-A
Matrix: Solid
Analysis Batch: 423860

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 423164

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Naphthalene			2000	2050		ug/Kg		102	65 - 120		
2-Methylnaphthalene			2000	2230		ug/Kg		111	64 - 120		
1-Methylnaphthalene			2000	2060		ug/Kg		103	64 - 120		
Acenaphthylene			2000	2100		ug/Kg		105	66 - 120		
Acenaphthene			2000	2070		ug/Kg		103	65 - 120		
Fluorene			2000	2150		ug/Kg		108	62 - 126		
Phenanthrene			2000	2110		ug/Kg		105	63 - 120		
Anthracene			2000	2170		ug/Kg		108	53 - 132		
Fluoranthene			2000	2200		ug/Kg		110	64 - 130		
Pyrene			2000	2230		ug/Kg		111	62 - 131		
Benzo[a]anthracene			2000	2110		ug/Kg		106	66 - 127		
Chrysene			2000	2120		ug/Kg		106	57 - 128		
Benzo[b]fluoranthene			2000	2210		ug/Kg		111	54 - 122		
Benzo[k]fluoranthene			2000	2290		ug/Kg		115	51 - 131		
Benzo[a]pyrene			2000	2270		ug/Kg		113	66 - 124		
Indeno[1,2,3-cd]pyrene			2000	2560		ug/Kg		128	63 - 132		
Dibenz(a,h)anthracene			2000	2480		ug/Kg		124	64 - 133		
Benzo[g,h,i]perylene			2000	2460		ug/Kg		123	61 - 128		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14	*124*		*57 - 145*

Lab Sample ID: LCSD 580-423164/3-A
Matrix: Solid
Analysis Batch: 423860

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 423164

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Naphthalene			2000	2020		ug/Kg		101	65 - 120	2	20
2-Methylnaphthalene			2000	2190		ug/Kg		109	64 - 120	2	20
1-Methylnaphthalene			2000	2030		ug/Kg		101	64 - 120	2	20
Acenaphthylene			2000	2110		ug/Kg		106	66 - 120	0	20
Acenaphthene			2000	2070		ug/Kg		103	65 - 120	0	20
Fluorene			2000	2170		ug/Kg		108	62 - 126	1	20
Phenanthrene			2000	2110		ug/Kg		106	63 - 120	0	20
Anthracene			2000	2170		ug/Kg		108	53 - 132	0	40
Fluoranthene			2000	2200		ug/Kg		110	64 - 130	0	20
Pyrene			2000	2230		ug/Kg		112	62 - 131	0	20
Benzo[a]anthracene			2000	2100		ug/Kg		105	66 - 127	1	20
Chrysene			2000	2120		ug/Kg		106	57 - 128	0	20
Benzo[b]fluoranthene			2000	2230		ug/Kg		112	54 - 122	1	20
Benzo[k]fluoranthene			2000	2310		ug/Kg		115	51 - 131	1	20
Benzo[a]pyrene			2000	2290		ug/Kg		115	66 - 124	1	40
Indeno[1,2,3-cd]pyrene			2000	2580		ug/Kg		129	63 - 132	1	20
Dibenz(a,h)anthracene			2000	2480		ug/Kg		124	64 - 133	0	20
Benzo[g,h,i]perylene			2000	2440		ug/Kg		122	61 - 128	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Terphenyl-d14	*125*		*57 - 145*

Method: 8011 - EDB

Lab Sample ID: MB 580-423447/1-A
Matrix: Solid
Analysis Batch: 423618

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 423447

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.050		ug/Kg		04/17/23 14:30	04/19/23 04:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane	*101*		*60 - 140*	*04/17/23 14:30*	*04/19/23 04:16*	*1*

Lab Sample ID: LCS 580-423447/2-A
Matrix: Solid
Analysis Batch: 423618

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 423447

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethylene Dibromide			0.401	0.350		ug/Kg		87	60 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dibromopropane	*92*		*60 - 140*

Lab Sample ID: LCSD 580-423447/3-A
Matrix: Solid
Analysis Batch: 423618

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 423447

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylene Dibromide			0.401	0.369		ug/Kg		92	60 - 140	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dibromopropane	*88*		*60 - 140*

Lab Sample ID: 580-125936-1 MS
Matrix: Solid
Analysis Batch: 423618

Client Sample ID: CB-1 10'
Prep Type: Total/NA
Prep Batch: 423447

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethylene Dibromide	ND		0.417	0.341		ug/Kg	☼	82	60 - 140		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dibromopropane	*85*		*60 - 140*

Lab Sample ID: 580-125936-1 MSD
Matrix: Solid
Analysis Batch: 423618

Client Sample ID: CB-1 10'
Prep Type: Total/NA
Prep Batch: 423447

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylene Dibromide	ND		0.407	0.346		ug/Kg	☼	85	60 - 140	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dibromopropane	*90*		*60 - 140*

Method: NWTPH-Dx - Northwest - Semi-Volatile Petroleum Products (GC)

Lab Sample ID: MB 580-423720/1-A
Matrix: Solid
Analysis Batch: 423886

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 423720

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		50		mg/Kg		04/19/23 14:32	04/22/23 01:40	1
Motor Oil (>C24-C36)	ND		50		mg/Kg		04/19/23 14:32	04/22/23 01:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*86*		*50 - 150*	*04/19/23 14:32*	*04/22/23 01:40*	*1*

Lab Sample ID: LCS 580-423720/2-A
Matrix: Solid
Analysis Batch: 423886

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 423720

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
#2 Diesel (C10-C24)			500	541		mg/Kg		108	70 - 125		
Motor Oil (>C24-C36)			500	527		mg/Kg		105	70 - 129		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*107*		*50 - 150*

Lab Sample ID: LCSD 580-423720/3-A
Matrix: Solid
Analysis Batch: 423886

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 423720

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
#2 Diesel (C10-C24)			500	543		mg/Kg		109	70 - 125	0	16
Motor Oil (>C24-C36)			500	528		mg/Kg		106	70 - 129	0	16

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl	*107*		*50 - 150*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 580-423294/21-A
Matrix: Solid
Analysis Batch: 423492

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 423294

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.25		mg/Kg		04/14/23 14:51	04/17/23 18:24	5
Lead	ND		0.25		mg/Kg		04/14/23 14:51	04/17/23 18:24	5

Lab Sample ID: LCS 580-423294/22-A
Matrix: Solid
Analysis Batch: 423492

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 423294

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			50.0	53.6		mg/Kg		107	80 - 120		
Lead			50.0	51.4		mg/Kg		103	80 - 120		

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSD 580-423294/23-A
Matrix: Solid
Analysis Batch: 423492

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 423294

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic			50.0	53.6		mg/Kg		107	80 - 120	0	20
Lead			50.0	52.3		mg/Kg		105	80 - 120	2	20

Lab Sample ID: 580-125936-1 MS
Matrix: Solid
Analysis Batch: 423492

Client Sample ID: CB-1 10'
Prep Type: Total/NA
Prep Batch: 423294

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	2.1		35.6	38.9		mg/Kg	☼	103	80 - 120		
Lead	2.6		35.6	37.9		mg/Kg	☼	99	80 - 120		

Lab Sample ID: 580-125936-1 MSD
Matrix: Solid
Analysis Batch: 423492

Client Sample ID: CB-1 10'
Prep Type: Total/NA
Prep Batch: 423294

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	2.1		36.3	40.6		mg/Kg	☼	106	80 - 120	4	20
Lead	2.6		36.3	39.4		mg/Kg	☼	101	80 - 120	4	20

Lab Sample ID: 580-125936-1 DU
Matrix: Solid
Analysis Batch: 423492

Client Sample ID: CB-1 10'
Prep Type: Total/NA
Prep Batch: 423294

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Arsenic	2.1			2.11		mg/Kg	☼			2	20
Lead	2.6			2.58		mg/Kg	☼			0.5	20

Lab Chronicle

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 10'
Date Collected: 04/11/23 13:14
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	423213	JL	EET SEA	04/13/23 18:13

Client Sample ID: CB-1 10'
Date Collected: 04/11/23 13:14
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-1
Matrix: Solid
Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	8260D		1	423301	TL1	EET SEA	04/14/23 18:50
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	NWTPH-Gx		1	423303	TL1	EET SEA	04/14/23 18:50
Total/NA	Prep	3546			423164	E1W	EET SEA	04/13/23 13:35
Total/NA	Analysis	8270E SIM		1	423860	K1K	EET SEA	04/20/23 21:24
Total/NA	Prep	8011			423447	TOA	EET SEA	04/17/23 14:30
Total/NA	Analysis	8011		1	423618	KLW	EET SEA	04/19/23 05:01
Total/NA	Prep	3546			423720	TOA	EET SEA	04/19/23 14:32
Total/NA	Analysis	NWTPH-Dx		1	423886	KLW	EET SEA	04/22/23 04:21
Total/NA	Prep	3050B			423294	DLV	EET SEA	04/14/23 14:51
Total/NA	Analysis	6020B		10	423492	FCW	EET SEA	04/17/23 18:27

Client Sample ID: CB-1 15'
Date Collected: 04/11/23 13:30
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	423213	JL	EET SEA	04/13/23 18:13

Client Sample ID: CB-1 15'
Date Collected: 04/11/23 13:30
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-2
Matrix: Solid
Percent Solids: 97.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	8260D		1	423301	TL1	EET SEA	04/14/23 19:14
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	NWTPH-Gx		1	423303	TL1	EET SEA	04/14/23 19:14
Total/NA	Prep	3546			423164	E1W	EET SEA	04/13/23 13:35
Total/NA	Analysis	8270E SIM		1	423860	K1K	EET SEA	04/20/23 21:43
Total/NA	Prep	8011			423447	TOA	EET SEA	04/17/23 14:30
Total/NA	Analysis	8011		1	423618	KLW	EET SEA	04/19/23 05:47
Total/NA	Prep	3546			423720	TOA	EET SEA	04/19/23 14:32
Total/NA	Analysis	NWTPH-Dx		1	423886	KLW	EET SEA	04/22/23 04:41
Total/NA	Prep	3050B			423294	DLV	EET SEA	04/14/23 14:51
Total/NA	Analysis	6020B		10	423492	FCW	EET SEA	04/17/23 19:05

Lab Chronicle

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 20'
Date Collected: 04/11/23 13:44
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	423213	JL	EET SEA	04/13/23 18:13

Client Sample ID: CB-1 20'
Date Collected: 04/11/23 13:44
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-3
Matrix: Solid
Percent Solids: 94.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	8260D		1	423301	TL1	EET SEA	04/14/23 20:02
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	NWTPH-Gx		1	423303	TL1	EET SEA	04/14/23 20:02
Total/NA	Prep	3546			423164	E1W	EET SEA	04/13/23 13:35
Total/NA	Analysis	8270E SIM		1	423860	K1K	EET SEA	04/20/23 22:02
Total/NA	Prep	8011			423447	TOA	EET SEA	04/17/23 14:30
Total/NA	Analysis	8011		1	423618	KLW	EET SEA	04/19/23 06:03
Total/NA	Prep	3546			423720	TOA	EET SEA	04/19/23 14:32
Total/NA	Analysis	NWTPH-Dx		1	423886	KLW	EET SEA	04/22/23 05:02
Total/NA	Prep	3050B			423294	DLV	EET SEA	04/14/23 14:51
Total/NA	Analysis	6020B		10	423492	FCW	EET SEA	04/17/23 19:07

Client Sample ID: CB-1 25'
Date Collected: 04/11/23 14:01
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	423213	JL	EET SEA	04/13/23 18:13

Client Sample ID: CB-1 25'
Date Collected: 04/11/23 14:01
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-4
Matrix: Solid
Percent Solids: 95.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	8260D		1	423301	TL1	EET SEA	04/14/23 20:26
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	NWTPH-Gx		1	423303	TL1	EET SEA	04/14/23 20:26
Total/NA	Prep	3546			423164	E1W	EET SEA	04/13/23 13:35
Total/NA	Analysis	8270E SIM		1	423860	K1K	EET SEA	04/20/23 22:21
Total/NA	Prep	8011			423447	TOA	EET SEA	04/17/23 14:30
Total/NA	Analysis	8011		1	423618	KLW	EET SEA	04/19/23 06:18
Total/NA	Prep	3546			423720	TOA	EET SEA	04/19/23 14:32
Total/NA	Analysis	NWTPH-Dx		1	423886	KLW	EET SEA	04/22/23 05:22
Total/NA	Prep	3050B			423294	DLV	EET SEA	04/14/23 14:51
Total/NA	Analysis	6020B		10	423492	FCW	EET SEA	04/17/23 19:10

Lab Chronicle

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 30'
Date Collected: 04/11/23 14:22
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	423213	JL	EET SEA	04/13/23 18:13

Client Sample ID: CB-1 30'
Date Collected: 04/11/23 14:22
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-5
Matrix: Solid
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	8260D		1	423301	TL1	EET SEA	04/14/23 20:50
Total/NA	Prep	5035	RA		423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	8260D	RA	1	423607	ASJ	EET SEA	04/19/23 00:11
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	NWTPH-Gx		1	423609	ASJ	EET SEA	04/19/23 00:11
Total/NA	Prep	3546			423164	E1W	EET SEA	04/13/23 13:35
Total/NA	Analysis	8270E SIM		1	423860	K1K	EET SEA	04/20/23 22:41
Total/NA	Prep	8011			423447	TOA	EET SEA	04/17/23 14:30
Total/NA	Analysis	8011		1	423618	KLW	EET SEA	04/19/23 06:34
Total/NA	Prep	3546			423720	TOA	EET SEA	04/19/23 14:32
Total/NA	Analysis	NWTPH-Dx		1	423886	KLW	EET SEA	04/22/23 05:42
Total/NA	Prep	3050B			423294	DLV	EET SEA	04/14/23 14:51
Total/NA	Analysis	6020B		10	423492	FCW	EET SEA	04/17/23 19:13

Client Sample ID: CB-1 35'
Date Collected: 04/11/23 15:00
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	423213	JL	EET SEA	04/13/23 18:13

Client Sample ID: CB-1 35'
Date Collected: 04/11/23 15:00
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-6
Matrix: Solid
Percent Solids: 97.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	8260D		1	423301	TL1	EET SEA	04/14/23 21:14
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	NWTPH-Gx		1	423303	TL1	EET SEA	04/14/23 21:14
Total/NA	Prep	3546			423164	E1W	EET SEA	04/13/23 13:35
Total/NA	Analysis	8270E SIM		1	423860	K1K	EET SEA	04/20/23 23:00
Total/NA	Prep	8011			423447	TOA	EET SEA	04/17/23 14:30
Total/NA	Analysis	8011		1	423618	KLW	EET SEA	04/19/23 07:20
Total/NA	Prep	3546			423720	TOA	EET SEA	04/19/23 14:32
Total/NA	Analysis	NWTPH-Dx		1	423886	KLW	EET SEA	04/22/23 06:02

Lab Chronicle

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 35'
Date Collected: 04/11/23 15:00
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-6
Matrix: Solid
Percent Solids: 97.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			423294	DLV	EET SEA	04/14/23 14:51
Total/NA	Analysis	6020B		10	423492	FCW	EET SEA	04/17/23 19:16

Client Sample ID: CB-1 40'
Date Collected: 04/11/23 15:47
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	423213	JL	EET SEA	04/13/23 18:13

Client Sample ID: CB-1 40'
Date Collected: 04/11/23 15:47
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-7
Matrix: Solid
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	8260D		1	423301	TL1	EET SEA	04/14/23 21:38
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	NWTPH-Gx		1	423609	ASJ	EET SEA	04/19/23 00:59
Total/NA	Prep	3546			423164	E1W	EET SEA	04/13/23 13:35
Total/NA	Analysis	8270E SIM		1	423860	K1K	EET SEA	04/20/23 23:19
Total/NA	Prep	8011			423447	TOA	EET SEA	04/17/23 14:30
Total/NA	Analysis	8011		1	423618	KLW	EET SEA	04/19/23 07:35
Total/NA	Prep	3546			423720	TOA	EET SEA	04/19/23 14:32
Total/NA	Analysis	NWTPH-Dx		1	424006	KLW	EET SEA	04/25/23 03:10
Total/NA	Prep	3050B			423294	DLV	EET SEA	04/14/23 14:51
Total/NA	Analysis	6020B		10	423492	FCW	EET SEA	04/17/23 19:18

Client Sample ID: CB-1 45'
Date Collected: 04/11/23 16:07
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	423482	JLS	EET SEA	04/17/23 17:46

Client Sample ID: CB-1 45'
Date Collected: 04/11/23 16:07
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-8
Matrix: Solid
Percent Solids: 96.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	8260D		1	423301	TL1	EET SEA	04/14/23 22:02
Total/NA	Prep	5035	RA		423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	8260D	RA	1	423607	ASJ	EET SEA	04/19/23 01:22
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	NWTPH-Gx		1	423609	ASJ	EET SEA	04/19/23 01:22

Lab Chronicle

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 45'
Date Collected: 04/11/23 16:07
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-8
Matrix: Solid
Percent Solids: 96.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	8011			423447	TOA	EET SEA	04/17/23 14:30
Total/NA	Analysis	8011		1	423618	KLW	EET SEA	04/19/23 07:51
Total/NA	Prep	3546			423720	TOA	EET SEA	04/19/23 14:32
Total/NA	Analysis	NWTPH-Dx		1	424006	KLW	EET SEA	04/25/23 03:30

Client Sample ID: CB-1 50'
Date Collected: 04/11/23 16:29
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	423482	JLS	EET SEA	04/17/23 17:46

Client Sample ID: CB-1 50'
Date Collected: 04/11/23 16:29
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-9
Matrix: Solid
Percent Solids: 96.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	8260D		1	423301	TL1	EET SEA	04/14/23 22:50
Total/NA	Prep	5035	RA		423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	8260D	RA	1	423607	ASJ	EET SEA	04/19/23 01:47
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	NWTPH-Gx		1	423609	ASJ	EET SEA	04/19/23 01:47
Total/NA	Prep	3546			423164	E1W	EET SEA	04/13/23 13:35
Total/NA	Analysis	8270E SIM		1	423860	K1K	EET SEA	04/20/23 23:38
Total/NA	Prep	8011			423447	TOA	EET SEA	04/17/23 14:30
Total/NA	Analysis	8011		1	423618	KLW	EET SEA	04/19/23 08:06
Total/NA	Prep	3546			423720	TOA	EET SEA	04/19/23 14:32
Total/NA	Analysis	NWTPH-Dx		1	423886	KLW	EET SEA	04/22/23 07:23
Total/NA	Prep	3050B			423294	DLV	EET SEA	04/14/23 14:51
Total/NA	Analysis	6020B		10	423492	FCW	EET SEA	04/17/23 19:21

Client Sample ID: CB-1 55'
Date Collected: 04/12/23 07:14
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	423482	JLS	EET SEA	04/17/23 17:46

Client Sample ID: CB-1 55'
Date Collected: 04/12/23 07:14
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-10
Matrix: Solid
Percent Solids: 94.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	8260D		1	423301	TL1	EET SEA	04/14/23 22:26

Lab Chronicle

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 55'
Date Collected: 04/12/23 07:14
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-10
Matrix: Solid
Percent Solids: 94.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035	DL		423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	8260D	DL	1	423607	ASJ	EET SEA	04/18/23 22:34
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	NWTPH-Gx		1	423609	ASJ	EET SEA	04/18/23 22:34
Total/NA	Prep	8011			423447	TOA	EET SEA	04/17/23 14:30
Total/NA	Analysis	8011		1	423618	KLW	EET SEA	04/19/23 08:22
Total/NA	Prep	3546			423720	TOA	EET SEA	04/19/23 14:32
Total/NA	Analysis	NWTPH-Dx		1	423886	KLW	EET SEA	04/22/23 07:43

Client Sample ID: CB-1 60'
Date Collected: 04/12/23 07:22
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	423482	JLS	EET SEA	04/17/23 17:47

Client Sample ID: CB-1 60'
Date Collected: 04/12/23 07:22
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-11
Matrix: Solid
Percent Solids: 95.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	8260D		1	423301	TL1	EET SEA	04/14/23 23:14
Total/NA	Prep	5035	DL		423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	8260D	DL	1	423607	ASJ	EET SEA	04/18/23 22:58
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	NWTPH-Gx		1	423609	ASJ	EET SEA	04/18/23 22:58
Total/NA	Prep	3546	DL		423164	E1W	EET SEA	04/13/23 13:35
Total/NA	Analysis	8270E SIM	DL	20	424691	T1L	EET SEA	05/02/23 21:23
Total/NA	Prep	3546			423164	E1W	EET SEA	04/13/23 13:35
Total/NA	Analysis	8270E SIM		1	423860	K1K	EET SEA	04/20/23 23:57
Total/NA	Prep	8011			423447	TOA	EET SEA	04/17/23 14:30
Total/NA	Analysis	8011		1	423618	KLW	EET SEA	04/19/23 08:37
Total/NA	Prep	3546			423720	TOA	EET SEA	04/19/23 14:32
Total/NA	Analysis	NWTPH-Dx		1	423886	KLW	EET SEA	04/22/23 08:03
Total/NA	Prep	3050B			423294	DLV	EET SEA	04/14/23 14:51
Total/NA	Analysis	6020B		10	423492	FCW	EET SEA	04/17/23 19:24

Client Sample ID: CB-1 65'
Date Collected: 04/12/23 08:00
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	423482	JLS	EET SEA	04/17/23 17:47

Client Sample ID: CB-1 65'

Lab Sample ID: 580-125936-12
Date Collected: 04/12/23 08:00
Matrix: Solid
Date Received: 04/12/23 14:46
Percent Solids: 93.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	8260D		1	423301	TL1	EET SEA	04/14/23 23:38
Total/NA	Prep	5035	RA		423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	8260D	RA	1	423607	ASJ	EET SEA	04/19/23 02:59
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	NWTPH-Gx		1	423609	ASJ	EET SEA	04/19/23 02:59
Total/NA	Prep	8011			423447	TOA	EET SEA	04/17/23 14:30
Total/NA	Analysis	8011		1	423618	KLW	EET SEA	04/19/23 08:52
Total/NA	Prep	3546			423720	TOA	EET SEA	04/19/23 14:32
Total/NA	Analysis	NWTPH-Dx		1	423886	KLW	EET SEA	04/22/23 08:23

Client Sample ID: CB-1 70'

Lab Sample ID: 580-125936-13
Date Collected: 04/12/23 08:25
Matrix: Solid
Date Received: 04/12/23 14:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	423482	JLS	EET SEA	04/17/23 17:47

Client Sample ID: CB-1 70'

Lab Sample ID: 580-125936-13
Date Collected: 04/12/23 08:25
Matrix: Solid
Date Received: 04/12/23 14:46
Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	8260D		1	423301	TL1	EET SEA	04/15/23 00:26
Total/NA	Prep	5035	RA		423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	8260D	RA	1	423607	ASJ	EET SEA	04/19/23 03:23
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	NWTPH-Gx		1	423609	ASJ	EET SEA	04/19/23 03:23
Total/NA	Prep	3546			423164	E1W	EET SEA	04/13/23 13:35
Total/NA	Analysis	8270E SIM		1	423860	K1K	EET SEA	04/21/23 00:16
Total/NA	Prep	8011			423447	TOA	EET SEA	04/17/23 14:30
Total/NA	Analysis	8011		1	423618	KLW	EET SEA	04/19/23 09:08
Total/NA	Prep	3546			423720	TOA	EET SEA	04/19/23 14:32
Total/NA	Analysis	NWTPH-Dx		1	423886	KLW	EET SEA	04/22/23 08:44
Total/NA	Prep	3050B			423294	DLV	EET SEA	04/14/23 14:51
Total/NA	Analysis	6020B		10	423492	FCW	EET SEA	04/17/23 19:26

Client Sample ID: CB-1 75'

Lab Sample ID: 580-125936-14
Date Collected: 04/12/23 08:54
Matrix: Solid
Date Received: 04/12/23 14:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	423482	JLS	EET SEA	04/17/23 17:47

Lab Chronicle

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Client Sample ID: CB-1 75'

Date Collected: 04/12/23 08:54
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-14

Matrix: Solid
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	8260D		1	423301	TL1	EET SEA	04/15/23 00:50
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	NWTPH-Gx		1	423609	ASJ	EET SEA	04/19/23 03:47
Total/NA	Prep	8011			423447	TOA	EET SEA	04/17/23 14:30
Total/NA	Analysis	8011		1	423618	KLW	EET SEA	04/19/23 09:23
Total/NA	Prep	3546			423720	TOA	EET SEA	04/19/23 14:32
Total/NA	Analysis	NWTPH-Dx		1	423886	KLW	EET SEA	04/22/23 09:04

Client Sample ID: CB-1 80'

Date Collected: 04/12/23 09:25
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540G		1	423482	JLS	EET SEA	04/17/23 17:47

Client Sample ID: CB-1 80'

Date Collected: 04/12/23 09:25
Date Received: 04/12/23 14:46

Lab Sample ID: 580-125936-15

Matrix: Solid
Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	8260D		1	423301	TL1	EET SEA	04/15/23 01:14
Total/NA	Prep	5035			423288	ASJ	EET SEA	04/14/23 14:16
Total/NA	Analysis	NWTPH-Gx		1	423609	ASJ	EET SEA	04/19/23 04:11
Total/NA	Prep	3546			423164	E1W	EET SEA	04/13/23 13:35
Total/NA	Analysis	8270E SIM		1	423860	K1K	EET SEA	04/21/23 00:35
Total/NA	Prep	8011			423447	TOA	EET SEA	04/17/23 14:30
Total/NA	Analysis	8011		1	423618	KLW	EET SEA	04/19/23 09:38
Total/NA	Prep	3546			423720	TOA	EET SEA	04/19/23 14:32
Total/NA	Analysis	NWTPH-Dx		1	423886	KLW	EET SEA	04/22/23 09:24
Total/NA	Prep	3050B			423294	DLV	EET SEA	04/14/23 14:51
Total/NA	Analysis	6020B		10	423492	FCW	EET SEA	04/17/23 19:29

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Laboratory: Eurofins Seattle

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Washington	State	C788	07-13-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540G		Solid	Percent Moisture
2540G		Solid	Percent Solids

Sample Summary

Client: Blaes Environmental Inc.
Project/Site: Circle K # 6049

Job ID: 580-125936-1
SDG: 2706049 Kennewick, WA

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-125936-1	CB-1 10'	Solid	04/11/23 13:14	04/12/23 14:46
580-125936-2	CB-1 15'	Solid	04/11/23 13:30	04/12/23 14:46
580-125936-3	CB-1 20'	Solid	04/11/23 13:44	04/12/23 14:46
580-125936-4	CB-1 25'	Solid	04/11/23 14:01	04/12/23 14:46
580-125936-5	CB-1 30'	Solid	04/11/23 14:22	04/12/23 14:46
580-125936-6	CB-1 35'	Solid	04/11/23 15:00	04/12/23 14:46
580-125936-7	CB-1 40'	Solid	04/11/23 15:47	04/12/23 14:46
580-125936-8	CB-1 45'	Solid	04/11/23 16:07	04/12/23 14:46
580-125936-9	CB-1 50'	Solid	04/11/23 16:29	04/12/23 14:46
580-125936-10	CB-1 55'	Solid	04/12/23 07:14	04/12/23 14:46
580-125936-11	CB-1 60'	Solid	04/12/23 07:22	04/12/23 14:46
580-125936-12	CB-1 65'	Solid	04/12/23 08:00	04/12/23 14:46
580-125936-13	CB-1 70'	Solid	04/12/23 08:25	04/12/23 14:46
580-125936-14	CB-1 75'	Solid	04/12/23 08:54	04/12/23 14:46
580-125936-15	CB-1 80'	Solid	04/12/23 09:25	04/12/23 14:46

Eurofins Environmental Testing Northwest, LLC
5755 8th Street East
Tacoma, WA 98424

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: D. BLAES	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact: DAN BLAES	Phone: 602-728-0707	E-Mail:	State of Origin:	Page: Page 1 of 2
Company: BLAES ENVIRONMENTAL	PWSID:			Job #:
Address: 45 EAST MONTEREY WAY #200	Due Date Requested:	Analysis Requested		
City: PHOENIX	TAT Requested (days): NORMAL			Preservation Codes:
State, Zip: AZ 85012	Compliance Project: Δ Yes Δ No			A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Z - other (specify)
Phone: 602-728-0707	PO #: Purchase Order not required			Other:
Email: DBLAES@BLAESENVIRONMENTAL.COM	WO #: 202-6049			
Project Name: CIRCLE K #6049	Project #: 2706049			
Site: 2706049 KENNEWICK WA	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Preservation Code:	NWTPH-GX	NWTPH-DX	8260 VOC's Full List	8270 PAH's	ARSENIC	LEAD	EDB/EDC	Total Number of containers	Special Instructions/Note:
CB-1 10'	4/11/23	1:14	G	SOIL		X	X	X	X	X	X	X		
CB-1 15'		1:30				X	X	X	X	X	X	X		
CB-1 20'		1:44				X	X	X	X	X	X	X		
CB-1 25'		2:01				X	X	X	X	X	X	X		
CB-1 30'		2:22				X	X	X	X	X	X	X		
CB-1 35'		3:00				X	X	X	X	X	X	X		
CB-1 40'		3:47				X	X	X	X	X	X	X		
CB-1 45'		4:07				X	X	X				X		
CB-1 50'		4:29				X	X	X	X	X	X	X		
CB-1 55'	4/12/23	7:14 AM				X	X	X				X		
CB-1 60'	4/12/23	7:22				X	X	X	X	X	X	X		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 4/12/22 2:45 pm	Company: BLAES	Received by:	Date/Time:	Company
Relinquished by:	Company	Received by:	Date/Time: 4/12/23 1446	Company: EETN
Relinquished by:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal I

Cooler Temperature(s) °C and Other Remarks: 1.9 5.8/6.1 LB 3.1/1.4★

580-125936 Chain of Custody

Ver: 01/16/2019

Eurofins Environmental Testing Northwest, LLC
5755 8th Street East
Tacoma, WA 98424

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: D. BUCS	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact: DAN BUCS	Phone: 602 728-0707	E-Mail:	State of Origin:	Page: Page 1 of 2
Company: BUCS ENVIRONMENTAL	PWSID:			Job #:
Address: 45 E. MONTEREY WAY #200	Due Date Requested:			
City: PHOENIX, AZ	TAT Requested (days): NORMAL			
State, Zip: 85012	Compliance Project: Δ Yes Δ No			
Phone: 602-728-0707	PO #: Purchase Order not required			
Email: DBUCS@BUCSENVIRONMENTAL.COM	WO #: 702-6049			
Project Name: CIRCLE K #6049	Project #: 2706049			
Site: 2706049 KENNEWICK WA	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Preservation Code:	NWTPH-GX	NWTPH-DX	8260 VOC's Full List	8270 PAH's	ARSENIC	LEAD	Special Instructions/Note:
CB-1 65'	4/12/23	8:00	G	SOIL		X	X	X				
CB-1 70'		8:25				X	X	X	X	X	X	
CB-1 75'		8:54				X	X	X				
CB-1 80		9:25				X	X	X	X	X	X	

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify), Other:

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	4/12/23 2:45p	BUCS			
2	Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 4/12/23 1446	Company EETN
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Blaes Environmental Inc.

Job Number: 580-125936-1
SDG Number: 2706049 Kennewick, WA

Login Number: 125936
List Number: 1
Creator: Presley, Kim A

List Source: Eurofins Seattle

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

BORING NUMBER CB2

CLIENT Circle K Stores, Inc. **PROJECT NAME** Circle K#6049

PROJECT NUMBER 202-6049-07 **PROJECT LOCATION** 6006 West Clearwater Ave, Kennewick, WA

DATE STARTED 4/11/23 **COMPLETED** 4/11/23 **GROUND ELEVATION** _____ **HOLE DIAMETER** 8 inches

DRILLING CONTRACTOR Yellow Jacket Drilling **GROUND WATER LEVEL (ft. bgs):** _____

DRILLING METHOD Sonic **DATE/TIME** _____

DRILL RIG MODEL Sonic T150 **DRILLERS NAME** Mike Anderson **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	Concrete (0' to 1')
10	08:15	CC CB2-10			0.1		(SW) Sand; silty, fine to coarse grained with gravel, loose, brown, dry, no odor	
15	08:26	CC CB2-15		100	0.3		(SW) Sand; fine grained wth gravel, loose, gray, dry, no odor	Hydrated Bentonite (1' to 35')
20	08:45	CC CB2-20			0.2		(SW) Sand; fine to medium grained with gravel, loose, dry, no odor	
25	09:20	CC CB2-25			0.1		(SW) Sand; fine grained with gravel and cobbles, loose, gray, dry, no odor	
30	10:02	CC CB2-30			0.2		(SW) Sand; silty, fine grained with gravel and cobbles, loose, gray, dry, no odor	
35	11:10	CC CB2-35			1.2	35.0	(SW) Sand; fine to coarse grained, well graded, with cobbles and gravel, loose, gray, dry, no odor	
							Bottom of borehole at 35.0 feet.	