

GROUNDWATER MONITORING REPORT

CIRCLE K STORE #2706042
10171 U.S. HIGHWAY 12
NACHES, WASHINGTON 98937

SAMPLING DATE: May 16, 2022

PREPARED FOR:



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BLAES PROJECT #202-06042-10

JUNE 12, 2022

This *Groundwater Monitoring Report* has been prepared by Blaes Environmental Management, Inc. for the exclusive use of Circle K Stores Inc. as it pertains to Circle K Store #2706042 located at 10171 U.S. Highway 12 in Naches, 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 Stores Inc. as outlined in this document. It should be understood by all parties that Blaes Environmental Management, Inc. has relied on the accuracy of documents, oral information, and other materials, services, and information provided by Circle K Stores Inc., subcontractors, and other associated parties. Any subsequent modification, revision or verification of this report must be provided in writing by Blaes Environmental Management, Inc.

All work associated with this project will be performed under the supervision of a State of Washington Licensed Geologist/Hydrogeologist.

Prepared By:
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Daniel Michael Blaes

Blaes Project #202-06042-10

June 12, 2022

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1.0 INTRODUCTION

This groundwater monitoring report was prepared by Blaes Environmental Management, Inc. (Blaes Environmental), on behalf of Circle K Stores Inc. (Circle K) for Circle K Store #2706042 located at 10171 U.S. Highway 12 in Naches, Washington (Figure 1). This periodic groundwater monitoring program was conducted following a detection of petroleum hydrocarbon constituents in 2013 near the intersection of Naches Avenue and Highway 12 (associated with a past release at the site) and following ongoing soil and groundwater remediation efforts at the property. This is the sixth event that was conducted following the installation of an additional groundwater monitoring well (MW-9) on the property located across Highway 12 south of the Circle K site.

In May 2022, Blaes Environmental conducted another groundwater monitoring event at the site using eight of the nine existing groundwater monitoring wells (MW-1, MW-2, MW-3, MW-4, MW-6, MW-7, MW-8, and MW-9) for this event. The sampling event involved: (1) measuring the depth to groundwater in the wells to be sampled; (2) purging and collecting a groundwater sample from the wells; and (3) analyzing the groundwater samples at an analytical laboratory for petroleum constituents.

The data from this sampling event was compared to the data from the past groundwater sampling events as a continued evaluation of the effectiveness of the air sparge injection events conducted during the summers of 2017 and 2018 and the summer of 2019. The following sections of this report include the description of the procedures and findings of the most recent groundwater monitoring event.

2.0 BACKGROUND INFORMATION

This section presents information regarding the site and provides a summary of the site background. The information was obtained from public records, the project files of Blaes Environmental, and the records of Circle K.

2.1 SITE LOCATION AND LAND USE

The property is located on the northwest corner of the intersection of Naches Avenue and Highway 12 in Naches, Washington. The property is within Section 4, Township 14 North, Range 17 East of the Naches 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 Circle K Store) and three 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, 43 minutes, 43.32 seconds North and longitude 210 degrees, 42 minutes, 01.73 seconds West as measured on Google Earth 2013.

The area surrounding the site consists of a mixture of commercial businesses and residential development. Commercial businesses are located southeast, west, and east-southeast of the site. Residential development is located south (across Highway 12), immediately north, and east (across the Naches Avenue), of the site.

2.2 SITE PHYSIOGRAPHY

The property lies at an elevation of approximately 1468 feet above Mean Sea Level (Google Earth 2013). Natural surface drainage in the area is towards the south-southwest towards the Naches River (U.S. Geological Survey 7 ½ -minute Topographic Quadrangle). On-site drainage is predominantly away from the building, towards the storm drains, to the north and east and east to Naches Avenue.

2.3 SITE LITHOLOGY AND DEPTH TO GROUNDWATER

The soil types in the immediate vicinity consists of Naches River Deposits. These deposits are composed of brown sandy loam with approximately 80 percent gravel, cobbles, and boulders up to approximately two feet (2) in diameter. The highly coarse soils extend to a depth of at least 25 feet below the ground surface. The soils in the lower part of the zone contain some clay.

Groundwater was encountered within the tank pit at approximately 11 feet below the ground surface in 1992 and logs of wells in the area also show the water level to be between 9 and 13 feet below the ground surface depending on the season of year. Groundwater was encountered at a depth of approximately 9 to 11 feet below the ground surface within the wells sampled during this investigation. Groundwater flow is predominantly toward the south at the site.

2.4 SENSITIVE RECEPTORS

The Naches River is approximately 1,500 feet south of the site and the open irrigation ditch (trending approximately north-south) is approximately 75 feet east of the site. There are no additional surface water bodies or wetlands within one-mile of the site. Residences are located directly north of the site, across Naches Avenue to the east, and across U.S. Highway 12 to the south of the site.

The Naches Valley Middle School is located approximately 1,287 feet east-northeast of the site. The Naches Valley Intermediate School is located approximately 1,689 feet east-northeast of the site. The Naches Valley High School is located approximately 2,914 feet north-northwest of the site.

2.5 PREVIOUS INVESTIGATIONS

2.5.1 Limited Site Check: 1992

Previous investigations conducted at the site included a limited site check and sampling program in 1992 at the former Naches Chevron Facility. The investigation indicated gasoline range organics (GRO) in soil and GRO and lead in groundwater, adjacent to the former supreme unleaded gasoline UST, in excess of WDOE "Method A Clean-Up Levels". An Interim Status Report was prepared and submitted to the WDOE by Sage Earth Sciences, Inc. in October 1992. After the leak had been repaired the excavation was reportedly left open for approximately 15 months and then backfilled around the existing USTs.

2.5.2 UST Removal: 1998

In 1994 the three existing USTs were removed and replaced with fiberglass USTs. Subsequent soil and groundwater sampling during the tank removal revealed GRO in the groundwater beneath the site. Concentrations of soluble lead were not found in the soil sample collected at the site. The groundwater sample was not analyzed for soluble lead during this program. A UST Closure Site Assessment & Interim Remediation Report was prepared and submitted to the WDOE by White Shield, Inc. in March 1994.

2.5.3 WDOE Correspondence 1998-2001

In October 1998 the property owner, Mr. Mike Abhold, contacted WDOE indicating that he “believes that natural attenuation mechanisms have cleaned the residual groundwater at this site” and he wanted input from WDOE. WDOE responded to Mr. Abhold indicating that “groundwater samples to confirm natural attenuation and a site cleanup report” would be required. In 2001 the UST file was reviewed by Mr. Brian T. Deeken with WDOE and it was determined that there had been no change of status at the site since 1998. Based on this file review, Mr. John Mefford, L.G. the current WDOE manager for this site contacted Circle K (following the purchase of the site from Sun Pacific Energy) asking for the current site status.

2.5.4 Site Characterization Activities

Circle K contracted Blaes Environmental to conduct a program to determine if groundwater beneath the site had been impacted by petroleum hydrocarbons. The program included drilling and installation of four groundwater monitoring wells and collection and analyses of groundwater samples and the preparation of the October 2013 Site Characterization Report documenting the activities. Cascade Drilling of Woodinville, Washington was contracted to drill the soil borings for the four wells using a hollow-stem auger drilling rig. The boreholes were drilled on July 22 and 23, 2013 to depths ranging from approximately 14 feet below the ground surface (MW-3) to approximately 15’ below the ground surface (MW-1) before large cobbles triggered auger refusal.

A total of five soil samples (one from wells MW-2, MW-3, and MW-1 and two from MW-1) were collected during the site characterization program and delivered by Blaes Environmental, under proper chain-of-custody record, to Test America in Seattle, Washington. Soil samples from the soil borings were analyzed for NWTPH-GX (GRO), NWTPH-DX (DRO), and for VOCs including Benzene, Toluene, Ethylbenzene, & Total Xylenes (BTEX), fuel oxygenates including methyl-tert butyl ether (MTBE), and ethylene dibromide (EDB) according to EPA Method 8260. Laboratory analytical results indicated concentrations of m-Xylenes & p-Xylenes (3.4 ug/Kg) and 1,2,4-Trimethylbenzene above laboratory reporting limits in the soil sample collected from the boring at MW-3 near the intersection. No other detectable concentrations of GRO, DRO, BTEX, VOC, or EDB were found in any other soil sample.

2.5.5 Groundwater Monitoring and Sampling

On August 18, 2013 Blaes Environmental conducted a groundwater monitoring and sampling event within the newly installed wells. The groundwater monitoring and sampling event consisted of three

tasks: 1) measuring the depth to groundwater in the wells; 2) purging water from each well using a low-flow device and collecting a groundwater sample; and 3) analyzing the groundwater samples at a State of Washington certified analytical laboratory. A copy of the report entitled *Site Characterization Report*, prepared by Blaes Environmental, dated October 31, 2013, is on file with WDOE.

On August 8, 2014, Blaes Environmental conducted a groundwater monitoring and sampling event within the four groundwater monitoring wells at the site (MW-1, MW-2, MW-3, and MW-4). The groundwater monitoring and sampling event consisted of three tasks: 1) measuring the depth to groundwater in the wells; 2) purging water from each well using low-flow pump and collecting a groundwater sample from each well; and 3) analyzing the groundwater samples at a State of Washington certified analytical laboratory. A copy of the report entitled *Groundwater Monitoring Report*, prepared by Blaes Environmental, dated August 25, 2014, is on file with WDOE.

On December 10, 2014, Blaes Environmental conducted a groundwater monitoring and sampling event within the four groundwater monitoring wells at the site (MW-1, MW-2, MW-3, and MW-4). The groundwater monitoring and sampling event consisted of three tasks: 1) measuring the depth to groundwater in the wells; 2) purging water from each well using low-flow pump and collecting a groundwater sample from each well; and 3) analyzing the groundwater samples at a State of Washington certified analytical laboratory. A copy of the report entitled *Groundwater Monitoring Report*, prepared by Blaes Environmental, dated December 31, 2014, is on file with WDOE.

On May 28, 2015, Blaes Environmental conducted another groundwater monitoring and sampling event within the four groundwater monitoring wells at the site (MW-1, MW-2, MW-3, and MW-4). The groundwater monitoring and sampling event consisted of three tasks: 1) measuring the depth to groundwater in the wells; 2) grabbing a groundwater sample from each well without purging; and 3) analyzing the groundwater samples at a State of Washington certified analytical laboratory. A copy of the report entitled *Groundwater Monitoring Report*, prepared by Blaes Environmental, dated June 8, 2015, is on file with WDOE.

On November 12, 2015, Blaes Environmental conducted a groundwater monitoring and sampling event within the four groundwater monitoring wells at the site (MW-1, MW-2, MW-3, and MW-4). The groundwater monitoring and sampling event consisted of three tasks: (1) measuring the depth to groundwater in the wells, and (2) analyzing the groundwater samples at a State of Washington certified

analytical laboratory. A copy of the report entitled *Groundwater Monitoring Report*, prepared by Blaes Environmental, dated December 21, 2015, is on file with WDOE.

2.5.6 Additional Groundwater Monitoring and Remediation Well Installation

In June 2016, Blaes Environmental, in conjunction with Cascade Drilling of Federal Way, Washington installed four additional groundwater monitoring wells and 11 air sparge remediation wells at the site. The objective of the additional monitoring wells was to further understand the lateral distribution of petroleum hydrocarbon concentrations under the property. The objective of the air sparge wells was to provide a remediation mechanism to start reducing the volatile hydrocarbon constituents at the site.

The four new groundwater monitoring wells (MW-5, MW-6, MW-7, and MW-8) were each drilled to a depth of approximately 25 feet below the ground surface using a sonic drilling rig. Each 2-inch diameter PVC monitoring well was screened from approximately 5 feet to 25 feet below the ground surface. The 11 new air sparge remediation wells were each drilled to a depth of approximately 25 feet below the ground surface using a sonic drilling rig. Each 2-inch diameter PVC monitoring well was screened from approximately 20 feet to 25 feet below the ground surface. The location of each new well is shown on the Site Plan in Figure 2. Additional data from this well installation program will be submitted in a separate report.

2.5.7 Subsequent Groundwater Monitoring and Sampling

In March 2017, an additional groundwater sampling event was conducted to evaluate the site conditions prior to the 2017 remediation events. The results of the sampling event were submitted to WDOE in a report dated May 1, 2017. The results of the March 2017 sampling event showed an additional rebound in the petroleum hydrocarbons but a reduction in benzene and other hydrocarbon constituents. The only monitoring well with hydrocarbon detections was MW-3 near the southeast corner of the property.

In June 2017, an additional groundwater sampling event was conducted to evaluate the site conditions prior to the summer 2017 remediation events. The results of the sampling event were submitted to WDOE in a report dated July 9, 2017. The results of the June 2017 sampling event showed a decrease in the petroleum hydrocarbons. Again, the only monitoring well with hydrocarbon detections was MW-3 near the southeast corner of the property.

In September 2017, an additional groundwater sampling event was conducted to evaluate the site conditions prior to the summer 2017 remediation events. The results of the sampling event were submitted to WDOE in a report dated October 13, 2017. The results of the September 2017 sampling event showed a decrease in the petroleum hydrocarbons. Again, the only monitoring well with hydrocarbon detections was MW-3 near the southeast corner of the property.

In December 2017, an additional groundwater sampling event was conducted to evaluate the site conditions prior to the summer 2018 remediation events. The results of the sampling event were submitted to WDOE in a report dated December 15, 2017. The results of the December 2017 sampling event showed a slight decrease in the petroleum hydrocarbons. Again, the only monitoring well with hydrocarbon detections was MW-3 near the southeast corner of the property.

In March 2018, an additional groundwater sampling event was conducted to evaluate the site conditions prior to the summer 2018 remediation events. The results of the sampling event were submitted to WDOE in a report dated March 16, 2018. The results of the March 2018 sampling event showed a slight decrease in the petroleum hydrocarbons compared with the December 2017 event. Again, the only monitoring well with hydrocarbon detections was MW-3 near the southeast corner of the property.

In July 2018, an additional groundwater sampling event was conducted to evaluate the site conditions prior to the autumn 2018 remediation events. The results of the sampling event were submitted to WDOE in a report dated July 31, 2018. The results of the July 2018 sampling event showed a slight decrease in the petroleum hydrocarbons compared with the March 2018 event. Again, the only monitoring well with hydrocarbon detections was MW-3 near the southeast corner of the property.

In September 2018, an additional groundwater sampling event was conducted at the site. The results of the sampling event were submitted to WDOE in a report dated September 24, 2018. The results of the September 2018 sampling event showed a decrease in the petroleum hydrocarbons compared with the July 2018 event. Again, the only monitoring well with hydrocarbon detections was MW-3 near the southeast corner of the property.

In late November 2018, an additional groundwater sampling event was conducted at the site. The results of the sampling event were submitted to WDOE in a report dated December 19, 2018. The results of the December 2018 sampling event showed about the same level of petroleum hydrocarbon

constituents compared with the July 2018 and September 2018 events. Again, the only monitoring well with hydrocarbon detections was MW-3 near the southeast corner of the property.

In April 2019, an additional groundwater sampling event was conducted at the site. The results of the sampling event were submitted to WDOE in a report dated May 3, 2019. The results of the April 2019 sampling event showed about the same level of petroleum hydrocarbon constituents compared with the November 2018 event. Again, the only monitoring well with hydrocarbon detections was MW-3 near the southeast corner of the property.

In July 2019, an additional groundwater sampling event was conducted at the site. The results of the sampling event were submitted to WDOE in a report dated July 26, 2019. The results of the July 2019 sampling event showed a decrease in the benzene level in well MW-3 compared to the previous sampling event. Again, the only monitoring well with hydrocarbon detections was MW-3 near the southeast corner of the property.

In September 2019, an additional groundwater sampling event was conducted at the site. The results of the sampling event were submitted to WDOE in a report dated October 17, 2019. The results of the September 2019 sampling event showed a continued impact of TPH in well MW-3 only. The only monitoring well with hydrocarbon detections was MW-3 near the southeast corner of the property. The benzene concentration in that well remained below the WDOE MTCA action level.

In January 2020, an additional groundwater sampling event was conducted at the site. The results of the sampling event were submitted to WDOE in a report dated February 13, 2020. The results of the January 2020 sampling event showed a continued impact of TPH in well MW-3 on the southeastern portion of the site. The benzene concentration in that well remained below the WDOE MTCA action level.

In May 2020, an additional groundwater sampling event was conducted at the site. The results of the sampling event were submitted to WDOE in a report dated May 16, 2020. During this sampling event, there was a decrease in benzene in the groundwater within well MW-3 and decreases in gasoline Range and diesel Range Organics in well MW-3 from this event compared to the sampling event conducted in January 2020. The benzene concentration is still below the MTCA Method A level and now both the gasoline and diesel range organics were also below MTCA Method A levels.

In November 2020, an additional groundwater sampling event was conducted at the site. The results of the sampling event were submitted to WDOE in a report dated December 12, 2020. Based on the analytical results from the groundwater samples, there was a slight increase in benzene in the groundwater within well MW-3 and a larger increase in gasoline Range and diesel Range Organics in well MW-3 from this event compared to the sampling event conducted in May 2020. The benzene concentration in well MW-3 is still below the MTCA Method A level but now both the gasoline and diesel range organics are back up above the MTCA Method A levels. The laboratory results from the groundwater sample collected from the newly installed well MW-9 show slight concentrations of both benzene and toluene with both concentrations below the MTCA Method A respective levels.

In April 2021, an additional groundwater sampling event was conducted at the site. The results of the sampling event were submitted to WDOE in a report dated May 1, 2021. Based on the analytical results from the groundwater samples collected on April 20, 2021, there was a decrease in benzene in the groundwater within well MW-3 and MW-9 compared to the sampling event conducted in November 2020. The benzene concentrations in wells MW-3 and MW-9 were still below the MTCA Method A level but the diesel range organics in well MW-3 was above the MTCA Method A levels during the event.

In July 2021, an additional groundwater sampling event was conducted at the site. The results of the sampling event were submitted to WDOE in a report dated August 12, 2021. Based on the analytical results from the groundwater samples collected on July 27, 2021, there were no laboratory reported concentrations of benzene in wells MW-3 or MW-9. The lab results showed that the detections of petroleum hydrocarbons in the groundwater within the two wells remained substantially the same as the previous groundwater sampling event.

In September 2021, an additional groundwater sampling event was conducted at the site. The results of the sampling event were submitted to WDOE in a report dated October 1, 2021. Based on the analytical results from the groundwater samples collected on September 22, 2021, there were no laboratory reported concentrations of benzene in wells MW-3 or MW-9. The lab results showed that the select detections of petroleum hydrocarbons in the groundwater within well MW-3 were below MTCA Method A concentration thresholds. Further, there were no detection of VOCs in the groundwater within well MW-9.

In December 2021, an additional groundwater sampling event was conducted at the site. The results of the sampling event were submitted to WDOE in a report dated December 18, 2021. Based on the analytical results from the groundwater samples collected on December 8, 2021, there were no laboratory reported concentrations of TPH or VOC constituents (including benzene) above MTCA Method A regulatory thresholds in wells MW-3 or MW-9.

2.5.8 Soil Vapor Extraction and Groundwater Air Sparge Events

In August 2016, during a scheduled addition of diesel fuel and fuel system repipe project the site by Circle K, Blaes Environmental conducted a soil vapor extraction and groundwater air sparging remediation pilot test event at the site. The objective of the pilot test program was to evaluate whether petroleum hydrocarbon concentrations in the vadose zone soil and in the groundwater saturated zone could be significantly reduced in the southeast part of the site without installing a full fixed-based remediation system. The program utilized a mobile trailer-mounted all-electric catalytic oxidizer (powered by its own diesel generator) to extract and treat soil vapor and a mobile air sparge compressor (powered by a separate diesel generator) to inject air. All of the equipment was located near the corner of the intersection. Select monitoring wells were used as the vapor extraction points and many of the new air sparge wells were used to inject air into the groundwater during the test.

The air sparge test was conducted from August 15, 2016 to August 26, 2016. The vapor extraction test was completed near the end of the air sparge test from August 24, 2016 to August 26, 2016 in part to recover vapors from the previous days of sparge testing. During both feasibility tests, Blaes Environmental recorded system parameters and monitored the uptime of each system. Additional details from this pilot test program will be presented in a separate pilot test report.

On June 23, 2017, Blaes Environmental conducted a one-day additional air sparge injection event at the site. A small air compressor was used to inject air into sparge well AS-5 near monitoring well MW-3. The event last approximately three hours with a flowrate of approximately 5 cubic feet per minute at a pressure of approximately 3 pounds per square inch into AS-5.

During the summer of 2017, Blaes Environmental conducted four additional one-day additional air sparge injection events at the site. During each event (July 7, 2017, July 17, 2017, July 27, 2017, and August 2, 2017), a small air compressor was used to inject air into sparge well AS-5 near monitoring well

MW-3. Each event last between four and eight hours of runtime with a flowrate of approximately 5 cubic feet per minute at a pressure of approximately 3 pounds per square inch into AS-5.

During the summer of 2018 (August 29, 2018 to September 7, 2018), Blaes Environmental conducted additional air sparge injection events at the site. During each event, a small air compressor was used to inject air into a combination of sparge wells AS-5 and AS-6 near monitoring well MW-3. During each event, the flowrate into the air sparge well was approximately 5 cubic feet per minute at a pressure of approximately 3 pounds per square inch.

During the summer of 2019 (July 1, 2019 to August 22, 2019), Blaes Environmental conducted six separate additional air sparge injection events at the site. During each event, a small air compressor was used to inject air into sparge well AS-5 near monitoring well MW-3. During each event, the flowrate into the air sparge well was approximately 5 cubic feet per minute at a pressure of approximately 3 pounds per square inch.

2.5.9 Additional Groundwater Monitoring Well Installation of MW-9

On November 9, 2020, Blaes Environmental, in conjunction with Cascade Drilling of Woodinville, Washington installed one additional groundwater monitoring well MW-9 across Highway 12 south of the Circle K site. The objective of the additional monitoring well was to further understand the lateral distribution of petroleum hydrocarbon concentrations in groundwater from the past release at the Circle K station (before Circle K operated the station).

The groundwater monitoring well MW-9 was drilled to a depth of approximately 12 feet below the ground surface using a hollow-stem auger drilling rig where the rig met auger refusal on cobbles. The drilling was very difficult through gravel and cobbles starting at a depth of approximately 3 feet below the ground surface. No soil samples could be recovered from the boring due to the difficult drilling conditions. The ground surface elevation at well MW-9 was approximately 2-3 feet below the ground elevation of the Circle K station. A 2-inch diameter PVC monitoring well installed within the boring and screened from approximately 7 feet to 12 feet below the ground surface at the well location (across the expected static groundwater zone). The location of well MW-9 is shown on the Site Plan in Figure 3.

3.0 GROUNDWATER MONITORING PROGRAM

A groundwater monitoring and sampling event was conducted at the site in May 2022 by personnel from Blaes Environmental. The objective of the program was to evaluate the groundwater conditions at the site for a sixth time following the installation of offsite well MW-9. The data from this event was compared to the data from the May 2020, November 2020, April 2021, July 2021, September 2021, and December 2021 sampling events to determine if the lateral extent of petroleum hydrocarbon constituents has been defined to the south of the Circle K property. Details of the May 2022 groundwater sampling event are provided in the following sections.

3.1 GROUNDWATER MONITORING AND SAMPLING

On May 16, 2022, Blaes Environmental conducted the groundwater monitoring and sampling event within eight of the nine existing groundwater monitoring wells. The event consisted of three tasks: (1) measuring the depth to groundwater in eight of the wells associated with the release case to obtain a groundwater gradient and update the site historical hydrograph, (2) purging wells MW-1, MW-2, MW-3, MW-4, MW-6, MW-7, MW-8, and MW-9 using hand bailing procedures and collecting a groundwater sample from these wells, and (3) analyzing the groundwater samples at a State of Washington certified analytical laboratory. A description of each task is presented in the following sections. Note: the well lid was not able to be removed in well MW=5 during this event so MW-5 was not sampled. Also, due to a non-operable low flow pump, Blaes Environmental purged each well this event using dedicated disposable bailers.

3.1.1 Groundwater Depth Measurements and Gradient

The depth to groundwater in eight monitoring wells was measured to the nearest 0.01 foot using a groundwater level indicator. Depths to water ranged from 9.38 feet (MW-2) to 11.20 feet (MW-4) and averaged 10.15 feet across the site. The water level measurement probe was washed with a Liquinox™ solution and rinsed with tap water before and after each groundwater depth measurement to prevent cross contamination. A summary of the depth to water/elevation data from the May 16, 2022 sampling event is included in Table 1. The field data sheets showing the depth to groundwater measurements are included in Appendix A.

The depth to groundwater was measured from a permanent mark on the top of the uncapped PVC well casing. Using the elevation of the well casing at that same mark, Blaes Environmental calculated the

elevation of groundwater in the well during the monitoring event by subtracting the measured depth to groundwater within the well from the surveyed wellhead elevation. On May 16, 2022, the average groundwater elevation at the site was 1455.79 feet.

The groundwater flow direction was to the south-southwest at a gradient of approximately 0.01 feet/foot. A diagram of the groundwater flow direction and gradient is presented in Figure 3. A hydrograph of groundwater elevations over time is presented in Figure 4.

3.1.2 Groundwater Sample Collection

Groundwater monitoring wells were purged using a dedicated disposable bailer during this sampling event. A groundwater sample was collected using the bailer as the water level recharged in the well to evaluate the current dissolved petroleum hydrocarbon concentrations in the groundwater at that location. The groundwater sample was placed into laboratory supplied sample containers. The sample containers were sealed with Teflon lined caps, labeled, and placed on ice in a cooler. A written record of the sample was entered onto a chain-of-custody document for transport to the analytical laboratory.

3.1.3 Groundwater Laboratory Analyses

The groundwater samples were delivered to Eurofins Test America in Fife, Washington for laboratory analyses. The groundwater samples from each well were analyzed for Total Petroleum Hydrocarbons gasoline, diesel, and oil range organics using method NWTPH-GX, NWTPH-Dx, NWTPH-O as well as for Arsenic, Lead, and for full list VOCs according to EPA Method 8260B including EDB and EDC and Method 6020. A copy of the groundwater laboratory analytical report is included in Appendix B.

3.1.4 Groundwater Analytical Results

Laboratory analysis of the groundwater sample collected on May 16, 2022 indicated concentrations in well MW-3 were NWTPH-gas (600 ug/L), NWTPH-Dx (240 ug/L). Additional laboratory reported analytes in well MW-3 included Ethylbenzene (3.1 ug/L), Isopropylbenzene (3.4 ug/L), Naphthalene (1.4 ug/L), and 1,2,4-Trimethylbenzene (2.0 ug/L). Laboratory analysis of the groundwater sample event also indicated hydrocarbon concentrations were again not detected above laboratory reporting levels in well MW-9. All TPH and VOC constituents in the wells were below MTCA Method A regulatory levels (with the exception of the Diesel range and Oil range results in well MW-8).

Blaes Environmental does not consider the laboratory results in the diesel or oil range from groundwater

monitoring well MW-8 during the May 16, 2022 sample event to be representative of the actual concentrations in the groundwater within that well. There was water and visible oily residue inside the well vault of MW-8 that had to be removed prior to opening the well cap before sampling the well. Blaes Environmental believes the lab results reported in MW-8 in the diesel and oil range likely came from the oily residue carried down by the disposable bailer into the well during the sample event. The conclusion that the diesel and oil range organic lab concentrations in well MW-8 are anomalous is supported by the fact that there were no gasoline range or any VOC concentrations detected in well MW-8 during the sample event. The laboratory analytical results of the groundwater sample are summarized in Table 2.

4.0 RESULTS AND CONCLUSIONS

Based on the analytical results from the groundwater samples collected on May 16, 2022, there were no laboratory reported concentrations of TPH or VOC constituents (including benzene) above MTCA Method A regulatory thresholds in wells MW-1, MW-2, MW-3, MW-4, MW-6, MW-7, MW-8, and MW-9. The estimated lateral extent of Benzene in groundwater (none detected) is shown in Figure 5.

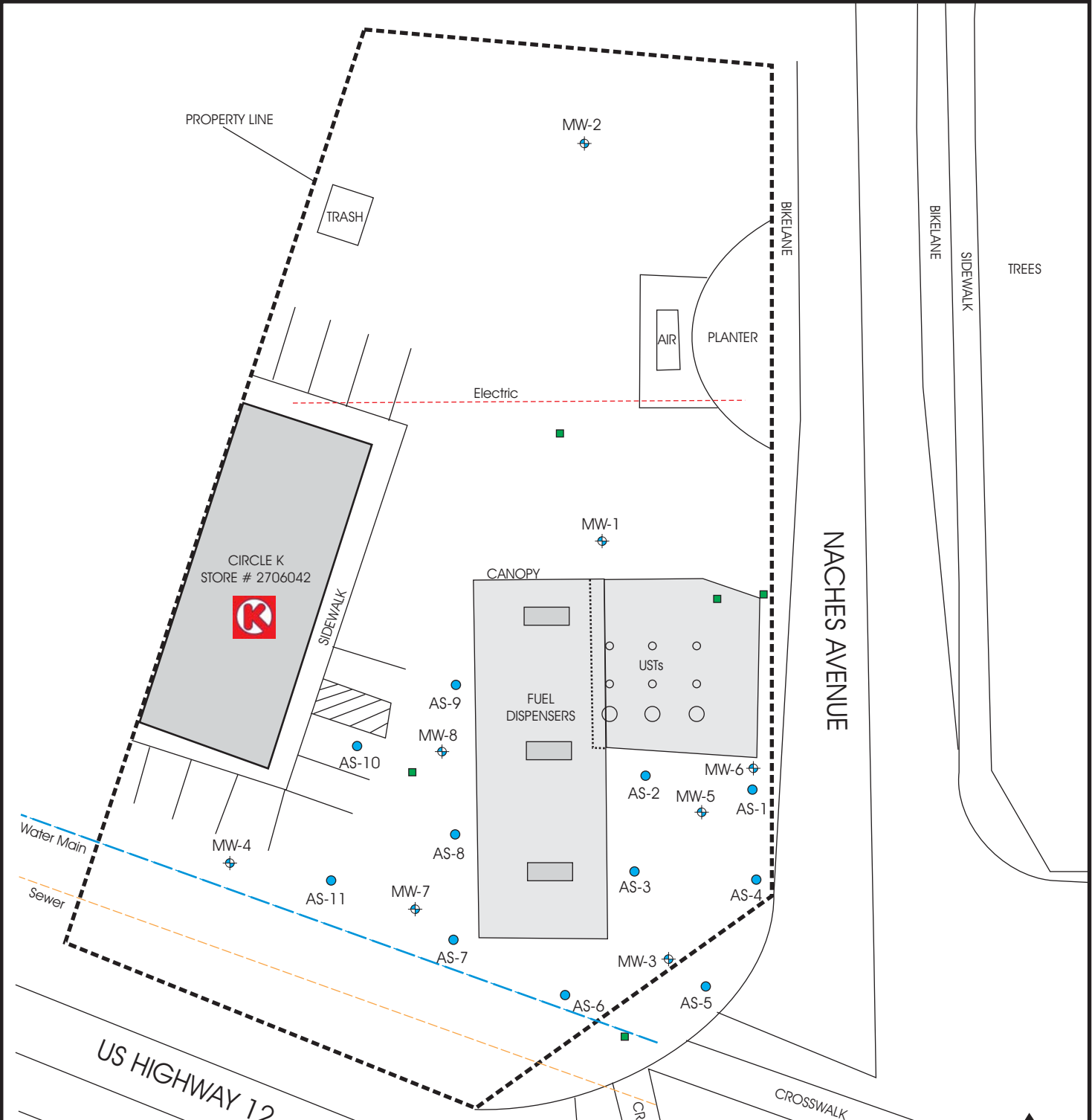
5.0 REFERENCES

White Shield Inc., 1994, UST Closure Site Assessment & Interim Remediation, 47 pg.

Sage Earth Sciences, Inc., 1992, Interim Status Report for a Limited Site Check and Petroleum Contaminated Soil Removal Activities, 36 pg.

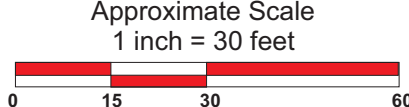
Lasmanis, Raymond, 1991, The geology of Washington: Rocks and Minerals, v. 66, no. 4, p. 262-277. ©
Copyright Heldref Publications (Helen Dwight Reid Educational Foundation).

FIGURES

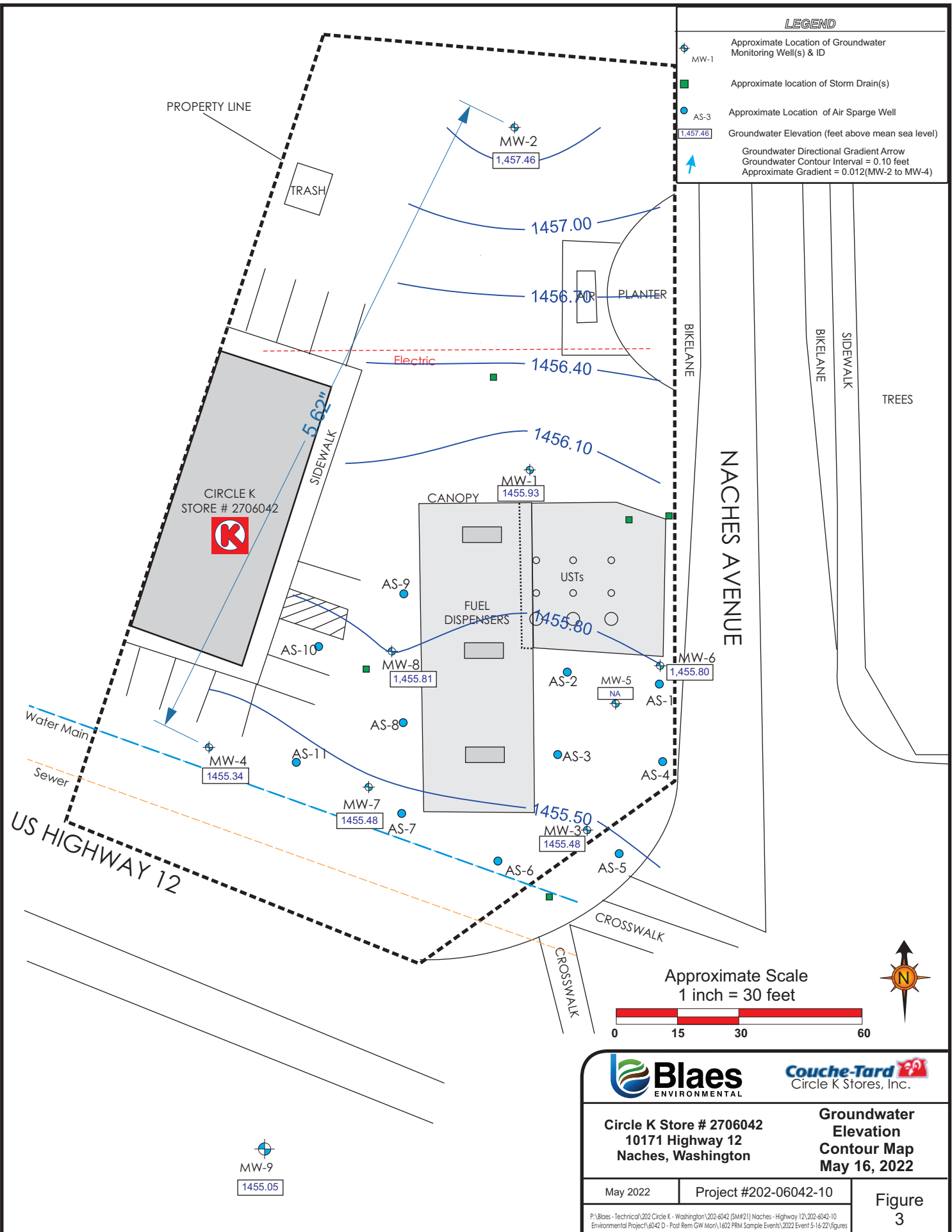


LEGEND

	MW-1	Approximate Location of Groundwater Monitoring Well(s) & ID
		Approximate Location of Stormdrain
	AS-3	Approximate Location of Air Sparge Well

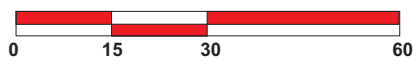


		 Circle K Stores, Inc.
Circle K Store # 2706042 10171 Highway 12 Naches, Washington		Site Plan
Aug 2016	Project #202-06042-04	
<small>P:\Technical\202CKWashington\202-6042-04Naches\6042 Figures\6042SiteMap.cdr</small>		
		Figure 2



LEGEND	
	Approximate Location of Groundwater Monitoring Well(s) & ID
	Approximate location of Storm Drain(s)
	Approximate Location of Air Sparge Well
	Groundwater Elevation (feet above mean sea level)
	Groundwater Directional Gradient Arrow Groundwater Contour Interval = 0.10 feet Approximate Gradient = 0.012(MW-2 to MW-4)

Approximate Scale
1 inch = 30 feet



Circle K Store # 2706042
10171 Highway 12
Naches, Washington

Groundwater Elevation Contour Map
May 16, 2022

May 2022

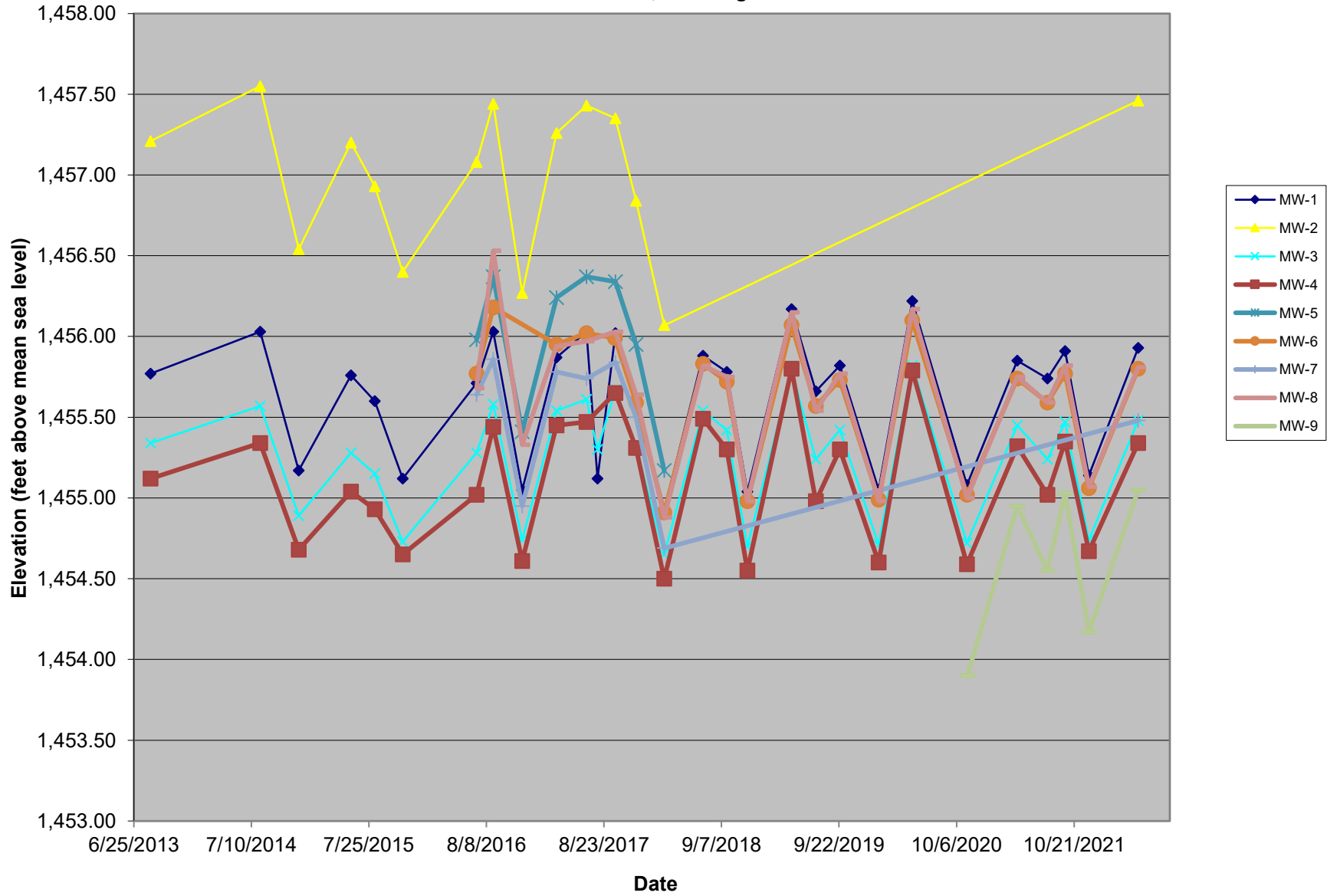
Project #202-06042-10

Figure
3

P:\Blaes - Technical\202 Circle K - Washington\202-6042 (SM#21) Naches - Highway 12\202-6042-10 Environmental Project\6042-D - Post Rem GW Mon\1602 PRM Sample Events\2022 Event 5-16-22\Figures

MW-9
1455.05

FIGURE 4: HYDROGRAPH
Circle K #2706042
10171 Highway 12
Naches, Washington



TABLES

TABLE 1

SUMMARY OF GROUNDWATER ELEVATION DATA

Circle K Store #2706042
10171 Highway 12

Well ID	Date	TOC Elevation (ft amsl)	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Groundwater Elevation (ft amsl)
MW-1	8/18/2013	1466.08	---	10.31	1,455.77
	8/8/2014		---	10.05	1,456.03
	12/10/2014		---	10.91	1,455.17
	5/28/2015		---	10.32	1,455.76
	8/13/2015		---	10.48	1,455.60
	11/12/2015		---	10.96	1,455.12
	7/7/2016		---	10.37	1,455.71
	8/30/2016		---	10.05	1,456.03
	12/2/2016		---	11.03	1,455.05
	3/23/2017		---	10.21	1,455.87
	6/28/2017		---	10.05	1,456.03
	8/2/2017		---	10.96	1,455.12
	9/29/2017		---	10.06	1,456.02
	12/5/2017		---	10.48	1,455.60
	3/6/2018		---	11.15	1,454.93
	7/9/2018		---	10.20	1,455.88
	9/24/2018		---	10.30	1,455.78
	11/30/2018		---	11.04	1,455.04
	4/22/2019		---	9.91	1,456.17
	7/9/2019		---	10.42	1,455.66
	9/25/2019		---	10.26	1,455.82
	1/28/2020		---	11.03	1,455.05
	5/16/2020		---	9.86	1,456.22
	11/9/2020		---	11.00	1,455.08
	4/20/2021		---	10.23	1,455.85
	7/27/2021		---	10.34	1,455.74
9/22/2021	---	10.17	1,455.91		
12/8/2021	---	10.94	1,455.14		
5/16/2022	---	10.15	1,455.93		
MW-2	8/18/2013		---	9.63	1,457.21
	8/8/2014		---	9.29	1,457.55
	12/10/2014		---	10.30	1,456.54
	5/28/2015		---	9.64	1,457.20
	8/13/2015		---	9.91	1,456.93

TABLE 1

SUMMARY OF GROUNDWATER ELEVATION DATA

Circle K Store #2706042
10171 Highway 12

Well ID	Date	TOC Elevation (ft amsl)	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Groundwater Elevation (ft amsl)
	11/12/2015	1466.84	---	10.44	1,456.40
	7/7/2016		---	9.76	1,457.08
	8/30/2016		---	9.40	1,457.44
	12/2/2016		---	10.57	1,456.27
	3/23/2017		---	9.58	1,457.26
	6/28/2017		---	9.41	1,457.43
	9/29/2017		---	9.49	1,457.35
	12/5/2017		---	10.00	1,456.84
	3/6/2018		---	10.77	1,456.07
	5/16/2022		---	9.38	1,457.46
MW-3	8/18/2013	1466.26	---	10.92	1,455.34
	8/8/2014		---	10.69	1,455.57
	12/10/2014		---	11.37	1,454.89
	5/28/2015		---	10.98	1,455.28
	8/13/2015		---	11.11	1,455.15
	11/12/2015		---	11.53	1,454.73
	7/7/2016		---	10.98	1,455.28
	8/30/2016		---	10.68	1,455.58
	12/2/2016		---	11.52	1,454.74
	3/23/2017		---	10.72	1,455.54
	6/28/2017		---	10.65	1,455.61
	8/2/2017		---	10.96	1,455.30
	9/29/2017		---	10.59	1,455.67
	12/5/2017		---	10.94	1,455.32
	3/6/2018		---	11.61	1,454.65
	7/9/2018		---	10.72	1,455.54
	9/24/2018		---	10.84	1,455.42
	11/30/2018		---	11.56	1,454.70
	4/22/2019		---	10.47	1,455.79
	7/9/2019		---	11.02	1,455.24
	9/25/2019		---	10.84	1,455.42
	1/28/2020		---	11.55	1,454.71
	5/16/2020		---	10.44	1,455.82
11/9/2020	---	11.54	1,454.72		
4/20/2021	---	10.81	1,455.45		
7/27/2021	---	11.02	1,455.24		

TABLE 1

SUMMARY OF GROUNDWATER ELEVATION DATA

Circle K Store #2706042
10171 Highway 12

Well ID	Date	TOC Elevation (ft amsl)	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Groundwater Elevation (ft amsl)
	9/22/2021		---	10.79	1,455.47
	12/8/2021		---	11.52	1,454.74
	5/16/2022		---	10.78	1,455.48
MW-4	8/18/2013	1466.54	---	11.42	1,455.12
	8/8/2014		---	11.20	1,455.34
	12/10/2014		---	11.86	1,454.68
	5/28/2015		---	11.50	1,455.04
	8/13/2015		---	11.61	1,454.93
	11/12/2015		---	11.89	1,454.65
	7/7/2016		---	11.52	1,455.02
	8/30/2016		---	11.10	1,455.44
	12/2/2016		---	11.93	1,454.61
	3/23/2017		---	11.09	1,455.45
	6/28/2017		---	11.07	1,455.47
	9/29/2017		---	10.89	1,455.65
	12/5/2017		---	11.23	1,455.31
	3/6/2018		---	12.04	1,454.50
	7/9/2018		---	11.05	1,455.49
	9/24/2018		---	11.24	1,455.30
	11/30/2018		---	11.99	1,454.55
	4/22/2019		---	10.74	1,455.80
	7/9/2019		---	11.56	1,454.98
	9/25/2019		---	11.24	1,455.30
	1/28/2020		---	11.94	1,454.60
	5/16/2020		---	10.75	1,455.79
	11/9/2020		---	11.95	1,454.59
	4/20/2021		---	11.22	1,455.32
	7/27/2021		---	11.52	1,455.02
	9/22/2021		---	11.19	1,455.35
	12/8/2021		---	11.87	1,454.67
	5/16/2022		---	11.20	1,455.34
MW-5	7/7/2016	1466.25	---	10.27	1,455.98
	8/30/2016		---	9.88	1,456.37
	12/2/2016		---	10.84	1,455.41
	3/23/2017		---	10.01	1,456.24
	6/28/2017		---	9.88	1,456.37
	9/29/2017		---	9.91	1,456.34

TABLE 1

SUMMARY OF GROUNDWATER ELEVATION DATA

Circle K Store #2706042
10171 Highway 12

Well ID	Date	TOC Elevation (ft amsl)	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Groundwater Elevation (ft amsl)
	12/5/2017		---	10.30	1,455.95
	3/6/2018		---	11.08	1,455.17
MW-6	7/7/2016	1465.82	---	10.05	1,455.77
	8/30/2016		---	9.64	1,456.18
	12/2/2016		---	NA	NA
	3/23/2017		---	9.87	1,455.95
	6/28/2017		---	9.80	1,456.02
	9/28/2017		---	9.83	1,455.99
	12/5/2017		---	10.23	1,455.59
	3/6/2018		---	10.91	1,454.91
	7/9/2018		---	9.99	1,455.83
	9/24/2018		---	10.10	1,455.72
	11/30/2018		---	10.84	1,454.98
	4/22/2019		---	9.75	1,456.07
	7/9/2019		---	10.25	1,455.57
	9/25/2019		---	10.09	1,455.73
	1/28/2020		---	10.83	1,454.99
	5/16/2020		---	9.72	1,456.10
	11/9/2020		---	10.80	1,455.02
	4/20/2021		---	10.08	1,455.74
	7/27/2021		---	10.23	1,455.59
	9/22/2021		---	10.05	1,455.77
12/8/2021	---	10.76	1,455.06		
5/16/2022	---	10.02	1,455.80		
MW-7	7/7/2016	1465.99	---	10.35	1,455.64
	8/30/2016		---	10.13	1,455.86
	12/2/2016		---	11.04	1,454.95
	3/23/2017		---	10.21	1,455.78
	6/28/2017		---	10.25	1,455.74
	9/29/2017		---	10.15	1,455.84
	12/5/2017		---	10.49	1,455.50
	3/6/2018		---	11.30	1,454.69
	5/16/2022		---	10.51	1,455.48
MW-8	7/7/2016		---	9.82	1,455.68
	8/30/2016		---	8.97	1,456.53
	12/2/2016		---	10.17	1,455.33

TABLE 1

SUMMARY OF GROUNDWATER ELEVATION DATA

Circle K Store #2706042
10171 Highway 12

Well ID	Date	TOC Elevation (ft amsl)	Depth to Free Product (ft btoc)	Depth to Groundwater (ft btoc)	Groundwater Elevation (ft amsl)
	3/23/2017	1465.50	---	9.56	1,455.94
	6/28/2017		---	9.53	1,455.97
	9/29/2017		---	9.47	1,456.03
	12/5/2017		---	9.86	1,455.64
	3/6/2018		---	10.62	1,454.88
	7/9/2018		---	9.68	1,455.82
	9/24/2018		---	9.75	1,455.75
	11/30/2018		---	10.52	1,454.98
	4/22/2019		---	9.35	1,456.15
	7/9/2019		---	9.96	1,455.54
	9/25/2019		---	9.73	1,455.77
	1/28/2020		---	10.52	1,454.98
	5/16/2020		---	9.33	1,456.17
	11/9/2020		---	10.50	1,455.00
	4/20/2021		---	9.75	1,455.75
	7/27/2021		---	9.91	1,455.59
	9/22/2021		---	9.68	1,455.82
	12/8/2021		---	10.43	1,455.07
	5/16/2022		---	9.69	1,455.81
MW-9	11/10/2020	1464.52	---	10.62	1,453.90
	4/20/2021		---	9.57	1,454.95
	7/27/2021		---	9.97	1,454.55
	9/22/2021		---	9.49	1,455.03
	12/8/2021		---	10.35	1,454.17
	5/16/2022		---	9.47	1,455.05

NOTES:

- ft btoc = Feet Below Top Of Casing
- ft amsl = Feet Above Mean Sea Level
- TOC = Top of Casing
- = Not Present/Not Applicable

TABLE 2

SUMMARY OF GROUNDWATER SAMPLE LABORATORY ANALYTICAL RESULTS

Circle K Store #2706042
10171 Highway 12
Naches, Washington 98937

Sample ID	Date Collected	NWTPH-Gx (ug/L)	NWTPH-Dx (ug/L)	NWTPH-O (ug/L)	EPA Method 8260														Total Lead (ug/L)	Other VOCs (ug/L)
					Benzene (ug/L)	Toluene (ug/L)	EB (ug/L)	m&p-Xylenes (ug/L)	o-Xylene (ug/L)	MTBE (ug/L)	EDB (ug/L)	EDC (ug/L)	Naph (ug/L)	Isoprop (ug/L)	1,2,4-TMB (ug/L)	1,3,5-TMB (ug/L)	Arsenic (ug/L)			
MW-1	8/12/2013	<50	---	---	1.1	<1.0	<1.0	<2.0	<1.0	<1.0	<0.01	NA	<1.0	<1.0	<1.0	<1.0	NA	---	ND	
	8/8/2014	340	---	---	<0.10	0.27	<0.10	0.26	0.11	<0.10	<0.01	<0.10	<0.40	<0.10	<0.10	<0.10	NA	---	1,2-Dichloropropane 0.16	
	12/10/2014	170	---	---	<0.10	1.9	0.13	29	5.1	<0.10	<0.01	<0.10	<0.40	1.5	<0.10	<0.10	NA	---	ND	
	5/28/2015	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.2	NA	---	ND	
	8/13/2015	<50	---	---	3.1	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	2.6	<0.5	<0.2	<0.5	NA	---	ND	
	11/12/2015	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.5	NA	---	ND	
	7/7/2016	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.5	NA	---	ND	
	8/30/2016	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.5	NA	---	ND	
	12/2/2016	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.5	NA	---	ND	
	3/23/2017	<50	---	---	<0.2	<0.2	<0.2	<0.4	<0.2	<0.5	<0.01	<0.2	<0.5	<0.5	<0.2	<0.2	NA	---	ND	
	6/28/2017	<500	---	---	<0.2	<0.2	<0.2	<0.5	<0.2	<0.5	<0.01	<0.2	<0.5	<0.5	<0.2	<0.5	NA	---	ND	
	9/29/2017	<250	<110	<240	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	---	<0.2	<0.5	<0.5	<0.2	<0.5	NA	<30	ND	
	12/5/2017	<250	<100	<240	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.5	NA	<30	ND	
	3/6/2018	<250	<110	<360	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.0099	<0.2	<1.0	<1.0	<0.3	<0.5	28	53	ND	
	7/9/2018	<150	<110	<350	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.01	<0.2	<1.0	<1.0	<0.3	<0.5	<5.0	<4.0	ND	
	9/24/2018	<250	<110	<350	<0.2	<0.2	<0.2	<0.50	<0.5	<0.3	<0.01	<0.2	<1.0	<1.0	<0.3	<0.5	<5.0	7.7	ND	
	11/30/2018	<250	<110	<360	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.01	<0.2	<1.0	<1.0	<0.30	<0.50	31	57	ND	
4/22/2019	<250	<240	<400	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.0099	<0.2	<1.0	<1.0	<0.30	<0.50	7.7	11	ND		
7/9/2019	<250	<110	<350	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.0099	<0.2	<1.0	<1.0	<0.30	<0.50	3.1	5.4	ND		
9/25/2019	<250	130	<350	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.0099	<0.2	<1.0	<1.0	<0.30	<0.50	<5.0	4.7	ND		
5/16/2022	<150	<110	<350	<0.2	<0.2	<0.2	<0.5	<0.5	<0.30	<0.01	<0.20	<1.0	<1.0	<0.50	<0.50	31	56	ND		
MW-2	8/12/2013	<50	---	---	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<0.01	NA	<1.0	<1.0	<1.0	<1.0	NA	---	ND	
	8/8/2014	130	---	---	<0.10	<0.10	<0.10	<0.20	<0.10	<0.10	<0.01	<0.10	<0.40	<0.10	<0.10	<0.10	NA	---	ND	
	12/10/2014	<50	---	---	0.32	<0.10	<0.10	<0.20	<0.10	<0.10	<0.01	<0.10	<0.40	<0.10	<0.10	<0.10	NA	---	ND	
	5/28/2015	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.2	NA	---	ND	
	8/13/2015	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.2	NA	---	ND	
	11/12/2015	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.5	NA	---	ND	
	7/7/2016	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.5	NA	---	ND	
	8/30/2016	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.5	NA	---	ND	
	12/2/2016	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.0099	<0.2	<0.5	<0.5	<0.2	<0.5	NA	---	ND	
	3/23/2017	<50	---	---	<0.2	<0.2	<0.2	<0.4	<0.2	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.2	NA	---	ND	
	6/28/2017	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.5	NA	---	ND	
	9/29/2017	<250	<100	<240	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.5	NA	<30	ND	
	12/5/2017	<250	<100	<240	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.5	NA	1.7	ND	
3/6/2018	<250	<110	<350	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.0098	<0.2	<1.0	<1.0	<0.3	<0.5	NA	19	ND		

TABLE 2

SUMMARY OF GROUNDWATER SAMPLE LABORATORY ANALYTICAL RESULTS

Circle K Store #2706042
 10171 Highway 12
 Naches, Washington 98937

Sample ID	Date Collected	NWTPH-Gx (ug/L)	NWTPH-Dx (ug/L)	NWTPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	EB (ug/L)	m&p-Xylenes (ug/L)	o-Xylene (ug/L)	MTBE (ug/L)	EDB (ug/L)	EDC (ug/L)	Naph (ug/L)	Isoprop (ug/L)	1,2,4-TMB (ug/L)	1,3,5-TMB (ug/L)	Arsenic (ug/L)	Total Lead (ug/L)	Other VOCs (ug/L)
	5/16/2022	<150	<110	<350	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.01	<0.2	<1.0	<1.0	<0.5	<0.5	<5.0	3.3	ND
MW-3	8/12/2013	50000	---	---	<1.0	27	830	1,500	930	<1.0	<0.01	NA	380	160	1,200	780	NA	---	4-Isopropyltoluene 22; n-Butylbenzene 550; N-propylbenzene 490; sec-Butylbenzene 34; Styrene 32;
	8/8/2014	59000	---	---	2.6	15	1100	5,300	920	<0.10	<0.01	<0.10	320	110	3,600	1,300	NA	---	4-isopropylbenzene 57; n-Butylbenzene 510; N-Propylbenzene 430; sec-butylbenzene 31; Styrene 27;
	12/10/2014	49000	---	---	200	25	860	4,100	1000	<0.10	<0.01	<0.10	560	160	770	1,200	NA	---	4-isopropylbenzene 19; n-Butylbenzene 670; N-Propylbenzene 460; sec-butylbenzene 38; Styrene 1.2;
	5/28/2015	56000	---	---	2800	3100	1300	5,100	1200	<0.2	<0.01	<0.2	520	180	4,800	1,300	NA	---	4-isopropylbenzene 16; n-Butylbenzene 680; sec-butylbenzene 43; Styrene 1.4;
	8/13/2015	74000	110	---	2400	2300	1200	2,600	1200	<2	<0.01	<0.2	600	180	1,900	1,300	NA	---	#2 Diesel 0.11; sec-Butylbenzene 43; n-Butylbenzene 710; N-Propylbenzene 590; 4-Isopropyltoluene 19
	11/12/2015	54000	12000	---	1900	1800	970	3,000	780	<0.2	<0.01	<0.2	33	140	3,100	830	NA	---	4-Isopropyltoluene 16; Styrene 0.82; n-Butylbenzene 530; N-Propylbenzene 520; #2 Diesel 12000 Motor Oil 860
	7/7/2016	36000	---	---	540	260	1000	3,000	790	<0.2	<0.40	<0.2	9	130	3,700	790	NA	---	Styrene 0.74; 4-isopropyltoluene 19; N-propylbenzene 520; n-Butylbenzene 590;
	8/30/2016	1900	---	---	14	33	36	100	32	<0.2	<0.001	<0.2	26	3.5	110	42	NA	---	1,3 Dichloropropene 0.5; N-Propylbenzene 13 ; sec-Butylbenzene 1.1; 4-Isopropyltoluene 0.84; n-Butylbenzene 44 ;
	12/2/2016	10000	---	---	150	25	510	1,200	280	<10	<0.0099	<10	350	84	2,400	540	NA	---	N-Propylbenzene 290; 4-Isopropyltoluene 15; n-Butylbenzene 430

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SUMMARY OF GROUNDWATER SAMPLE LABORATORY ANALYTICAL RESULTS

Circle K Store #2706042
 10171 Highway 12
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Sample ID	Date Collected	NWTPH-Gx (ug/L)	NWTPH-Dx (ug/L)	NWTPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	EB (ug/L)	m&p-Xylenes (ug/L)	o-Xylene (ug/L)	MTBE (ug/L)	EDB (ug/L)	EDC (ug/L)	Naph (ug/L)	Isoprop (ug/L)	1,2,4-TMB (ug/L)	1,3,5-TMB (ug/L)	Arsenic (ug/L)	Total Lead (ug/L)	Other VOCs (ug/L)
	3/23/2017	18000	---	---	52.9	5.52	264	358	121	<0.5	<0.01	<0.2	<0.5	47.5	247	132	NA	---	2-Chlorotoluene 27.6; N-Propylbenzene 98.9; sec-Butylbenzene 15.1; 4-Isopropyltoluene 9.73; n-Butylbenzene 19.0;
	6/28/2017	8700	---	---	18	7.3	190	280	59	<2.0	<0.01	<2.0	91	38	940	81	NA	---	N-Propylbenzene 120; sec-Butylbenzene 14; 4-Isopropyltoluene 6.7; n-Butylbenzene 120;
	8/2/2017	4400	---	---	5.67	1.15	63.2	76	4.43	<0.15	<0.15	<0.15	25.1	13.9	402	7.5	NA	---	4-Chlorotoluene 10.0; N-Propylbenzene 58.3; sec-Butylbenzene 5.61; p-Isopropyltoluene 2.32; n-Butylbenzene 10.2;
	9/29/2017	10000	1400	300	32	<10	370	470	29	<10	<0.0099	<10	130	<250	1,500	76	NA	43	N-Propylbenzene 270; n-Butylbenzene 160;
	12/5/2017	7800	1900	400	22	3.5	210	110	19	<10	<0.01	<0.2	110	43	1,200	6.9	NA	12	N-Propylbenzene 160; n-Butylbenzene 50; 4-Isopropyltoluene 4.6; sec-butylbenzene 15
	3/6/2018	8400	2300	490	11	<10	210	88	<25	<15	<0.0099	<10	56	<50	1,300	<25	NA	57	N-Propylbenzene 160; n-Butylbenzene 79;
	7/9/2018	6300	2700	<360	8.4	6.0	260	270	38	<0.30	<0.0099	<0.20	96	56	1,400	59	9.3	13	N-Propylbenzene 210; n-Butylbenzene 130; 4-Isopropyltoluene 9.5; sec-butylbenzene 20
	9/24/2018	3,700	1,200	<360	2.8	0.98	85	19	4.5	<0.30	<0.01	<0.20	30	24	500	1.6	12	11	1,1,2-Trichloroethane 0.24; N-Butylbenzene 29; sec-Butylbenzene 8.1; 4-Isopropyltoluene 2.4; Propylbenzene 81
	11/30/2018	6,200	1,500	<350	4.8	<2.0	150	30	6.2	<3.0	<0.01	<0.20	41	54	960	<5.0	25	40	sec-Butylbenzene 16; n-Butylbenzene 60;
	4/22/2019	3,500	1,000	<400	2.6	<0.20	61	3	2.6	<0.30	<0.01	<0.20	1.4	32	57	5.7	6.0	4.4	N-Butylbenzene 50; sec-Butylbenzene 12; Isopropyltoluene 4.0; N-Propylbenzene 39
	7/9/2019	1,900	260	<350	0.97	0.39	18	14	0.9	<0.30	<0.01	<0.20	14	25	26	<0.50	5.0	8.0	sec-Butylbenzene 10; Isopropyltoluene 4.0; N-Propylbenzene 32

TABLE 2

SUMMARY OF GROUNDWATER SAMPLE LABORATORY ANALYTICAL RESULTS

Circle K Store #2706042
 10171 Highway 12
 Naches, Washington 98937

Sample ID	Date Collected	NWTPH-Gx (ug/L)	NWTPH-Dx (ug/L)	NWTPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	EB (ug/L)	m&p-Xylenes (ug/L)	o-Xylene (ug/L)	MTBE (ug/L)	EDB (ug/L)	EDC (ug/L)	Naph (ug/L)	Isoprop (ug/L)	1,2,4-TMB (ug/L)	1,3,5-TMB (ug/L)	Arsenic (ug/L)	Total Lead (ug/L)	Other VOCs (ug/L)
	9/25/19'	1,800	630	<350	1.90	0.58	64	25	2.3	<0.30	<0.01	<0.20	25	43	33	27	6.6	21	sec-Butylbenzene 16; Isopropyltoluene 2.9; N-Propylbenzene 42; 1,1,2-Trichloroethane 6.9;
	1/28/2020	2,400	1,200	<350	0.93	0.49	30	15	1.3	<0.30	<0.019	<0.20	15	32	37	37	7.4	11	sec-Butylbenzene 16; Isopropyltoluene 2.9; N-Propylbenzene 69; tert-butylbenzene 43;
	5/16/2020	380	280	<320	<0.20	<0.20	3.2	<0.50	<0.50	<0.30	<0.01	<0.20	<1.0	3.5	7.7	<0.50	<10	<8.0	sec-Butylbenzene 4.8; 1,1,2-Trichloroethane 4.9; N-Propylbenzene 9.2; N-Butylbenzene 9.0;
	11/9/2020	4,100	1,400	<330	2.8	1.8	110	47	3.4	<0.30	<0.01	<0.20	49	48	<6.0	<0.50	6.8	6.1	sec-Butylbenzene 23; 1,1,2-Trichloroethane 7.7; N-Propylbenzene 180; N-Butylbenzene 18; Isopropyltoluene 7.5 Trichloroethene 1.1
	4/20/2021	710	890	<350	<0.20	<0.20	<0.20	<0.50	<0.50	<0.3	<0.010	<0.20	<1.0	<1.0	<0.30	<0.50	<5.0	7.9	ND
	7/27/2021	1,000	870	540	<2.0	<2.0	21	<5.0	<5.0	<3.0	<0.0098	<2.0	<10	12	41	<5.0	14	37	1,1,2-Trichloroethane 3.1; N-Propylbenzene 69;
	9/22/2021	420	300	<350	<0.20	<0.20	8.1	<0.50	<0.50	<0.3	<0.010	<0.20	3.0	6.4	13	1.4	<5.0	8.3	N-Propylbenzene 25;
	12/8/2021	430	300	<350	<0.20	<0.20	6.4	<0.50	<0.50	<0.3	<0.010	<0.20	1.6	5.6	11	1.3	<5.0	2.7	N-Propylbenzene 25;
	5/16/2022	600	240	<360	<0.20	<0.20	3.1	<0.50	<0.50	<0.3	<0.010	<0.20	1.4	3.4	2	<0.50	<5.0	2.4	N-Propylbenzene 11
MW-4	8/12/2013	590	---	---	<1.0	<1.0	1.3	7.0	1.7	<1.0	<0.01	NA	72	<1.0	12	4.1	NA	---	N-propylbenzene 1.9
	8/8/2014	<50	---	---	<1.0	0.22	<1.0	<0.20	<0.10	<1.0	<0.01	<0.10	<0.40	<1.0	<0.10	<0.10	NA	---	1,2-Dichloropropane 0.17; sec-Butylbenzene 0.20
	12/10/2014	<50	---	---	12	0.12	0.71	3.6	0.64	<0.10	<0.01	<0.10	4.1	0.17	1.3	1.6	NA	---	sec-Butylbenzene 1.3
	5/28/2015	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.2	NA	---	N-propylbenzene 1.2
	8/13/2015	51.0	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.2	NA	---	trans-1,2 Dichloroethene 0.29;
	11/12/2015	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.5	NA	---	ND
	7/7/2016	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	2	<0.5	<0.2	<0.5	NA	---	ND
	8/30/2016	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.5	NA	---	ND
	12/2/2016	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.0099	<0.2	<0.50	<0.5	<0.2	<0.5	NA	---	ND
	3/23/2017	<50	---	---	<0.2	<0.2	0.32	0.7	<0.2	<0.5	<0.01	<0.2	11.4	<0.2	3.44	0.49	NA	---	N-propylbenzene 0.34
6/28/2017	<50	---	---	<2.0	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.5	NA	---	ND	
9/29/2017	<250	<100	<240	<2.0	<0.2	<0.2	<0.5	<0.5	<0.2	<0.0099	<0.2	<0.5	<0.5	<0.2	<0.5	NA	<30	ND	

TABLE 2

SUMMARY OF GROUNDWATER SAMPLE LABORATORY ANALYTICAL RESULTS

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Sample ID	Date Collected	NWTPH-Gx (ug/L)	NWTPH-Dx (ug/L)	NWTPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	EB (ug/L)	m&p-Xylenes (ug/L)	o-Xylene (ug/L)	MTBE (ug/L)	EDB (ug/L)	EDC (ug/L)	Naph (ug/L)	Isoprop (ug/L)	1,2,4-TMB (ug/L)	1,3,5-TMB (ug/L)	Arsenic (ug/L)	Total Lead (ug/L)	Other VOCs (ug/L)
	12/5/2017	<250	<100	<240	<2.0	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.5	NA	3.1	ND
	3/6/2018	<250	<110	<360	<2.0	<0.2	<0.2	<0.5	<0.5	<0.3	<0.0097	<0.2	<1.0	<1.0	<0.3	<0.5	NA	23	ND
	7/9/2018	<150	<110	<350	<2.0	<0.2	<0.2	<0.5	<0.5	<0.3	<0.01	<0.2	<1.0	<1.0	<0.3	<0.5	<5.0	<4.0	ND
	9/24/2018	<250	<110	<350	<2.0	<0.2	<0.2	<0.5	<0.5	<0.3	<0.0099	<0.20	<1.0	<1.0	<0.3	<0.5	6.9	9.2	ND
	11/30/2018	<250	<110	<360	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.01	<0.2	<1.0	<1.0	<0.3	<0.5	12	15	Chloroform 0.41
	4/22/2019	<250	<110	<420	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.01	<0.2	<1.0	<1.0	<0.3	<0.5	<5.0	<4.0	ND
	7/9/2019	<250	<110	<350	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.01	<0.2	<1.0	<1.0	<0.3	<0.5	<2.0	1.5	ND
	9/25/2019	<250	<110	<350	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.0099	<0.2	<1.0	<1.0	<0.3	<0.5	<5.0	<4.0	ND
	5/16/2022	<150	<110	<350	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.01	<0.2	<1.0	<1.0	<0.5	<0.5	7.9	11	ND
MW-5	7/7/2016	850	---	---	1.9	33.0	14.0	96 E	67	0.70	<0.01	<0.2	4.3	0.7	40	<0.5	NA	---	N-Propylbenzene 2.2; 4-Isopropyltoluene 0.34 n-Butylbenzene 17;
	8/30/2016	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.5	NA	---	ND
	12/2/2016	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.0099	<0.2	<0.5	<0.5	0.32	0.51	NA	---	n-Butylbenzene 0.95
	3/23/2017	<50	---	---	<0.2	<0.2	<0.2	<0.4	<0.2	<0.5	<0.2	<0.2	1.64	<0.2	0.87	<0.2	NA	---	ND
	6/28/2017	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	<0.2	<0.5	<0.5	<0.2	<0.5	NA	---	ND
	9/29/2017	<250	<100	<240	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.0099	<0.2	<0.5	<0.5	<0.2	<0.5	NA	<30	ND
	12/5/2017	<250	<110	<240	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.01	<0.2	<0.5	<0.5	<0.2	<0.5	NA	3.2	ND
	3/6/2018	<250	<110	<350	<2.0	<0.2	<0.2	<0.5	<0.5	<0.3	<0.0099	<0.2	<1.0	<1.0	<0.3	<0.5	NA	5.4	ND
	MW-6	7/7/2016	79	---	---	0.31	0.26	0.68	2.10	1.30	<0.20	<0.01	<0.20	0.51	<0.50	2.30	0.91	NA	---
8/30/2016		<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	0.50	<0.5	<0.2	<0.5	NA	---	ND
12/2/2016		<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.0099	<0.2	<0.5	<0.5	<0.2	<0.5	NA	---	ND
3/23/2017		<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	0.62	<0.2	0.43	<0.2	NA	---	ND
6/28/2017		<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.5	NA	---	ND
9/29/2017		<250	<100	<240	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.0099	<0.2	<0.5	<0.5	<0.2	<0.5	NA	<30	ND
12/5/2017		<250	<110	<240	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.0099	<0.2	<0.5	<0.5	<0.2	<0.5	NA	5.4	ND
3/6/2018		<250	<110	<350	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.0099	<0.2	<1.0	<1.0	<0.3	<0.5	NA	7.3	ND
7/9/2018		<150	120	<360	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.0099	<0.2	<1.0	<1.0	<0.3	<0.5	<5.0	<4.0	ND
9/24/2018		<250	<110	<350	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.01	<0.2	<1.0	<1.0	<0.3	<0.5	<5.0	10	ND
11/30/2018		<250	<110	<360	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.01	<0.2	<1.0	<1.0	<0.3	<0.5	13	29	ND
4/22/2019		<250	<240	<400	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.01	<0.2	<1.0	<1.0	<0.3	<0.5	<5.0	8	ND
7/9/2019		<250	<110	<350	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.0099	<0.2	<1.0	<1.0	<0.3	<0.5	<5.0	5.1	ND
9/25/2019		<250	<110	<350	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.0099	<0.2	<1.0	<1.0	<0.3	<0.5	<5.0	<4.0	ND
5/16/2022	<150	<100	<320	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.0099	<0.2	<1.0	<1.0	<0.6	<0.5	6.9	18	ND	
MW-7	7/7/2016	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	2	<0.5	<0.2	<0.5	NA	---	ND
	8/30/2016	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.5	NA	---	ND
	12/2/2016	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.0099	<0.2	<0.5	<0.5	<0.2	<0.5	NA	---	ND
	3/27/2017	<50	---	---	<0.2	<0.2	<0.2	<0.4	<0.2	<0.5	<0.01	<0.2	<0.5	<0.2	0.28	<0.2	NA	---	ND
	6/28/2017	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.5	NA	---	ND
	9/29/2017	<250	<100	<240	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.0099	<0.2	<0.5	<0.5	<0.2	<0.5	NA	<30	ND
	12/5/2017	<250	<110	<240	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.0099	<0.2	<0.5	<0.5	<0.2	<0.5	NA	<0.8	ND
	3/6/2018	<250	<110	<350	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.0099	<0.2	<1.0	<1.0	<0.3	<0.5	NA	<4.0	ND

TABLE 2

SUMMARY OF GROUNDWATER SAMPLE LABORATORY ANALYTICAL RESULTS

Circle K Store #2706042
 10171 Highway 12
 Naches, Washington 98937

Sample ID	Date Collected	NWTPH-Gx (ug/L)	NWTPH-Dx (ug/L)	NWTPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	EB (ug/L)	m&p-Xylenes (ug/L)	o-Xylene (ug/L)	MTBE (ug/L)	EDB (ug/L)	EDC (ug/L)	Naph (ug/L)	Isoprop (ug/L)	1,2,4-TMB (ug/L)	1,3,5-TMB (ug/L)	Arsenic (ug/L)	Total Lead (ug/L)	Other VOCs (ug/L)
	5/16/2022	<150	<100	<320	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.010	<0.2	<1.0	<1.0	<0.5	<0.5	<5.0	<2.0	ND
MW-8	7/7/2016	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	2	<0.5	<0.2	<0.5	NA	---	ND
	8/30/2016	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.5	NA	---	ND
	12/2/2016	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.5	NA	---	ND
	3/27/2017	<50	---	---	<0.2	<0.2	<0.2	<0.4	<0.2	<0.5	<0.01	<0.2	<0.5	<0.2	0.21	<0.2	NA	---	ND
	6/28/2017	<50	---	---	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.01	<0.2	<0.5	<0.5	<0.2	<0.5	NA	---	ND
	9/29/2017	<250	<110	<240	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.0099	<0.2	<0.5	<0.5	<0.2	<0.5	NA	<30	ND
	12/5/2017	<250	<100	<240	<0.2	<0.2	<0.2	<0.5	<0.5	<0.2	<0.0099	<0.2	<0.5	<0.5	<0.2	<0.5	NA	7.7	ND
	3/6/2018	<250	<110	<350	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.01	<0.2	<1.0	<1.0	<0.3	<0.5	NA	21	ND
	7/9/2018	<150	<110	<350	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.01	<0.2	<1.0	<1.0	<0.3	<0.5	20	33	ND
	9/24/2018	<250	<110	<350	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.01	<0.2	<1.0	<1.0	<0.3	<0.5	30	46	ND
	11/30/2018	<250	<110	<360	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.10	<0.2	<1.0	<1.0	<0.3	<0.5	19	30	ND
	4/22/2019	<250	<240	<410	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.10	<0.2	<1.0	<1.0	<0.3	<0.5	14	21	ND
	7/9/2019	<250	<110	<350	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.10	<0.2	<1.0	<1.0	<0.3	<0.5	3.5	7.4	ND
	9/25/2019	<250	<110	<350	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	0.043p	<0.2	<1.0	<1.0	<0.3	<0.5	<5.0	<4.0	ND
5/16/2022	<150	11000	10000	<0.2	<0.2	<0.2	<0.5	<0.5	<0.3	<0.0099	<0.2	<1.0	<1.0	<0.5	<0.5	<5.0	7.4	ND	
MW-9	11/10/2020	<150	<110	<320	0.38	0.32	<0.2	<0.5	<0.5	<0.30	<0.01	<0.2	<1.0	<1.0	<0.3	<0.5	<5.0	4.5	Trichloroethene 0.41
	4/20/2021	<250	<110	<350	<0.20	<0.20	<0.2	<0.50	<0.5	<0.30	<0.01	<0.20	<1.0	<1.0	<0.3	<0.5	<5.0	12	ND
	7/27/2021	<0.25	110	<0.35	<0.20	<0.20	<0.2	<0.50	<0.5	<0.30	<0.01	<0.20	<1.0	<1.0	<0.3	<0.5	6.6	18	ND
	9/22/2021	<250	<110	<350	<0.20	<0.20	<0.2	<0.50	<0.5	<0.30	<0.01	<0.20	<1.0	<1.0	<0.3	<0.5	<5.0	14	ND
	12/8/2021	<250	<110	<350	<0.20	<0.20	<0.2	<0.50	<0.5	<0.30	<0.01	<0.20	<1.0	<1.0	<0.3	<0.5	5.5	14	ND
	5/16/2022	<150	<110	<350	<0.20	<0.20	<0.2	<0.50	<0.5	<0.30	<0.01	<0.20	<1.0	<1.0	<0.5	<0.5	<5.0	9.1	ND
MTCA Cleanup Standards		800	500	500	5	1,000	700	1,000		20	0.01	NA	160	NA	NA	NA	5	15	NA

Notes:

- EB Ethylbenzene
- EPA U.S. Environmental Protection Agency
- mg/L milligrams per liter (parts per million)
- ug/L micrograms per liter (parts per billion)
- NWTPH-Gx Northwest Total Petroleum Hydrocarbons - Gasoline Range
- MTBE Methyl-tert-butyl Ether
- EDB Ethylene Dibromide
- Naph Naphthalene
- Isoprop Isopropylbenzene
- TMB Trimethylbenzene
- BOLD** Concentration exceeds laboratory reporting limit or method detection limit
- RED** Concentration exceeds applicable MTCA Cleanup Standard
- NA MTCA cleanup standard not available
- ND Not Detected above reporting limit
- MTCA Model Toxics Control Act
- Note: NWTPH DX and NWTPH-O results from 5/16/22 are likely from materials inside the well vault carried into well MW-8. There was water in the well vault that had to be removed prior to sampling.

TABLE 2

SUMMARY OF GROUNDWATER SAMPLE LABORATORY ANALYTICAL RESULTS

Circle K Store #2706042
 10171 Highway 12
 Naches, Washington 98937

Sample ID	Date Collected	NWTPH-Gx (ug/L)	NWTPH-Dx (ug/L)	NWTPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	EB (ug/L)	m&p-Xylenes (ug/L)	o-Xylene (ug/L)	MTBE (ug/L)	EDB (ug/L)	EDC (ug/L)	Naph (ug/L)	Isoprop (ug/L)	1,2,4-TMB (ug/L)	1,3,5-TMB (ug/L)	Arsenic (ug/L)	Total Lead (ug/L)	Other VOCs (ug/L)
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Since there was no NMWTPH-Gx inside well MW-8, the results for Dx and O are considered anomolous and are likley not representative of groundwater conditions.

APPENDICES

APPENDIX A

GROUNDWATER SAMPLE DATA SHEETS



BLAES ENVIRONMENTAL MANAGEMENT
 45 East Monterey Way, Phoenix, Arizona 85012
 602 728 0707

GROUNDWATER SAMPLING FORM

Well No.: MW-2
 Well Type: Monitor Remedial - VE AS
 Other: _____
 Well Material: PVC St. Steel
 Other: _____

Site ID: CIRCEK #6042
 Project No.: 202-6042-10
 Recorded By: D. BLAES

WELL PURGING

Purge Volume: _____ Purge Date: 5/16/22 Purge Method: _____
 Casing Diameter (D) in inches: 2-inch 4-inch 6-inch Other: _____
 Bailer - Type: DISPOSABLE
 Submersible Submersible Whale
 Other: low-flow BAILED FOR PURGE
 Total Depth of Casing (TD in feet BTOC): _____
 Water Level Depth (WL in feet BTOC): 9.38'
 Number of Well Volumes (# Vols) to be Purged: _____
 3 4 5 Other: BAILED Low-flow
 Pump Intake Setting: Near Bottom Near Top Other: _____
 Depth in feet (BTOC): _____
 Screen Interval in Feet (BTOC): from _____ to _____

Pump Time: _____ Purge Rate: _____ Actual Purge Volume: _____
 Start: _____ Stop: _____ Time Elapsed: _____ Initial: _____ ml/min _____ gallons
 Final: _____ ml/min

Field Parameter Measurements

Stabilization Settings

Time	Temp. ^{OC}	3% of reading Cond. 1 (umhos/cm)	3% of reading Cond. 2 (umhos/cm)	+/- 10% DO%	0.2 mg/L DO (mg/L)	+/- 10% pH	+/- 10% ORP (mV)	+/- 10% or +/- 1.0 NTU Turbidity	Depth to water	Notes
<u>INSITU</u>	<u>10.25</u>	<u>196</u>	<u>141</u>	<u>56.3</u>	<u>6.31</u>	<u>8.68</u>	<u>11.8</u>	<u>0.09</u>	<u>-</u>	
	<u>9.88</u>	<u>134</u>	<u>88</u>	<u>72.6</u>	<u>5.19</u>	<u>8.56</u>	<u>6.7</u>	<u>0.06</u>	<u>-</u>	<u>1</u>
	<u>9.87</u>	<u>124</u>	<u>89</u>	<u>65.0</u>	<u>7.36</u>	<u>8.63</u>	<u>3.2</u>	<u>0.06</u>	<u>-</u>	<u>2</u>
	<u>9.83</u>	<u>126</u>	<u>89</u>	<u>64.8</u>	<u>7.34</u>	<u>8.53</u>	<u>-0.6</u>	<u>0.06</u>	<u>-</u>	<u>3</u>

6/12/22

Purge Water Storage/Disposal: Drum(s), Number: _____ Sanitary Sewer Storm Sewer
 Observations During Purging (well Condition, Turbidity, Color, Odor, etc.): _____

WELL SAMPLING

Sampled By: D. BLAES Sampling date: 5/16/22 Sampling Time: 11:20 AM

Sampling Distribution

Water Level Before Sampling (in feet BTOC): _____

Sample No.	# Containers, Vol.	Preservative	Analysis	Lab	Comments
<u>MW-2</u>					

Other Notes: _____



BLAES ENVIRONMENTAL MANAGEMENT
45 East Monterey Way, Phoenix, Arizona 85012
602 728 0707

GROUNDWATER SAMPLING FORM

Well No.: MW-3
Well Type: Monitor Remedial - VE AS
 Other: _____
Well Material: PVC St. Steel
 Other: _____

Site ID: CIRCUK #6042
Project No.: 2026042-LO
Recorded By: D. BUGS

WELL PURGING

Purge Volume: _____ Purge Date: 5/16/22 Purge Method: _____
Casing Diameter (D) in inches: 2-inch 4-inch 6-inch Other: _____
Bailer - Type: DISPOSABLE
 Submersible Submersible Whale
 Other: low flow BAILED FOR PURGE
Total Depth of Casing (TD in feet BTOC): _____
Water Level Depth (WL in feet BTOC): 10.78'
Pump Intake Setting: _____
 Near Bottom Near Top Other: _____
Number of Well Volumes (# Vols) to be Purged: _____
 3 4 5 Other: BAILED Low-flow
Depth in feet (BTOC): _____
Screen Interval in Feet (BTOC): from _____ to _____

Pump Time: _____ Purge Rate: _____ Actual Purge Volume: _____
Start: _____ Stop: _____ Time Elapsed: _____ Initial: _____ ml/min _____ gallons
Field Parameter Measurements: _____ Final: _____ ml/min

Stabilization Settings

Time	Temp. °C	3% of reading Cond. 1 (umhos/cm)	3% of reading Cond. 2 (umhos/cm)	+/- 10% DO%	0.2 mg/L DO (mg/L)	+/- 10% pH	+/- 10% ORP (mV)	+/- 10% or +/- 1.0 NTU Turbidity	Depth to water	GM Notes
<u>INSITU</u>	<u>12.40</u>	<u>292</u>	<u>222</u>	<u>21.1</u>	<u>2.18</u>	<u>8.94</u>	<u>-145</u>	<u>0.14</u>	<u>—</u>	<u>—</u>
	<u>12.71</u>	<u>252</u>	<u>193</u>	<u>40.1</u>	<u>4.24</u>	<u>8.59</u>	<u>-116</u>	<u>0.12</u>	<u>—</u>	<u>1</u>
	<u>12.68</u>	<u>257</u>	<u>197</u>	<u>30.4</u>	<u>3.23</u>	<u>8.47</u>	<u>-106</u>	<u>0.12</u>	<u>—</u>	<u>2</u>
	<u>12.72</u>	<u>263</u>	<u>201</u>	<u>31.4</u>	<u>3.33</u>	<u>8.48</u>	<u>-98</u>	<u>0.13</u>	<u>—</u>	<u>3</u>

Purge Water Storage/Disposal: Drum(s), Number: _____ Sanitary Sewer Storm Sewer
Observations During Purging (well Condition, Turbidity, Color, Odor, etc.): _____

WELL SAMPLING

Sampled By: D. BUGS Sampling date: 5/16/22 Sampling Time: 3:10 pm

Sampling Distribution: _____ Water Level Before Sampling (in feet BTOC): _____

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

Other Notes: _____



BLAES ENVIRONMENTAL MANAGEMENT
 45 East Monterey Way, Phoenix, Arizona 85012
 602 728 0707

GROUNDWATER SAMPLING FORM

Well No.: MW-17
 Well Type: Monitor Remedial - VE AS
 Other: _____
 Well Material: PVC St. Steel
 Other: _____

Site ID: ARCEEK #6042
 Project No.: 202-0042-10
 Recorded By: D. Burgess

WELL PURGING

Purge Volume: _____ Purge Date: 5/16/22 Purge Method: _____
 Casing Diameter (D) in inches: 2-inch 4-inch 6-inch Other: _____
 Bailer - Type: DISPOSABLE
 Submersible Submersible Whale
 Other: low flow BAILED FOR PURGE
 Total Depth of Casing (TD in feet BTOC): _____
 Water Level Depth (WL in feet BTOC): 10.57
 Pump Intake Setting: _____
 Near Bottom Near Top Other: _____
 Number of Well Volumes (# Vols) to be Purged: _____
 3 4 5 Other: BAILED Low flow
 Depth in feet (BTOC): _____
 Screen Interval in Feet (BTOC): from _____ to _____

Pump Time: _____ Purge Rate: _____ Actual Purge Volume: _____
 Start: _____ Stop: _____ Time Elapsed: _____ Initial: _____ ml/min _____ gallons
 Final: _____ ml/min

Field Parameter Measurements

Stabilization Settings

Time	Temp.	3% of reading	3% of reading	+/- 10%	0.2 mg/L	+/- 10%	+/- 10%	+/- 10% or +/- 1.0 NTU	Depth to water	Notes
<u>INSITU</u>	<u>12.07</u>	<u>858</u>	<u>194</u>	<u>36.8</u>	<u>3.93</u>	<u>9.08</u>	<u>-13.7</u>	<u>0.12</u>	<u>-</u>	
	<u>12.75</u>	<u>213</u>	<u>163</u>	<u>57.0</u>	<u>5.99</u>	<u>8.43</u>	<u>-14.2</u>	<u>0.10</u>	<u>-</u>	<u>1</u>
	<u>12.69</u>	<u>237</u>	<u>181</u>	<u>47.7</u>	<u>5.06</u>	<u>8.43</u>	<u>-17.6</u>	<u>0.11</u>	<u>-</u>	<u>2</u>
	<u>12.74</u>	<u>242</u>	<u>185</u>	<u>46.9</u>	<u>4.97</u>	<u>8.44</u>	<u>-19.4</u>	<u>0.12</u>	<u>-</u>	<u>3</u>

Purge Water Storage/Disposal: Drum(s), Number: _____ Sanitary Sewer Storm Sewer
 Observations During Purging (well Condition, Turbidity, Color, Odor, etc.): _____

WELL SAMPLING

Sampled By: D. Burgess Sampling date: 5/16/22 Sampling Time: 2:30p

Sampling Distribution

Water Level Before Sampling (in feet BTOC): _____

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

Other Notes: _____



BLAES ENVIRONMENTAL MANAGEMENT
 45 East Monterey Way, Phoenix, Arizona 85012
 602 728 0707

GROUNDWATER SAMPLING FORM

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

Site ID: CREEK #6042
 Project No.: 2026042-10
 Recorded By: D-Bugas

WELL PURGING

Purge Volume _____ Purge Date: 5/16/22 Purge Method _____
 Casing Diameter (D) in inches: _____
 2-inch 4-inch 6-inch Other: _____
 Bailer - Type: DISPOSABLE
 Submersible Submersible Whale
 Other: low flow BAILED
 Total Depth of Casing (TD in feet BTOC): _____
 Water Level Depth (WL in feet BTOC): 9.47
 Number of Well Volumes (# Vols) to be Purged: _____
 3 4 5 Other: BAILED Low-flow
 Pump Intake Setting
 Near Bottom Near Top Other: _____
 Depth in feet (BTOC): _____
 Screen Interval in Feet (BTOC): from _____ to _____

Pump Time _____ Purge Rate _____ Actual Purge Volume _____
 Start: _____ Stop: _____ Time Elapsed: _____ Initial _____ ml/min _____ gallons
 Final _____ ml/min

Field Parameter Measurements

Stabilization Settings

Time	Temp.	3% of reading Cond. 1 (umhos/cm)	3% of reading Cond. 2 (umhos/cm)	+/- 10% DO%	0.2 mg/L DO (mg/L)	+/- 10% pH	+/- 10% ORP (mV)	+/- 10% or +/- 1.0 NTU Turbidity	Depth to water	Notes
<u>INSITU</u>	<u>10.75</u>	<u>224</u>	<u>163</u>	<u>68.8</u>	<u>7.46</u>	<u>8.90</u>	<u>8.9</u>	<u>0.11</u>	<u>-</u>	
	<u>11.06</u>	<u>1259</u>	<u>923</u>	<u>57.0</u>	<u>6.23</u>	<u>8.92</u>	<u>-12.2</u>	<u>0.63</u>	<u>-</u>	<u>1</u>
	<u>10.96</u>	<u>674</u>	<u>493</u>	<u>53.2</u>	<u>5.84</u>	<u>8.88</u>	<u>-8.4</u>	<u>0.33</u>	<u>-</u>	<u>2</u>
	<u>10.97</u>	<u>548</u>	<u>401</u>	<u>53.4</u>	<u>5.88</u>	<u>8.85</u>	<u>-6.8</u>	<u>0.27</u>	<u>-</u>	<u>3</u>

BAILED

Purge Water Storage/Disposal: Drum(s), Number: _____ Sanitary Sewer Storm Sewer
 Observations During Purging (well Condition, Turbidity, Color, Odor, etc.): _____

WELL SAMPLING

Sampled By: D-Bugas Sampling date: 5/16/22 Sampling Time: 10:43 AM

Water Level Before Sampling (in feet BTOC): _____

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

Other Notes: _____

APPENDIX B

GROUNDWATER LABORATORY ANALYTICAL REPORT

ANALYTICAL REPORT

Eurofins Seattle
5755 8th Street East
Tacoma, WA 98424
Tel: (253)922-2310

Laboratory Job ID: 580-113886-1

Client Project/Site: Circle K 6042 Naches, WA
Sampling Event: Circle K #6042 Naches

For:

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

Attn: Dan Blaes



Authorized for release by:
5/31/2022 9:40:35 AM

Elaine Walker, Project Manager II
(253)248-4972

M.Elaine.Walker@et.eurofinsus.com

LINKS

Review your project
results through



Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Case Narrative

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

Job ID: 580-113886-1

Laboratory: Eurofins Seattle

Narrative

CASE NARRATIVE

Client: Blaes Environmental Inc.
Project: Circle K 6042 Naches, WA
Report Number: 580-113886-1

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

Nine samples were received on 5/17/2022 8:55 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.5° C.

Receipt Exceptions

The sample ID for 1 HCL VOA vial for the following sample did not match the information listed on the Chain-of-Custody (COC): MW-3 (580-113886-3). The container labels list MW-1 sampled 1510, while the COC lists MW-3 sampled 1510. All MW-1 vials sampled 1153 are accounted for.

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): MW-2 (580-113886-2) and MW-9 (580-113886-8). There were 2 sets of MW-2 submitted. One set with the MW-2 sample time that matches the COC @ 1120 while the other set has a sample time of 1043. This 1043 sample time matches MW-9 for which there were no vials provided. The 1043 vials were labeled as MW-9.

The Chain-of-Custody (COC) was incomplete as received. A specific list of metals was not provided on the COC. The samples were logged per the metals list built in the project.

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 MW-1 (580-113886-1), MW-2 (580-113886-2), MW-3 (580-113886-3), MW-4 (580-113886-4), MW-6 (580-113886-5), MW-7 (580-113886-6), MW-8 (580-113886-7) and MW-9 (580-113886-8) were analyzed for volatile organic compounds (GC-MS) in accordance with 8260D. The samples were analyzed on 05/19/2022.

The CCV for analytical batch 580-391235 recovered outside control limits for the following analyte: Bromomethane has 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 580-391235 recovered outside acceptance criteria, low biased, for Methyl tert-butyl ether and trans-1,3-Dichloropropene. A reporting limit (RL) standard was analyzed, and the target analytes are detected.

Case Narrative

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

Job ID: 580-113886-1 (Continued)

Laboratory: Eurofins Seattle (Continued)

Since the associated samples were non-detect for the analyte(s), the data are reported.

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

GASOLINE RANGE ORGANICS

Samples MW-1 (580-113886-1), MW-2 (580-113886-2), MW-3 (580-113886-3), MW-4 (580-113886-4), MW-6 (580-113886-5), MW-7 (580-113886-6), MW-8 (580-113886-7) and MW-9 (580-113886-8) were analyzed for gasoline range organics in accordance with NWTPH-Gx. The samples were analyzed on 05/19/2022 and 05/23/2022.

The continuing calibration verification (CCV) associated with batch 590-36183 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 laboratory control sample (LCS) for analytical batch 590-36183 recovered outside control limits for the following analytes: Gasoline. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

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

1,2-DIBROMOETHANE BY MICROEXTRACTION AND GAS CHROMATOGRAPHY

Samples MW-1 (580-113886-1), MW-2 (580-113886-2), MW-3 (580-113886-3), MW-4 (580-113886-4), MW-6 (580-113886-5), MW-7 (580-113886-6), MW-8 (580-113886-7), MW-9 (580-113886-8) and Trip Blank (580-113886-9) were analyzed for 1,2-dibromoethane by microextraction and gas chromatography in accordance with EPA SW-846 Method 8011. The samples were prepared on 05/23/2022 and analyzed on 05/24/2022 and 05/25/2022.

The continuing calibration verification (CCV) associated with batch 580-391721 recovered above the upper control limit for 1,2-Dibromopropane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW-7 (580-113886-6), MW-8 (580-113886-7), MW-9 (580-113886-8), Trip Blank (580-113886-9) and (CCV 580-391534/5-A).

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

DIESEL AND MOTOR OIL RANGE ORGANICS

Samples MW-1 (580-113886-1), MW-2 (580-113886-2), MW-3 (580-113886-3), MW-4 (580-113886-4), MW-6 (580-113886-5), MW-7 (580-113886-6), MW-8 (580-113886-7) and MW-9 (580-113886-8) were analyzed for diesel and motor oil range organics in accordance with Method NWTPH-Dx. The samples were prepared on 05/20/2022 and analyzed on 05/21/2022.

The following samples formed emulsions during the extraction procedure: MW-1 (580-113886-1), MW-2 (580-113886-2), MW-3 (580-113886-3), MW-4 (580-113886-4) and MW-6 (580-113886-5). The emulsions were broken up using additional sodium sulfate and dichloromethane. Otherwise, the procedure was followed according to the SOP.

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

METALS (ICPMS)

Samples MW-1 (580-113886-1), MW-2 (580-113886-2), MW-3 (580-113886-3), MW-4 (580-113886-4), MW-6 (580-113886-5), MW-7 (580-113886-6), MW-8 (580-113886-7) and MW-9 (580-113886-8) were analyzed for Metals (ICPMS) in accordance with 6020B. The samples were prepared on 05/19/2022 and analyzed on 05/20/2022.

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 6042 Naches, WA

Job ID: 580-113886-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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 Sample Results

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

Client Sample ID: MW-1

Lab Sample ID: 580-113886-1

Date Collected: 05/16/22 11:53

Matrix: Water

Date Received: 05/17/22 08:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.40		ug/L			05/19/22 17:55	1
Chloromethane	ND		0.50		ug/L			05/19/22 17:55	1
Vinyl chloride	ND		0.020		ug/L			05/19/22 17:55	1
Bromomethane	ND		0.50		ug/L			05/19/22 17:55	1
Chloroethane	ND		0.50		ug/L			05/19/22 17:55	1
Trichlorofluoromethane	ND		0.50		ug/L			05/19/22 17:55	1
1,1-Dichloroethene	ND		0.20		ug/L			05/19/22 17:55	1
Methylene Chloride	ND		5.0		ug/L			05/19/22 17:55	1
Methyl tert-butyl ether	ND		0.30		ug/L			05/19/22 17:55	1
trans-1,2-Dichloroethene	ND		0.20		ug/L			05/19/22 17:55	1
1,1-Dichloroethane	ND		0.20		ug/L			05/19/22 17:55	1
2,2-Dichloropropane	ND		0.50		ug/L			05/19/22 17:55	1
cis-1,2-Dichloroethene	ND		0.20		ug/L			05/19/22 17:55	1
Chlorobromomethane	ND		0.20		ug/L			05/19/22 17:55	1
Chloroform	ND		0.20		ug/L			05/19/22 17:55	1
1,1,1-Trichloroethane	ND		0.20		ug/L			05/19/22 17:55	1
Carbon tetrachloride	ND		0.20		ug/L			05/19/22 17:55	1
1,1-Dichloropropene	ND		0.20		ug/L			05/19/22 17:55	1
Benzene	ND		0.20		ug/L			05/19/22 17:55	1
EDC	ND		0.20		ug/L			05/19/22 17:55	1
Trichloroethene	ND		0.20		ug/L			05/19/22 17:55	1
1,2-Dichloropropane	ND		0.20		ug/L			05/19/22 17:55	1
Dibromomethane	ND		0.20		ug/L			05/19/22 17:55	1
Dichlorobromomethane	ND		0.20		ug/L			05/19/22 17:55	1
cis-1,3-Dichloropropene	ND		0.20		ug/L			05/19/22 17:55	1
Toluene	ND		0.20		ug/L			05/19/22 17:55	1
trans-1,3-Dichloropropene	ND		0.20		ug/L			05/19/22 17:55	1
1,1,2-Trichloroethane	ND		0.20		ug/L			05/19/22 17:55	1
Tetrachloroethene	ND		0.50		ug/L			05/19/22 17:55	1
1,3-Dichloropropane	ND		0.20		ug/L			05/19/22 17:55	1
Chlorodibromomethane	ND		0.20		ug/L			05/19/22 17:55	1
Chlorobenzene	ND		0.20		ug/L			05/19/22 17:55	1
1,1,1,2-Tetrachloroethane	ND		0.30		ug/L			05/19/22 17:55	1
Ethylbenzene	ND		0.20		ug/L			05/19/22 17:55	1
m-Xylene & p-Xylene	ND		0.50		ug/L			05/19/22 17:55	1
o-Xylene	ND		0.50		ug/L			05/19/22 17:55	1
Styrene	ND		1.0		ug/L			05/19/22 17:55	1
Bromoform	ND		0.50		ug/L			05/19/22 17:55	1
Isopropylbenzene	ND		1.0		ug/L			05/19/22 17:55	1
Bromobenzene	ND		0.20		ug/L			05/19/22 17:55	1
1,1,2,2-Tetrachloroethane	ND		0.20		ug/L			05/19/22 17:55	1
1,2,3-Trichloropropane	ND		0.20		ug/L			05/19/22 17:55	1
N-Propylbenzene	ND		0.30		ug/L			05/19/22 17:55	1
2-Chlorotoluene	ND		0.50		ug/L			05/19/22 17:55	1
4-Chlorotoluene	ND		0.30		ug/L			05/19/22 17:55	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			05/19/22 17:55	1
tert-Butylbenzene	ND		0.50		ug/L			05/19/22 17:55	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			05/19/22 17:55	1
sec-Butylbenzene	ND		1.0		ug/L			05/19/22 17:55	1

Eurofins Seattle

Client Sample Results

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

Client Sample ID: MW-1

Lab Sample ID: 580-113886-1

Date Collected: 05/16/22 11:53

Matrix: Water

Date Received: 05/17/22 08:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		0.50		ug/L			05/19/22 17:55	1
1,3-Dichlorobenzene	ND		0.30		ug/L			05/19/22 17:55	1
1,4-Dichlorobenzene	ND		0.30		ug/L			05/19/22 17:55	1
n-Butylbenzene	ND		1.0		ug/L			05/19/22 17:55	1
1,2-Dichlorobenzene	ND		0.30		ug/L			05/19/22 17:55	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			05/19/22 17:55	1
1,2,4-Trichlorobenzene	ND		0.50		ug/L			05/19/22 17:55	1
Hexachlorobutadiene	ND		0.50		ug/L			05/19/22 17:55	1
Naphthalene	ND		1.0		ug/L			05/19/22 17:55	1
1,2,3-Trichlorobenzene	ND		0.50		ug/L			05/19/22 17:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120		05/19/22 17:55	1
Dibromofluoromethane (Surr)	98		80 - 120		05/19/22 17:55	1
4-Bromofluorobenzene (Surr)	89		80 - 120		05/19/22 17:55	1
1,2-Dichloroethane-d4 (Surr)	93		80 - 120		05/19/22 17:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND	*+	150		ug/L			05/19/22 17:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		68.7 - 141		05/19/22 17:22	1

Method: 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.010		ug/L		05/23/22 12:53	05/24/22 23:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dibromopropane	140		60 - 140	05/23/22 12:53	05/24/22 23:07	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		0.11		mg/L		05/20/22 09:15	05/21/22 03:32	1
Motor Oil (>C24-C36)	ND		0.35		mg/L		05/20/22 09:15	05/21/22 03:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	78		50 - 150	05/20/22 09:15	05/21/22 03:32	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	31		5.0		ug/L		05/19/22 19:43	05/20/22 16:55	5
Lead	56		2.0		ug/L		05/19/22 19:43	05/20/22 16:55	5

Client Sample Results

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

Client Sample ID: MW-2

Lab Sample ID: 580-113886-2

Date Collected: 05/16/22 11:20

Matrix: Water

Date Received: 05/17/22 08:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.40		ug/L			05/19/22 18:19	1
Chloromethane	ND		0.50		ug/L			05/19/22 18:19	1
Vinyl chloride	ND		0.020		ug/L			05/19/22 18:19	1
Bromomethane	ND		0.50		ug/L			05/19/22 18:19	1
Chloroethane	ND		0.50		ug/L			05/19/22 18:19	1
Trichlorofluoromethane	ND		0.50		ug/L			05/19/22 18:19	1
1,1-Dichloroethene	ND		0.20		ug/L			05/19/22 18:19	1
Methylene Chloride	ND		5.0		ug/L			05/19/22 18:19	1
Methyl tert-butyl ether	ND		0.30		ug/L			05/19/22 18:19	1
trans-1,2-Dichloroethene	ND		0.20		ug/L			05/19/22 18:19	1
1,1-Dichloroethane	ND		0.20		ug/L			05/19/22 18:19	1
2,2-Dichloropropane	ND		0.50		ug/L			05/19/22 18:19	1
cis-1,2-Dichloroethene	ND		0.20		ug/L			05/19/22 18:19	1
Chlorobromomethane	ND		0.20		ug/L			05/19/22 18:19	1
Chloroform	ND		0.20		ug/L			05/19/22 18:19	1
1,1,1-Trichloroethane	ND		0.20		ug/L			05/19/22 18:19	1
Carbon tetrachloride	ND		0.20		ug/L			05/19/22 18:19	1
1,1-Dichloropropene	ND		0.20		ug/L			05/19/22 18:19	1
Benzene	ND		0.20		ug/L			05/19/22 18:19	1
EDC	ND		0.20		ug/L			05/19/22 18:19	1
Trichloroethene	ND		0.20		ug/L			05/19/22 18:19	1
1,2-Dichloropropane	ND		0.20		ug/L			05/19/22 18:19	1
Dibromomethane	ND		0.20		ug/L			05/19/22 18:19	1
Dichlorobromomethane	ND		0.20		ug/L			05/19/22 18:19	1
cis-1,3-Dichloropropene	ND		0.20		ug/L			05/19/22 18:19	1
Toluene	ND		0.20		ug/L			05/19/22 18:19	1
trans-1,3-Dichloropropene	ND		0.20		ug/L			05/19/22 18:19	1
1,1,2-Trichloroethane	ND		0.20		ug/L			05/19/22 18:19	1
Tetrachloroethene	ND		0.50		ug/L			05/19/22 18:19	1
1,3-Dichloropropane	ND		0.20		ug/L			05/19/22 18:19	1
Chlorodibromomethane	ND		0.20		ug/L			05/19/22 18:19	1
Chlorobenzene	ND		0.20		ug/L			05/19/22 18:19	1
1,1,1,2-Tetrachloroethane	ND		0.30		ug/L			05/19/22 18:19	1
Ethylbenzene	ND		0.20		ug/L			05/19/22 18:19	1
m-Xylene & p-Xylene	ND		0.50		ug/L			05/19/22 18:19	1
o-Xylene	ND		0.50		ug/L			05/19/22 18:19	1
Styrene	ND		1.0		ug/L			05/19/22 18:19	1
Bromoform	ND		0.50		ug/L			05/19/22 18:19	1
Isopropylbenzene	ND		1.0		ug/L			05/19/22 18:19	1
Bromobenzene	ND		0.20		ug/L			05/19/22 18:19	1
1,1,2,2-Tetrachloroethane	ND		0.20		ug/L			05/19/22 18:19	1
1,2,3-Trichloropropane	ND		0.20		ug/L			05/19/22 18:19	1
N-Propylbenzene	ND		0.30		ug/L			05/19/22 18:19	1
2-Chlorotoluene	ND		0.50		ug/L			05/19/22 18:19	1
4-Chlorotoluene	ND		0.30		ug/L			05/19/22 18:19	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			05/19/22 18:19	1
tert-Butylbenzene	ND		0.50		ug/L			05/19/22 18:19	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			05/19/22 18:19	1
sec-Butylbenzene	ND		1.0		ug/L			05/19/22 18:19	1

Eurofins Seattle

Client Sample Results

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

Client Sample ID: MW-2

Lab Sample ID: 580-113886-2

Date Collected: 05/16/22 11:20

Matrix: Water

Date Received: 05/17/22 08:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		0.50		ug/L			05/19/22 18:19	1
1,3-Dichlorobenzene	ND		0.30		ug/L			05/19/22 18:19	1
1,4-Dichlorobenzene	ND		0.30		ug/L			05/19/22 18:19	1
n-Butylbenzene	ND		1.0		ug/L			05/19/22 18:19	1
1,2-Dichlorobenzene	ND		0.30		ug/L			05/19/22 18:19	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			05/19/22 18:19	1
1,2,4-Trichlorobenzene	ND		0.50		ug/L			05/19/22 18:19	1
Hexachlorobutadiene	ND		0.50		ug/L			05/19/22 18:19	1
Naphthalene	ND		1.0		ug/L			05/19/22 18:19	1
1,2,3-Trichlorobenzene	ND		0.50		ug/L			05/19/22 18:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120					05/19/22 18:19	1
Dibromofluoromethane (Surr)	108		80 - 120					05/19/22 18:19	1
4-Bromofluorobenzene (Surr)	92		80 - 120					05/19/22 18:19	1
1,2-Dichloroethane-d4 (Surr)	86		80 - 120					05/19/22 18:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND	*+	150		ug/L			05/19/22 18:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		68.7 - 141					05/19/22 18:27	1

Method: 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.010		ug/L		05/23/22 12:53	05/24/22 23:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dibromopropane	113		60 - 140				05/23/22 12:53	05/24/22 23:23	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		0.11		mg/L		05/20/22 09:15	05/21/22 03:52	1
Motor Oil (>C24-C36)	ND		0.35		mg/L		05/20/22 09:15	05/21/22 03:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	78		50 - 150				05/20/22 09:15	05/21/22 03:52	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		5.0		ug/L		05/19/22 19:43	05/20/22 16:32	5
Lead	3.3		2.0		ug/L		05/19/22 19:43	05/20/22 16:32	5

Client Sample Results

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

Client Sample ID: MW-3
Date Collected: 05/16/22 15:10
Date Received: 05/17/22 08:55

Lab Sample ID: 580-113886-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.40		ug/L			05/19/22 18:43	1
Chloromethane	ND		0.50		ug/L			05/19/22 18:43	1
Vinyl chloride	ND		0.020		ug/L			05/19/22 18:43	1
Bromomethane	ND		0.50		ug/L			05/19/22 18:43	1
Chloroethane	ND		0.50		ug/L			05/19/22 18:43	1
Trichlorofluoromethane	ND		0.50		ug/L			05/19/22 18:43	1
1,1-Dichloroethene	ND		0.20		ug/L			05/19/22 18:43	1
Methylene Chloride	ND		5.0		ug/L			05/19/22 18:43	1
Methyl tert-butyl ether	ND		0.30		ug/L			05/19/22 18:43	1
trans-1,2-Dichloroethene	ND		0.20		ug/L			05/19/22 18:43	1
1,1-Dichloroethane	ND		0.20		ug/L			05/19/22 18:43	1
2,2-Dichloropropane	ND		0.50		ug/L			05/19/22 18:43	1
cis-1,2-Dichloroethene	ND		0.20		ug/L			05/19/22 18:43	1
Chlorobromomethane	ND		0.20		ug/L			05/19/22 18:43	1
Chloroform	ND		0.20		ug/L			05/19/22 18:43	1
1,1,1-Trichloroethane	ND		0.20		ug/L			05/19/22 18:43	1
Carbon tetrachloride	ND		0.20		ug/L			05/19/22 18:43	1
1,1-Dichloropropene	ND		0.20		ug/L			05/19/22 18:43	1
Benzene	ND		0.20		ug/L			05/19/22 18:43	1
EDC	ND		0.20		ug/L			05/19/22 18:43	1
Trichloroethene	ND		0.20		ug/L			05/19/22 18:43	1
1,2-Dichloropropane	ND		0.20		ug/L			05/19/22 18:43	1
Dibromomethane	ND		0.20		ug/L			05/19/22 18:43	1
Dichlorobromomethane	ND		0.20		ug/L			05/19/22 18:43	1
cis-1,3-Dichloropropene	ND		0.20		ug/L			05/19/22 18:43	1
Toluene	ND		0.20		ug/L			05/19/22 18:43	1
trans-1,3-Dichloropropene	ND		0.20		ug/L			05/19/22 18:43	1
1,1,2-Trichloroethane	ND		0.20		ug/L			05/19/22 18:43	1
Tetrachloroethene	ND		0.50		ug/L			05/19/22 18:43	1
1,3-Dichloropropane	ND		0.20		ug/L			05/19/22 18:43	1
Chlorodibromomethane	ND		0.20		ug/L			05/19/22 18:43	1
Chlorobenzene	ND		0.20		ug/L			05/19/22 18:43	1
1,1,1,2-Tetrachloroethane	ND		0.30		ug/L			05/19/22 18:43	1
Ethylbenzene	3.1		0.20		ug/L			05/19/22 18:43	1
m-Xylene & p-Xylene	ND		0.50		ug/L			05/19/22 18:43	1
o-Xylene	ND		0.50		ug/L			05/19/22 18:43	1
Styrene	ND		1.0		ug/L			05/19/22 18:43	1
Bromoform	ND		0.50		ug/L			05/19/22 18:43	1
Isopropylbenzene	3.4		1.0		ug/L			05/19/22 18:43	1
Bromobenzene	ND		0.20		ug/L			05/19/22 18:43	1
1,1,2,2-Tetrachloroethane	ND		0.20		ug/L			05/19/22 18:43	1
1,2,3-Trichloropropane	ND		0.20		ug/L			05/19/22 18:43	1
N-Propylbenzene	11		0.30		ug/L			05/19/22 18:43	1
2-Chlorotoluene	ND		0.50		ug/L			05/19/22 18:43	1
4-Chlorotoluene	ND		0.30		ug/L			05/19/22 18:43	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			05/19/22 18:43	1
tert-Butylbenzene	ND		0.50		ug/L			05/19/22 18:43	1
1,2,4-Trimethylbenzene	2.2		0.50		ug/L			05/19/22 18:43	1
sec-Butylbenzene	ND		1.0		ug/L			05/19/22 18:43	1

Client Sample Results

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

Client Sample ID: MW-3

Lab Sample ID: 580-113886-3

Date Collected: 05/16/22 15:10

Matrix: Water

Date Received: 05/17/22 08:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		0.50		ug/L			05/19/22 18:43	1
1,3-Dichlorobenzene	ND		0.30		ug/L			05/19/22 18:43	1
1,4-Dichlorobenzene	ND		0.30		ug/L			05/19/22 18:43	1
n-Butylbenzene	ND		1.0		ug/L			05/19/22 18:43	1
1,2-Dichlorobenzene	ND		0.30		ug/L			05/19/22 18:43	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			05/19/22 18:43	1
1,2,4-Trichlorobenzene	ND		0.50		ug/L			05/19/22 18:43	1
Hexachlorobutadiene	ND		0.50		ug/L			05/19/22 18:43	1
Naphthalene	1.4		1.0		ug/L			05/19/22 18:43	1
1,2,3-Trichlorobenzene	ND		0.50		ug/L			05/19/22 18:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		80 - 120		05/19/22 18:43	1
Dibromofluoromethane (Surr)	103		80 - 120		05/19/22 18:43	1
4-Bromofluorobenzene (Surr)	100		80 - 120		05/19/22 18:43	1
1,2-Dichloroethane-d4 (Surr)	91		80 - 120		05/19/22 18:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	600		150		ug/L			05/23/22 21:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		68.7 - 141		05/23/22 21:03	1

Method: 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.010		ug/L		05/23/22 12:53	05/24/22 23:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dibromopropane	119		60 - 140	05/23/22 12:53	05/24/22 23:39	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)	0.24		0.11		mg/L		05/20/22 09:15	05/21/22 04:32	1
Motor Oil (>C24-C36)	ND		0.36		mg/L		05/20/22 09:15	05/21/22 04:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	72		50 - 150	05/20/22 09:15	05/21/22 04:32	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		5.0		ug/L		05/19/22 19:43	05/20/22 16:36	5
Lead	2.4		2.0		ug/L		05/19/22 19:43	05/20/22 16:36	5

Client Sample Results

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

Client Sample ID: MW-4

Lab Sample ID: 580-113886-4

Date Collected: 05/16/22 13:08

Matrix: Water

Date Received: 05/17/22 08:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.40		ug/L			05/19/22 19:07	1
Chloromethane	ND		0.50		ug/L			05/19/22 19:07	1
Vinyl chloride	ND		0.020		ug/L			05/19/22 19:07	1
Bromomethane	ND		0.50		ug/L			05/19/22 19:07	1
Chloroethane	ND		0.50		ug/L			05/19/22 19:07	1
Trichlorofluoromethane	ND		0.50		ug/L			05/19/22 19:07	1
1,1-Dichloroethene	ND		0.20		ug/L			05/19/22 19:07	1
Methylene Chloride	ND		5.0		ug/L			05/19/22 19:07	1
Methyl tert-butyl ether	ND		0.30		ug/L			05/19/22 19:07	1
trans-1,2-Dichloroethene	ND		0.20		ug/L			05/19/22 19:07	1
1,1-Dichloroethane	ND		0.20		ug/L			05/19/22 19:07	1
2,2-Dichloropropane	ND		0.50		ug/L			05/19/22 19:07	1
cis-1,2-Dichloroethene	ND		0.20		ug/L			05/19/22 19:07	1
Chlorobromomethane	ND		0.20		ug/L			05/19/22 19:07	1
Chloroform	ND		0.20		ug/L			05/19/22 19:07	1
1,1,1-Trichloroethane	ND		0.20		ug/L			05/19/22 19:07	1
Carbon tetrachloride	ND		0.20		ug/L			05/19/22 19:07	1
1,1-Dichloropropene	ND		0.20		ug/L			05/19/22 19:07	1
Benzene	ND		0.20		ug/L			05/19/22 19:07	1
EDC	ND		0.20		ug/L			05/19/22 19:07	1
Trichloroethene	ND		0.20		ug/L			05/19/22 19:07	1
1,2-Dichloropropane	ND		0.20		ug/L			05/19/22 19:07	1
Dibromomethane	ND		0.20		ug/L			05/19/22 19:07	1
Dichlorobromomethane	ND		0.20		ug/L			05/19/22 19:07	1
cis-1,3-Dichloropropene	ND		0.20		ug/L			05/19/22 19:07	1
Toluene	ND		0.20		ug/L			05/19/22 19:07	1
trans-1,3-Dichloropropene	ND		0.20		ug/L			05/19/22 19:07	1
1,1,2-Trichloroethane	ND		0.20		ug/L			05/19/22 19:07	1
Tetrachloroethene	ND		0.50		ug/L			05/19/22 19:07	1
1,3-Dichloropropane	ND		0.20		ug/L			05/19/22 19:07	1
Chlorodibromomethane	ND		0.20		ug/L			05/19/22 19:07	1
Chlorobenzene	ND		0.20		ug/L			05/19/22 19:07	1
1,1,1,2-Tetrachloroethane	ND		0.30		ug/L			05/19/22 19:07	1
Ethylbenzene	ND		0.20		ug/L			05/19/22 19:07	1
m-Xylene & p-Xylene	ND		0.50		ug/L			05/19/22 19:07	1
o-Xylene	ND		0.50		ug/L			05/19/22 19:07	1
Styrene	ND		1.0		ug/L			05/19/22 19:07	1
Bromoform	ND		0.50		ug/L			05/19/22 19:07	1
Isopropylbenzene	ND		1.0		ug/L			05/19/22 19:07	1
Bromobenzene	ND		0.20		ug/L			05/19/22 19:07	1
1,1,2,2-Tetrachloroethane	ND		0.20		ug/L			05/19/22 19:07	1
1,2,3-Trichloropropane	ND		0.20		ug/L			05/19/22 19:07	1
N-Propylbenzene	ND		0.30		ug/L			05/19/22 19:07	1
2-Chlorotoluene	ND		0.50		ug/L			05/19/22 19:07	1
4-Chlorotoluene	ND		0.30		ug/L			05/19/22 19:07	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			05/19/22 19:07	1
tert-Butylbenzene	ND		0.50		ug/L			05/19/22 19:07	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			05/19/22 19:07	1
sec-Butylbenzene	ND		1.0		ug/L			05/19/22 19:07	1

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Client Sample Results

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

Client Sample ID: MW-4

Lab Sample ID: 580-113886-4

Date Collected: 05/16/22 13:08

Matrix: Water

Date Received: 05/17/22 08:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		0.50		ug/L			05/19/22 19:07	1
1,3-Dichlorobenzene	ND		0.30		ug/L			05/19/22 19:07	1
1,4-Dichlorobenzene	ND		0.30		ug/L			05/19/22 19:07	1
n-Butylbenzene	ND		1.0		ug/L			05/19/22 19:07	1
1,2-Dichlorobenzene	ND		0.30		ug/L			05/19/22 19:07	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			05/19/22 19:07	1
1,2,4-Trichlorobenzene	ND		0.50		ug/L			05/19/22 19:07	1
Hexachlorobutadiene	ND		0.50		ug/L			05/19/22 19:07	1
Naphthalene	ND		1.0		ug/L			05/19/22 19:07	1
1,2,3-Trichlorobenzene	ND		0.50		ug/L			05/19/22 19:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		05/19/22 19:07	1
Dibromofluoromethane (Surr)	105		80 - 120		05/19/22 19:07	1
4-Bromofluorobenzene (Surr)	95		80 - 120		05/19/22 19:07	1
1,2-Dichloroethane-d4 (Surr)	91		80 - 120		05/19/22 19:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND	*+	150		ug/L			05/19/22 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		68.7 - 141		05/19/22 19:10	1

Method: 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.010		ug/L		05/23/22 12:53	05/24/22 23:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dibromopropane	111		60 - 140	05/23/22 12:53	05/24/22 23:55	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		0.11		mg/L		05/20/22 09:15	05/21/22 04:52	1
Motor Oil (>C24-C36)	ND		0.35		mg/L		05/20/22 09:15	05/21/22 04:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	74		50 - 150	05/20/22 09:15	05/21/22 04:52	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.9		5.0		ug/L		05/19/22 19:43	05/20/22 16:40	5
Lead	11		2.0		ug/L		05/19/22 19:43	05/20/22 16:40	5

Client Sample Results

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

Client Sample ID: MW-6

Lab Sample ID: 580-113886-5

Date Collected: 05/16/22 13:41

Matrix: Water

Date Received: 05/17/22 08:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.40		ug/L			05/19/22 19:31	1
Chloromethane	ND		0.50		ug/L			05/19/22 19:31	1
Vinyl chloride	ND		0.020		ug/L			05/19/22 19:31	1
Bromomethane	ND		0.50		ug/L			05/19/22 19:31	1
Chloroethane	ND		0.50		ug/L			05/19/22 19:31	1
Trichlorofluoromethane	ND		0.50		ug/L			05/19/22 19:31	1
1,1-Dichloroethene	ND		0.20		ug/L			05/19/22 19:31	1
Methylene Chloride	ND		5.0		ug/L			05/19/22 19:31	1
Methyl tert-butyl ether	ND		0.30		ug/L			05/19/22 19:31	1
trans-1,2-Dichloroethene	ND		0.20		ug/L			05/19/22 19:31	1
1,1-Dichloroethane	ND		0.20		ug/L			05/19/22 19:31	1
2,2-Dichloropropane	ND		0.50		ug/L			05/19/22 19:31	1
cis-1,2-Dichloroethene	ND		0.20		ug/L			05/19/22 19:31	1
Chlorobromomethane	ND		0.20		ug/L			05/19/22 19:31	1
Chloroform	ND		0.20		ug/L			05/19/22 19:31	1
1,1,1-Trichloroethane	ND		0.20		ug/L			05/19/22 19:31	1
Carbon tetrachloride	ND		0.20		ug/L			05/19/22 19:31	1
1,1-Dichloropropene	ND		0.20		ug/L			05/19/22 19:31	1
Benzene	ND		0.20		ug/L			05/19/22 19:31	1
EDC	ND		0.20		ug/L			05/19/22 19:31	1
Trichloroethene	ND		0.20		ug/L			05/19/22 19:31	1
1,2-Dichloropropane	ND		0.20		ug/L			05/19/22 19:31	1
Dibromomethane	ND		0.20		ug/L			05/19/22 19:31	1
Dichlorobromomethane	ND		0.20		ug/L			05/19/22 19:31	1
cis-1,3-Dichloropropene	ND		0.20		ug/L			05/19/22 19:31	1
Toluene	ND		0.20		ug/L			05/19/22 19:31	1
trans-1,3-Dichloropropene	ND		0.20		ug/L			05/19/22 19:31	1
1,1,2-Trichloroethane	ND		0.20		ug/L			05/19/22 19:31	1
Tetrachloroethene	ND		0.50		ug/L			05/19/22 19:31	1
1,3-Dichloropropane	ND		0.20		ug/L			05/19/22 19:31	1
Chlorodibromomethane	ND		0.20		ug/L			05/19/22 19:31	1
Chlorobenzene	ND		0.20		ug/L			05/19/22 19:31	1
1,1,1,2-Tetrachloroethane	ND		0.30		ug/L			05/19/22 19:31	1
Ethylbenzene	ND		0.20		ug/L			05/19/22 19:31	1
m-Xylene & p-Xylene	ND		0.50		ug/L			05/19/22 19:31	1
o-Xylene	ND		0.50		ug/L			05/19/22 19:31	1
Styrene	ND		1.0		ug/L			05/19/22 19:31	1
Bromoform	ND		0.50		ug/L			05/19/22 19:31	1
Isopropylbenzene	ND		1.0		ug/L			05/19/22 19:31	1
Bromobenzene	ND		0.20		ug/L			05/19/22 19:31	1
1,1,2,2-Tetrachloroethane	ND		0.20		ug/L			05/19/22 19:31	1
1,2,3-Trichloropropane	ND		0.20		ug/L			05/19/22 19:31	1
N-Propylbenzene	ND		0.30		ug/L			05/19/22 19:31	1
2-Chlorotoluene	ND		0.50		ug/L			05/19/22 19:31	1
4-Chlorotoluene	ND		0.30		ug/L			05/19/22 19:31	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			05/19/22 19:31	1
tert-Butylbenzene	ND		0.50		ug/L			05/19/22 19:31	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			05/19/22 19:31	1
sec-Butylbenzene	ND		1.0		ug/L			05/19/22 19:31	1

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Client Sample Results

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

Client Sample ID: MW-6

Lab Sample ID: 580-113886-5

Date Collected: 05/16/22 13:41

Matrix: Water

Date Received: 05/17/22 08:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		0.50		ug/L			05/19/22 19:31	1
1,3-Dichlorobenzene	ND		0.30		ug/L			05/19/22 19:31	1
1,4-Dichlorobenzene	ND		0.30		ug/L			05/19/22 19:31	1
n-Butylbenzene	ND		1.0		ug/L			05/19/22 19:31	1
1,2-Dichlorobenzene	ND		0.30		ug/L			05/19/22 19:31	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			05/19/22 19:31	1
1,2,4-Trichlorobenzene	ND		0.50		ug/L			05/19/22 19:31	1
Hexachlorobutadiene	ND		0.50		ug/L			05/19/22 19:31	1
Naphthalene	ND		1.0		ug/L			05/19/22 19:31	1
1,2,3-Trichlorobenzene	ND		0.50		ug/L			05/19/22 19:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		05/19/22 19:31	1
Dibromofluoromethane (Surr)	106		80 - 120		05/19/22 19:31	1
4-Bromofluorobenzene (Surr)	93		80 - 120		05/19/22 19:31	1
1,2-Dichloroethane-d4 (Surr)	94		80 - 120		05/19/22 19:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND	*+	150		ug/L			05/19/22 15:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		68.7 - 141		05/19/22 15:11	1

Method: 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.0099		ug/L		05/23/22 12:54	05/25/22 00:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dibromopropane	125		60 - 140	05/23/22 12:54	05/25/22 00:11	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		0.10		mg/L		05/20/22 09:15	05/21/22 05:12	1
Motor Oil (>C24-C36)	ND		0.32		mg/L		05/20/22 09:15	05/21/22 05:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	85		50 - 150	05/20/22 09:15	05/21/22 05:12	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.9		5.0		ug/L		05/19/22 19:43	05/20/22 16:44	5
Lead	18		2.0		ug/L		05/19/22 19:43	05/20/22 16:44	5

Client Sample Results

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

Client Sample ID: MW-7

Lab Sample ID: 580-113886-6

Date Collected: 05/16/22 14:30

Matrix: Water

Date Received: 05/17/22 08:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.40		ug/L			05/19/22 19:56	1
Chloromethane	ND		0.50		ug/L			05/19/22 19:56	1
Vinyl chloride	ND		0.020		ug/L			05/19/22 19:56	1
Bromomethane	ND		0.50		ug/L			05/19/22 19:56	1
Chloroethane	ND		0.50		ug/L			05/19/22 19:56	1
Trichlorofluoromethane	ND		0.50		ug/L			05/19/22 19:56	1
1,1-Dichloroethene	ND		0.20		ug/L			05/19/22 19:56	1
Methylene Chloride	ND		5.0		ug/L			05/19/22 19:56	1
Methyl tert-butyl ether	ND		0.30		ug/L			05/19/22 19:56	1
trans-1,2-Dichloroethene	ND		0.20		ug/L			05/19/22 19:56	1
1,1-Dichloroethane	ND		0.20		ug/L			05/19/22 19:56	1
2,2-Dichloropropane	ND		0.50		ug/L			05/19/22 19:56	1
cis-1,2-Dichloroethene	ND		0.20		ug/L			05/19/22 19:56	1
Chlorobromomethane	ND		0.20		ug/L			05/19/22 19:56	1
Chloroform	ND		0.20		ug/L			05/19/22 19:56	1
1,1,1-Trichloroethane	ND		0.20		ug/L			05/19/22 19:56	1
Carbon tetrachloride	ND		0.20		ug/L			05/19/22 19:56	1
1,1-Dichloropropene	ND		0.20		ug/L			05/19/22 19:56	1
Benzene	ND		0.20		ug/L			05/19/22 19:56	1
EDC	ND		0.20		ug/L			05/19/22 19:56	1
Trichloroethene	ND		0.20		ug/L			05/19/22 19:56	1
1,2-Dichloropropane	ND		0.20		ug/L			05/19/22 19:56	1
Dibromomethane	ND		0.20		ug/L			05/19/22 19:56	1
Dichlorobromomethane	ND		0.20		ug/L			05/19/22 19:56	1
cis-1,3-Dichloropropene	ND		0.20		ug/L			05/19/22 19:56	1
Toluene	ND		0.20		ug/L			05/19/22 19:56	1
trans-1,3-Dichloropropene	ND		0.20		ug/L			05/19/22 19:56	1
1,1,2-Trichloroethane	ND		0.20		ug/L			05/19/22 19:56	1
Tetrachloroethene	ND		0.50		ug/L			05/19/22 19:56	1
1,3-Dichloropropane	ND		0.20		ug/L			05/19/22 19:56	1
Chlorodibromomethane	ND		0.20		ug/L			05/19/22 19:56	1
Chlorobenzene	ND		0.20		ug/L			05/19/22 19:56	1
1,1,1,2-Tetrachloroethane	ND		0.30		ug/L			05/19/22 19:56	1
Ethylbenzene	ND		0.20		ug/L			05/19/22 19:56	1
m-Xylene & p-Xylene	ND		0.50		ug/L			05/19/22 19:56	1
o-Xylene	ND		0.50		ug/L			05/19/22 19:56	1
Styrene	ND		1.0		ug/L			05/19/22 19:56	1
Bromoform	ND		0.50		ug/L			05/19/22 19:56	1
Isopropylbenzene	ND		1.0		ug/L			05/19/22 19:56	1
Bromobenzene	ND		0.20		ug/L			05/19/22 19:56	1
1,1,2,2-Tetrachloroethane	ND		0.20		ug/L			05/19/22 19:56	1
1,2,3-Trichloropropane	ND		0.20		ug/L			05/19/22 19:56	1
N-Propylbenzene	ND		0.30		ug/L			05/19/22 19:56	1
2-Chlorotoluene	ND		0.50		ug/L			05/19/22 19:56	1
4-Chlorotoluene	ND		0.30		ug/L			05/19/22 19:56	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			05/19/22 19:56	1
tert-Butylbenzene	ND		0.50		ug/L			05/19/22 19:56	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			05/19/22 19:56	1
sec-Butylbenzene	ND		1.0		ug/L			05/19/22 19:56	1

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Client Sample Results

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

Client Sample ID: MW-7

Lab Sample ID: 580-113886-6

Date Collected: 05/16/22 14:30

Matrix: Water

Date Received: 05/17/22 08:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		0.50		ug/L			05/19/22 19:56	1
1,3-Dichlorobenzene	ND		0.30		ug/L			05/19/22 19:56	1
1,4-Dichlorobenzene	ND		0.30		ug/L			05/19/22 19:56	1
n-Butylbenzene	ND		1.0		ug/L			05/19/22 19:56	1
1,2-Dichlorobenzene	ND		0.30		ug/L			05/19/22 19:56	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			05/19/22 19:56	1
1,2,4-Trichlorobenzene	ND		0.50		ug/L			05/19/22 19:56	1
Hexachlorobutadiene	ND		0.50		ug/L			05/19/22 19:56	1
Naphthalene	ND		1.0		ug/L			05/19/22 19:56	1
1,2,3-Trichlorobenzene	ND		0.50		ug/L			05/19/22 19:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		80 - 120		05/19/22 19:56	1
Dibromofluoromethane (Surr)	109		80 - 120		05/19/22 19:56	1
4-Bromofluorobenzene (Surr)	91		80 - 120		05/19/22 19:56	1
1,2-Dichloroethane-d4 (Surr)	97		80 - 120		05/19/22 19:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND	*+	150		ug/L			05/19/22 15:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		68.7 - 141		05/19/22 15:33	1

Method: 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.010		ug/L		05/23/22 12:54	05/25/22 01:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dibromopropane	140		60 - 140	05/23/22 12:54	05/25/22 01:16	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		0.10		mg/L		05/20/22 09:15	05/21/22 05:32	1
Motor Oil (>C24-C36)	ND		0.32		mg/L		05/20/22 09:15	05/21/22 05:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	74		50 - 150	05/20/22 09:15	05/21/22 05:32	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		5.0		ug/L		05/19/22 19:43	05/20/22 15:50	5
Lead	ND		2.0		ug/L		05/19/22 19:43	05/20/22 15:50	5

Client Sample Results

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

Client Sample ID: MW-8

Lab Sample ID: 580-113886-7

Date Collected: 05/16/22 12:36

Matrix: Water

Date Received: 05/17/22 08:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.40		ug/L			05/19/22 20:20	1
Chloromethane	ND		0.50		ug/L			05/19/22 20:20	1
Vinyl chloride	ND		0.020		ug/L			05/19/22 20:20	1
Bromomethane	ND		0.50		ug/L			05/19/22 20:20	1
Chloroethane	ND		0.50		ug/L			05/19/22 20:20	1
Trichlorofluoromethane	ND		0.50		ug/L			05/19/22 20:20	1
1,1-Dichloroethene	ND		0.20		ug/L			05/19/22 20:20	1
Methylene Chloride	ND		5.0		ug/L			05/19/22 20:20	1
Methyl tert-butyl ether	ND		0.30		ug/L			05/19/22 20:20	1
trans-1,2-Dichloroethene	ND		0.20		ug/L			05/19/22 20:20	1
1,1-Dichloroethane	ND		0.20		ug/L			05/19/22 20:20	1
2,2-Dichloropropane	ND		0.50		ug/L			05/19/22 20:20	1
cis-1,2-Dichloroethene	ND		0.20		ug/L			05/19/22 20:20	1
Chlorobromomethane	ND		0.20		ug/L			05/19/22 20:20	1
Chloroform	ND		0.20		ug/L			05/19/22 20:20	1
1,1,1-Trichloroethane	ND		0.20		ug/L			05/19/22 20:20	1
Carbon tetrachloride	ND		0.20		ug/L			05/19/22 20:20	1
1,1-Dichloropropene	ND		0.20		ug/L			05/19/22 20:20	1
Benzene	ND		0.20		ug/L			05/19/22 20:20	1
EDC	ND		0.20		ug/L			05/19/22 20:20	1
Trichloroethene	ND		0.20		ug/L			05/19/22 20:20	1
1,2-Dichloropropane	ND		0.20		ug/L			05/19/22 20:20	1
Dibromomethane	ND		0.20		ug/L			05/19/22 20:20	1
Dichlorobromomethane	ND		0.20		ug/L			05/19/22 20:20	1
cis-1,3-Dichloropropene	ND		0.20		ug/L			05/19/22 20:20	1
Toluene	ND		0.20		ug/L			05/19/22 20:20	1
trans-1,3-Dichloropropene	ND		0.20		ug/L			05/19/22 20:20	1
1,1,2-Trichloroethane	ND		0.20		ug/L			05/19/22 20:20	1
Tetrachloroethene	ND		0.50		ug/L			05/19/22 20:20	1
1,3-Dichloropropane	ND		0.20		ug/L			05/19/22 20:20	1
Chlorodibromomethane	ND		0.20		ug/L			05/19/22 20:20	1
Chlorobenzene	ND		0.20		ug/L			05/19/22 20:20	1
1,1,1,2-Tetrachloroethane	ND		0.30		ug/L			05/19/22 20:20	1
Ethylbenzene	ND		0.20		ug/L			05/19/22 20:20	1
m-Xylene & p-Xylene	ND		0.50		ug/L			05/19/22 20:20	1
o-Xylene	ND		0.50		ug/L			05/19/22 20:20	1
Styrene	ND		1.0		ug/L			05/19/22 20:20	1
Bromoform	ND		0.50		ug/L			05/19/22 20:20	1
Isopropylbenzene	ND		1.0		ug/L			05/19/22 20:20	1
Bromobenzene	ND		0.20		ug/L			05/19/22 20:20	1
1,1,2,2-Tetrachloroethane	ND		0.20		ug/L			05/19/22 20:20	1
1,2,3-Trichloropropane	ND		0.20		ug/L			05/19/22 20:20	1
N-Propylbenzene	ND		0.30		ug/L			05/19/22 20:20	1
2-Chlorotoluene	ND		0.50		ug/L			05/19/22 20:20	1
4-Chlorotoluene	ND		0.30		ug/L			05/19/22 20:20	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			05/19/22 20:20	1
tert-Butylbenzene	ND		0.50		ug/L			05/19/22 20:20	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			05/19/22 20:20	1
sec-Butylbenzene	ND		1.0		ug/L			05/19/22 20:20	1

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Client Sample Results

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

Client Sample ID: MW-8

Lab Sample ID: 580-113886-7

Date Collected: 05/16/22 12:36

Matrix: Water

Date Received: 05/17/22 08:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		0.50		ug/L			05/19/22 20:20	1
1,3-Dichlorobenzene	ND		0.30		ug/L			05/19/22 20:20	1
1,4-Dichlorobenzene	ND		0.30		ug/L			05/19/22 20:20	1
n-Butylbenzene	ND		1.0		ug/L			05/19/22 20:20	1
1,2-Dichlorobenzene	ND		0.30		ug/L			05/19/22 20:20	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			05/19/22 20:20	1
1,2,4-Trichlorobenzene	ND		0.50		ug/L			05/19/22 20:20	1
Hexachlorobutadiene	ND		0.50		ug/L			05/19/22 20:20	1
Naphthalene	ND		1.0		ug/L			05/19/22 20:20	1
1,2,3-Trichlorobenzene	ND		0.50		ug/L			05/19/22 20:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		05/19/22 20:20	1
Dibromofluoromethane (Surr)	106		80 - 120		05/19/22 20:20	1
4-Bromofluorobenzene (Surr)	94		80 - 120		05/19/22 20:20	1
1,2-Dichloroethane-d4 (Surr)	98		80 - 120		05/19/22 20:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND	*+	150		ug/L			05/19/22 15:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		68.7 - 141		05/19/22 15:55	1

Method: 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.0099		ug/L		05/23/22 12:54	05/25/22 01:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dibromopropane	103		60 - 140	05/23/22 12:54	05/25/22 01:32	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)	11		0.10		mg/L		05/20/22 09:15	05/21/22 05:53	1
Motor Oil (>C24-C36)	10		0.32		mg/L		05/20/22 09:15	05/21/22 05:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	85		50 - 150	05/20/22 09:15	05/21/22 05:53	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		5.0		ug/L		05/19/22 19:43	05/20/22 16:48	5
Lead	7.4		2.0		ug/L		05/19/22 19:43	05/20/22 16:48	5

Client Sample Results

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

Client Sample ID: MW-9

Lab Sample ID: 580-113886-8

Date Collected: 05/16/22 10:43

Matrix: Water

Date Received: 05/17/22 08:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.40		ug/L			05/19/22 20:44	1
Chloromethane	ND		0.50		ug/L			05/19/22 20:44	1
Vinyl chloride	ND		0.020		ug/L			05/19/22 20:44	1
Bromomethane	ND		0.50		ug/L			05/19/22 20:44	1
Chloroethane	ND		0.50		ug/L			05/19/22 20:44	1
Trichlorofluoromethane	ND		0.50		ug/L			05/19/22 20:44	1
1,1-Dichloroethene	ND		0.20		ug/L			05/19/22 20:44	1
Methylene Chloride	ND		5.0		ug/L			05/19/22 20:44	1
Methyl tert-butyl ether	ND		0.30		ug/L			05/19/22 20:44	1
trans-1,2-Dichloroethene	ND		0.20		ug/L			05/19/22 20:44	1
1,1-Dichloroethane	ND		0.20		ug/L			05/19/22 20:44	1
2,2-Dichloropropane	ND		0.50		ug/L			05/19/22 20:44	1
cis-1,2-Dichloroethene	ND		0.20		ug/L			05/19/22 20:44	1
Chlorobromomethane	ND		0.20		ug/L			05/19/22 20:44	1
Chloroform	ND		0.20		ug/L			05/19/22 20:44	1
1,1,1-Trichloroethane	ND		0.20		ug/L			05/19/22 20:44	1
Carbon tetrachloride	ND		0.20		ug/L			05/19/22 20:44	1
1,1-Dichloropropene	ND		0.20		ug/L			05/19/22 20:44	1
Benzene	ND		0.20		ug/L			05/19/22 20:44	1
EDC	ND		0.20		ug/L			05/19/22 20:44	1
Trichloroethene	ND		0.20		ug/L			05/19/22 20:44	1
1,2-Dichloropropane	ND		0.20		ug/L			05/19/22 20:44	1
Dibromomethane	ND		0.20		ug/L			05/19/22 20:44	1
Dichlorobromomethane	ND		0.20		ug/L			05/19/22 20:44	1
cis-1,3-Dichloropropene	ND		0.20		ug/L			05/19/22 20:44	1
Toluene	ND		0.20		ug/L			05/19/22 20:44	1
trans-1,3-Dichloropropene	ND		0.20		ug/L			05/19/22 20:44	1
1,1,2-Trichloroethane	ND		0.20		ug/L			05/19/22 20:44	1
Tetrachloroethene	ND		0.50		ug/L			05/19/22 20:44	1
1,3-Dichloropropane	ND		0.20		ug/L			05/19/22 20:44	1
Chlorodibromomethane	ND		0.20		ug/L			05/19/22 20:44	1
Chlorobenzene	ND		0.20		ug/L			05/19/22 20:44	1
1,1,1,2-Tetrachloroethane	ND		0.30		ug/L			05/19/22 20:44	1
Ethylbenzene	ND		0.20		ug/L			05/19/22 20:44	1
m-Xylene & p-Xylene	ND		0.50		ug/L			05/19/22 20:44	1
o-Xylene	ND		0.50		ug/L			05/19/22 20:44	1
Styrene	ND		1.0		ug/L			05/19/22 20:44	1
Bromoform	ND		0.50		ug/L			05/19/22 20:44	1
Isopropylbenzene	ND		1.0		ug/L			05/19/22 20:44	1
Bromobenzene	ND		0.20		ug/L			05/19/22 20:44	1
1,1,2,2-Tetrachloroethane	ND		0.20		ug/L			05/19/22 20:44	1
1,2,3-Trichloropropane	ND		0.20		ug/L			05/19/22 20:44	1
N-Propylbenzene	ND		0.30		ug/L			05/19/22 20:44	1
2-Chlorotoluene	ND		0.50		ug/L			05/19/22 20:44	1
4-Chlorotoluene	ND		0.30		ug/L			05/19/22 20:44	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			05/19/22 20:44	1
tert-Butylbenzene	ND		0.50		ug/L			05/19/22 20:44	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			05/19/22 20:44	1
sec-Butylbenzene	ND		1.0		ug/L			05/19/22 20:44	1

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Client Sample Results

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

Client Sample ID: MW-9

Lab Sample ID: 580-113886-8

Date Collected: 05/16/22 10:43

Matrix: Water

Date Received: 05/17/22 08:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		0.50		ug/L			05/19/22 20:44	1
1,3-Dichlorobenzene	ND		0.30		ug/L			05/19/22 20:44	1
1,4-Dichlorobenzene	ND		0.30		ug/L			05/19/22 20:44	1
n-Butylbenzene	ND		1.0		ug/L			05/19/22 20:44	1
1,2-Dichlorobenzene	ND		0.30		ug/L			05/19/22 20:44	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			05/19/22 20:44	1
1,2,4-Trichlorobenzene	ND		0.50		ug/L			05/19/22 20:44	1
Hexachlorobutadiene	ND		0.50		ug/L			05/19/22 20:44	1
Naphthalene	ND		1.0		ug/L			05/19/22 20:44	1
1,2,3-Trichlorobenzene	ND		0.50		ug/L			05/19/22 20:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		80 - 120		05/19/22 20:44	1
Dibromofluoromethane (Surr)	104		80 - 120		05/19/22 20:44	1
4-Bromofluorobenzene (Surr)	92		80 - 120		05/19/22 20:44	1
1,2-Dichloroethane-d4 (Surr)	96		80 - 120		05/19/22 20:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND	*+	150		ug/L			05/19/22 16:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		68.7 - 141		05/19/22 16:17	1

Method: 8011 - EDB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.010		ug/L		05/23/22 12:54	05/25/22 01:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dibromopropane	119		60 - 140	05/23/22 12:54	05/25/22 01:48	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		0.11		mg/L		05/20/22 09:15	05/21/22 06:13	1
Motor Oil (>C24-C36)	ND		0.35		mg/L		05/20/22 09:15	05/21/22 06:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	83		50 - 150	05/20/22 09:15	05/21/22 06:13	1

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		5.0		ug/L		05/19/22 19:43	05/20/22 16:51	5
Lead	9.1		2.0		ug/L		05/19/22 19:43	05/20/22 16:51	5

Client Sample Results

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

Client Sample ID: Trip Blank

Lab Sample ID: 580-113886-9

Date Collected: 05/16/22 00:00

Matrix: Water

Date Received: 05/17/22 08:55

Method: 8011 - EDB

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>RL</u>	<u>MDL</u>	<u>Unit</u>	<u>D</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
Ethylene Dibromide	ND		0.010		ug/L		05/23/22 12:54	05/25/22 02:04	1

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
1,2-Dibromopropane	126		60 - 140	05/23/22 12:54	05/25/22 02:04	1

QC Sample Results

Client: Blaes Environmental Inc.
 Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

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

Lab Sample ID: MB 580-391235/6
Matrix: Water
Analysis Batch: 391235

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.40		ug/L			05/19/22 14:18	1
Chloromethane	ND		0.50		ug/L			05/19/22 14:18	1
Vinyl chloride	ND		0.020		ug/L			05/19/22 14:18	1
Bromomethane	ND		0.50		ug/L			05/19/22 14:18	1
Chloroethane	ND		0.50		ug/L			05/19/22 14:18	1
Trichlorofluoromethane	ND		0.50		ug/L			05/19/22 14:18	1
1,1-Dichloroethene	ND		0.20		ug/L			05/19/22 14:18	1
Methylene Chloride	ND		5.0		ug/L			05/19/22 14:18	1
Methyl tert-butyl ether	ND		0.30		ug/L			05/19/22 14:18	1
trans-1,2-Dichloroethene	ND		0.20		ug/L			05/19/22 14:18	1
1,1-Dichloroethane	ND		0.20		ug/L			05/19/22 14:18	1
2,2-Dichloropropane	ND		0.50		ug/L			05/19/22 14:18	1
cis-1,2-Dichloroethene	ND		0.20		ug/L			05/19/22 14:18	1
Chlorobromomethane	ND		0.20		ug/L			05/19/22 14:18	1
Chloroform	ND		0.20		ug/L			05/19/22 14:18	1
1,1,1-Trichloroethane	ND		0.20		ug/L			05/19/22 14:18	1
Carbon tetrachloride	ND		0.20		ug/L			05/19/22 14:18	1
1,1-Dichloropropene	ND		0.20		ug/L			05/19/22 14:18	1
Benzene	ND		0.20		ug/L			05/19/22 14:18	1
EDC	ND		0.20		ug/L			05/19/22 14:18	1
Trichloroethene	ND		0.20		ug/L			05/19/22 14:18	1
1,2-Dichloropropane	ND		0.20		ug/L			05/19/22 14:18	1
Dibromomethane	ND		0.20		ug/L			05/19/22 14:18	1
Dichlorobromomethane	ND		0.20		ug/L			05/19/22 14:18	1
cis-1,3-Dichloropropene	ND		0.20		ug/L			05/19/22 14:18	1
Toluene	ND		0.20		ug/L			05/19/22 14:18	1
trans-1,3-Dichloropropene	ND		0.20		ug/L			05/19/22 14:18	1
1,1,2-Trichloroethane	ND		0.20		ug/L			05/19/22 14:18	1
Tetrachloroethene	ND		0.50		ug/L			05/19/22 14:18	1
1,3-Dichloropropane	ND		0.20		ug/L			05/19/22 14:18	1
Chlorodibromomethane	ND		0.20		ug/L			05/19/22 14:18	1
Chlorobenzene	ND		0.20		ug/L			05/19/22 14:18	1
1,1,1,2-Tetrachloroethane	ND		0.30		ug/L			05/19/22 14:18	1
Ethylbenzene	ND		0.20		ug/L			05/19/22 14:18	1
m-Xylene & p-Xylene	ND		0.50		ug/L			05/19/22 14:18	1
o-Xylene	ND		0.50		ug/L			05/19/22 14:18	1
Styrene	ND		1.0		ug/L			05/19/22 14:18	1
Bromoform	ND		0.50		ug/L			05/19/22 14:18	1
Isopropylbenzene	ND		1.0		ug/L			05/19/22 14:18	1
Bromobenzene	ND		0.20		ug/L			05/19/22 14:18	1
1,1,2,2-Tetrachloroethane	ND		0.20		ug/L			05/19/22 14:18	1
1,2,3-Trichloropropane	ND		0.20		ug/L			05/19/22 14:18	1
N-Propylbenzene	ND		0.30		ug/L			05/19/22 14:18	1
2-Chlorotoluene	ND		0.50		ug/L			05/19/22 14:18	1
4-Chlorotoluene	ND		0.30		ug/L			05/19/22 14:18	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			05/19/22 14:18	1
tert-Butylbenzene	ND		0.50		ug/L			05/19/22 14:18	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			05/19/22 14:18	1

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QC Sample Results

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

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

Lab Sample ID: MB 580-391235/6
Matrix: Water
Analysis Batch: 391235

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		1.0		ug/L			05/19/22 14:18	1
4-Isopropyltoluene	ND		0.50		ug/L			05/19/22 14:18	1
1,3-Dichlorobenzene	ND		0.30		ug/L			05/19/22 14:18	1
1,4-Dichlorobenzene	ND		0.30		ug/L			05/19/22 14:18	1
n-Butylbenzene	ND		1.0		ug/L			05/19/22 14:18	1
1,2-Dichlorobenzene	ND		0.30		ug/L			05/19/22 14:18	1
1,2-Dibromo-3-Chloropropane	ND		2.0		ug/L			05/19/22 14:18	1
1,2,4-Trichlorobenzene	ND		0.50		ug/L			05/19/22 14:18	1
Hexachlorobutadiene	ND		0.50		ug/L			05/19/22 14:18	1
Naphthalene	ND		1.0		ug/L			05/19/22 14:18	1
1,2,3-Trichlorobenzene	ND		0.50		ug/L			05/19/22 14:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		05/19/22 14:18	1
Dibromofluoromethane (Surr)	100		80 - 120		05/19/22 14:18	1
4-Bromofluorobenzene (Surr)	92		80 - 120		05/19/22 14:18	1
1,2-Dichloroethane-d4 (Surr)	99		80 - 120		05/19/22 14:18	1

Lab Sample ID: LCS 580-391235/3
Matrix: Water
Analysis Batch: 391235

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	5.00	4.63		ug/L		93	20 - 150
Chloromethane	5.00	5.03		ug/L		101	32 - 150
Vinyl chloride	5.00	5.09		ug/L		102	41 - 150
Bromomethane	5.00	6.57		ug/L		131	51 - 148
Chloroethane	5.00	5.50		ug/L		110	54 - 140
Trichlorofluoromethane	5.00	5.61		ug/L		112	60 - 132
1,1-Dichloroethene	5.00	5.72		ug/L		114	60 - 129
Methylene Chloride	5.00	4.33	J	ug/L		87	40 - 142
Methyl tert-butyl ether	5.00	3.89		ug/L		78	61 - 131
trans-1,2-Dichloroethene	5.00	5.33		ug/L		107	69 - 121
1,1-Dichloroethane	5.00	4.92		ug/L		98	74 - 120
2,2-Dichloropropane	5.00	4.68		ug/L		94	55 - 140
cis-1,2-Dichloroethene	5.00	4.90		ug/L		98	72 - 120
Chlorobromomethane	5.00	5.11		ug/L		102	79 - 121
Chloroform	5.00	4.67		ug/L		93	75 - 120
1,1,1-Trichloroethane	5.00	5.27		ug/L		105	70 - 121
Carbon tetrachloride	5.00	5.20		ug/L		104	66 - 130
1,1-Dichloropropene	5.00	5.08		ug/L		102	72 - 125
Benzene	5.00	4.82		ug/L		96	80 - 120
EDC	5.00	4.21		ug/L		84	74 - 127
Trichloroethene	5.00	5.18		ug/L		104	72 - 120
1,2-Dichloropropane	5.00	4.40		ug/L		88	69 - 130
Dibromomethane	5.00	5.18		ug/L		104	65 - 141
Dichlorobromomethane	5.00	4.68		ug/L		94	74 - 131
cis-1,3-Dichloropropene	5.00	4.14		ug/L		83	77 - 131

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QC Sample Results

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

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

Lab Sample ID: LCS 580-391235/3
Matrix: Water
Analysis Batch: 391235

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	5.00	4.71		ug/L		94	80 - 126
trans-1,3-Dichloropropene	5.00	3.79		ug/L		76	71 - 138
1,1,2-Trichloroethane	5.00	4.58		ug/L		92	73 - 127
Tetrachloroethene	5.00	5.37		ug/L		107	75 - 124
1,3-Dichloropropane	5.00	4.42		ug/L		88	69 - 138
Chlorodibromomethane	5.00	4.52		ug/L		90	62 - 141
Chlorobenzene	5.00	5.16		ug/L		103	74 - 123
1,1,1,2-Tetrachloroethane	5.00	4.84		ug/L		97	69 - 127
Ethylbenzene	5.00	4.87		ug/L		97	80 - 124
m-Xylene & p-Xylene	5.00	4.41		ug/L		88	75 - 124
o-Xylene	5.00	4.69		ug/L		94	71 - 124
Styrene	5.00	4.22		ug/L		84	74 - 127
Bromoform	5.00	4.43		ug/L		89	48 - 127
Isopropylbenzene	5.00	4.57		ug/L		91	71 - 123
Bromobenzene	5.00	5.22		ug/L		104	74 - 130
1,1,2,2-Tetrachloroethane	5.00	4.89		ug/L		98	67 - 136
1,2,3-Trichloropropane	5.00	5.10		ug/L		102	67 - 135
N-Propylbenzene	5.00	4.87		ug/L		97	72 - 126
2-Chlorotoluene	5.00	5.07		ug/L		101	73 - 120
4-Chlorotoluene	5.00	4.85		ug/L		97	75 - 124
1,3,5-Trimethylbenzene	5.00	4.85		ug/L		97	75 - 123
tert-Butylbenzene	5.00	4.86		ug/L		97	70 - 129
1,2,4-Trimethylbenzene	5.00	4.91		ug/L		98	71 - 127
sec-Butylbenzene	5.00	4.71		ug/L		94	75 - 126
4-Isopropyltoluene	5.00	4.74		ug/L		95	78 - 125
1,3-Dichlorobenzene	5.00	5.11		ug/L		102	72 - 125
1,4-Dichlorobenzene	5.00	5.33		ug/L		107	71 - 129
n-Butylbenzene	5.00	4.79		ug/L		96	69 - 127
1,2-Dichlorobenzene	5.00	5.25		ug/L		105	72 - 129
1,2-Dibromo-3-Chloropropane	5.00	4.83		ug/L		97	55 - 135
1,2,4-Trichlorobenzene	5.00	4.81		ug/L		96	60 - 130
Hexachlorobutadiene	5.00	5.24		ug/L		105	63 - 130
Naphthalene	5.00	4.29		ug/L		86	54 - 137
1,2,3-Trichlorobenzene	5.00	5.42		ug/L		108	60 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	96		80 - 120
Dibromofluoromethane (Surr)	102		80 - 120
4-Bromofluorobenzene (Surr)	101		80 - 120
1,2-Dichloroethane-d4 (Surr)	93		80 - 120

Lab Sample ID: LCSD 580-391235/4
Matrix: Water
Analysis Batch: 391235

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dichlorodifluoromethane	5.00	4.90		ug/L		98	20 - 150	6	30
Chloromethane	5.00	5.16		ug/L		103	32 - 150	3	33

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QC Sample Results

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

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

Lab Sample ID: LCSD 580-391235/4
Matrix: Water
Analysis Batch: 391235

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Vinyl chloride	5.00	5.20		ug/L		104	41 - 150	2	32
Bromomethane	5.00	6.46		ug/L		129	51 - 148	2	35
Chloroethane	5.00	5.58		ug/L		112	54 - 140	1	33
Trichlorofluoromethane	5.00	5.45		ug/L		109	60 - 132	3	32
1,1-Dichloroethene	5.00	5.95		ug/L		119	60 - 129	4	29
Methylene Chloride	5.00	4.35	J	ug/L		87	40 - 142	0	25
Methyl tert-butyl ether	5.00	3.91		ug/L		78	61 - 131	0	27
trans-1,2-Dichloroethene	5.00	5.13		ug/L		103	69 - 121	4	27
1,1-Dichloroethane	5.00	4.97		ug/L		99	74 - 120	1	26
2,2-Dichloropropane	5.00	4.70		ug/L		94	55 - 140	0	31
cis-1,2-Dichloroethene	5.00	4.96		ug/L		99	72 - 120	1	22
Chlorobromomethane	5.00	5.17		ug/L		103	79 - 121	1	20
Chloroform	5.00	4.81		ug/L		96	75 - 120	3	21
1,1,1-Trichloroethane	5.00	5.25		ug/L		105	70 - 121	0	24
Carbon tetrachloride	5.00	5.20		ug/L		104	66 - 130	0	24
1,1-Dichloropropene	5.00	5.43		ug/L		109	72 - 125	7	23
Benzene	5.00	4.93		ug/L		99	80 - 120	2	22
EDC	5.00	4.27		ug/L		85	74 - 127	1	21
Trichloroethene	5.00	5.30		ug/L		106	72 - 120	2	22
1,2-Dichloropropane	5.00	4.48		ug/L		90	69 - 130	2	22
Dibromomethane	5.00	5.27		ug/L		105	65 - 141	2	22
Dichlorobromomethane	5.00	4.65		ug/L		93	74 - 131	0	21
cis-1,3-Dichloropropene	5.00	3.97		ug/L		79	77 - 131	4	24
Toluene	5.00	4.70		ug/L		94	80 - 126	0	20
trans-1,3-Dichloropropene	5.00	3.84		ug/L		77	71 - 138	1	26
1,1,2-Trichloroethane	5.00	4.72		ug/L		94	73 - 127	3	22
Tetrachloroethene	5.00	5.49		ug/L		110	75 - 124	2	20
1,3-Dichloropropane	5.00	4.32		ug/L		86	69 - 138	2	19
Chlorodibromomethane	5.00	4.74		ug/L		95	62 - 141	5	22
Chlorobenzene	5.00	5.05		ug/L		101	74 - 123	2	21
1,1,1,2-Tetrachloroethane	5.00	4.76		ug/L		95	69 - 127	2	22
Ethylbenzene	5.00	4.84		ug/L		97	80 - 124	1	22
m-Xylene & p-Xylene	5.00	4.40		ug/L		88	75 - 124	0	22
o-Xylene	5.00	4.62		ug/L		92	71 - 124	2	23
Styrene	5.00	4.08		ug/L		82	74 - 127	3	22
Bromoform	5.00	4.25		ug/L		85	48 - 127	4	23
Isopropylbenzene	5.00	4.56		ug/L		91	71 - 123	0	23
Bromobenzene	5.00	4.90		ug/L		98	74 - 130	6	23
1,1,2,2-Tetrachloroethane	5.00	4.62		ug/L		92	67 - 136	6	24
1,2,3-Trichloropropane	5.00	5.08		ug/L		102	67 - 135	0	25
N-Propylbenzene	5.00	4.87		ug/L		97	72 - 126	0	20
2-Chlorotoluene	5.00	5.12		ug/L		102	73 - 120	1	22
4-Chlorotoluene	5.00	5.18		ug/L		104	75 - 124	7	23
1,3,5-Trimethylbenzene	5.00	4.93		ug/L		99	75 - 123	2	23
tert-Butylbenzene	5.00	4.80		ug/L		96	70 - 129	1	24
1,2,4-Trimethylbenzene	5.00	4.81		ug/L		96	71 - 127	2	23
sec-Butylbenzene	5.00	4.71		ug/L		94	75 - 126	0	23
4-Isopropyltoluene	5.00	4.75		ug/L		95	78 - 125	0	24
1,3-Dichlorobenzene	5.00	5.08		ug/L		102	72 - 125	1	22

Eurofins Seattle

QC Sample Results

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

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

Lab Sample ID: LCSD 580-391235/4
Matrix: Water
Analysis Batch: 391235

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dichlorobenzene	5.00	5.12		ug/L		102	71 - 129	4	22
n-Butylbenzene	5.00	4.87		ug/L		97	69 - 127	2	24
1,2-Dichlorobenzene	5.00	5.15		ug/L		103	72 - 129	2	22
1,2-Dibromo-3-Chloropropane	5.00	4.83		ug/L		97	55 - 135	0	29
1,2,4-Trichlorobenzene	5.00	4.85		ug/L		97	60 - 130	1	26
Hexachlorobutadiene	5.00	5.13		ug/L		103	63 - 130	2	26
Naphthalene	5.00	4.08		ug/L		82	54 - 137	5	28
1,2,3-Trichlorobenzene	5.00	5.03		ug/L		101	60 - 136	7	28

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
Toluene-d8 (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	108		80 - 120
4-Bromofluorobenzene (Surr)	101		80 - 120
1,2-Dichloroethane-d4 (Surr)	97		80 - 120

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

Lab Sample ID: MB 590-36183/8
Matrix: Water
Analysis Batch: 36183

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			05/19/22 14:50	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		68.7 - 141		05/19/22 14:50	1

Lab Sample ID: LCS 590-36183/1007
Matrix: Water
Analysis Batch: 36183

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline	1000	1220	*+	ug/L		121	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	LCS Limits
4-Bromofluorobenzene (Surr)	94		68.7 - 141

Lab Sample ID: LCSD 590-36183/1017
Matrix: Water
Analysis Batch: 36183

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline	1000	1000		ug/L		100	80 - 120	19	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene (Surr)	95		68.7 - 141

Eurofins Seattle

QC Sample Results

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

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

Lab Sample ID: 580-113886-1 DU
Matrix: Water
Analysis Batch: 36183

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Gasoline	ND	*+	ND	*+	ug/L		NC	35
Surrogate	%Recovery	DU Qualifier	Limits					
4-Bromofluorobenzene (Surr)	101		68.7 - 141					

Lab Sample ID: MB 590-36210/8
Matrix: Water
Analysis Batch: 36210

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150		ug/L			05/23/22 17:16	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		68.7 - 141					05/23/22 17:16	1

Lab Sample ID: LCS 590-36210/1007
Matrix: Water
Analysis Batch: 36210

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline	1000	945		ug/L		94	80 - 120
Surrogate	%Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	101		68.7 - 141				

Lab Sample ID: LCSD 590-36210/1019
Matrix: Water
Analysis Batch: 36210

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline	1000	1040		ug/L		103	80 - 120	9	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	101		68.7 - 141						

Method: 8011 - EDB

Lab Sample ID: MB 580-391534/1-A
Matrix: Water
Analysis Batch: 391721

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 391534

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	ND		0.010		ug/L		05/23/22 12:53	05/24/22 21:46	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dibromopropane	126		60 - 140				05/23/22 12:53	05/24/22 21:46	1

Eurofins Seattle

QC Sample Results

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

Method: 8011 - EDB (Continued)

Lab Sample ID: LCS 580-391534/2-A
Matrix: Water
Analysis Batch: 391721

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 391534

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylene Dibromide	0.0589	0.0781		ug/L		132	60 - 140
Surrogate	%Recovery	LCS Qualifier	Limits				
1,2-Dibromopropane	134		60 - 140				

Lab Sample ID: LCSD 580-391534/16-A
Matrix: Water
Analysis Batch: 391721

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 391534

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylene Dibromide	0.0584	0.0686		ug/L		117	60 - 140	13	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1,2-Dibromopropane	119		60 - 140						

Lab Sample ID: LLCS 580-391534/3-A
Matrix: Water
Analysis Batch: 391721

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 391534

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylene Dibromide	0.0118	0.0123		ug/L		105	60 - 145
Surrogate	%Recovery	LLCS Qualifier	Limits				
1,2-Dibromopropane	121		60 - 140				

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

Lab Sample ID: MB 580-391281/1-A
Matrix: Water
Analysis Batch: 391350

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 391281

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		0.11		mg/L		05/20/22 09:15	05/21/22 02:31	1
Motor Oil (>C24-C36)	ND		0.35		mg/L		05/20/22 09:15	05/21/22 02:31	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	82		50 - 150				05/20/22 09:15	05/21/22 02:31	1

Lab Sample ID: LCS 580-391281/2-A
Matrix: Water
Analysis Batch: 391350

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 391281

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
#2 Diesel (C10-C24)	4.00	3.21		mg/L		80	50 - 120
Motor Oil (>C24-C36)	4.00	3.59		mg/L		90	64 - 120

QC Sample Results

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

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

Lab Sample ID: LCS 580-391281/2-A
Matrix: Water
Analysis Batch: 391350

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 391281

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
<i>o</i> -Terphenyl	94		50 - 150

Lab Sample ID: LCSD 580-391281/3-A
Matrix: Water
Analysis Batch: 391350

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 391281

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
#2 Diesel (C10-C24)	4.00	3.35		mg/L		84	50 - 120	4		26
Motor Oil (>C24-C36)	4.00	3.63		mg/L		91	64 - 120	1		24

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
<i>o</i> -Terphenyl	87		50 - 150

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 580-391255/12-A
Matrix: Water
Analysis Batch: 391465

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 391255

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	ND		5.0		ug/L		05/19/22 19:43	05/20/22 15:46	5
Lead	ND		2.0		ug/L		05/19/22 19:43	05/20/22 15:46	5

Lab Sample ID: LCS 580-391255/13-A
Matrix: Water
Analysis Batch: 391465

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 391255

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	RPD
Arsenic	1000	1020		ug/L		102	80 - 120	
Lead	1000	1040		ug/L		104	80 - 120	

Lab Sample ID: LCSD 580-391255/14-A
Matrix: Water
Analysis Batch: 391465

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 391255

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Arsenic	1000	1010		ug/L		101	80 - 120	1		20
Lead	1000	1030		ug/L		103	80 - 120	0		20

Lab Sample ID: 580-113886-6 MS
Matrix: Water
Analysis Batch: 391465

Client Sample ID: MW-7
Prep Type: Total/NA
Prep Batch: 391255

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	RPD
Arsenic	ND		1000	902		ug/L		90	80 - 120	
Lead	ND		1000	921		ug/L		92	80 - 120	

QC Sample Results

Client: Blaes Environmental Inc.
 Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

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

Lab Sample ID: 580-113886-6 MSD
Matrix: Water
Analysis Batch: 391465

Client Sample ID: MW-7
Prep Type: Total/NA
Prep Batch: 391255

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier		Result	Qualifier				Limits		Limit
Arsenic	ND		1000	948		ug/L		95	80 - 120	5	20
Lead	ND		1000	966		ug/L		97	80 - 120	5	20

Lab Sample ID: 580-113886-6 DU
Matrix: Water
Analysis Batch: 391465

Client Sample ID: MW-7
Prep Type: Total/NA
Prep Batch: 391255

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier		Result				Qualifier
Arsenic	ND		ND		ug/L		NC	20
Lead	ND		ND		ug/L		NC	20

Lab Chronicle

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

Client Sample ID: MW-1

Lab Sample ID: 580-113886-1

Date Collected: 05/16/22 11:53

Matrix: Water

Date Received: 05/17/22 08:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	391235	05/19/22 17:55	BNM	FGS SEA
Total/NA	Analysis	NWTPH-Gx		1	36183	05/19/22 17:22	JSP	TAL SPK
Total/NA	Prep	8011			391534	05/23/22 12:53	S1B	FGS SEA
Total/NA	Analysis	8011		1	391721	05/24/22 23:07	T1L	FGS SEA
Total/NA	Prep	3510C			391281	05/20/22 09:15	ASL	FGS SEA
Total/NA	Analysis	NWTPH-Dx		1	391350	05/21/22 03:32	Y1F	FGS SEA
Total/NA	Prep	3010A			391255	05/19/22 19:43	TMH	FGS SEA
Total/NA	Analysis	6020B		5	391465	05/20/22 16:55	FCW	FGS SEA

Client Sample ID: MW-2

Lab Sample ID: 580-113886-2

Date Collected: 05/16/22 11:20

Matrix: Water

Date Received: 05/17/22 08:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	391235	05/19/22 18:19	BNM	FGS SEA
Total/NA	Analysis	NWTPH-Gx		1	36183	05/19/22 18:27	JSP	TAL SPK
Total/NA	Prep	8011			391534	05/23/22 12:53	S1B	FGS SEA
Total/NA	Analysis	8011		1	391721	05/24/22 23:23	T1L	FGS SEA
Total/NA	Prep	3510C			391281	05/20/22 09:15	ASL	FGS SEA
Total/NA	Analysis	NWTPH-Dx		1	391350	05/21/22 03:52	Y1F	FGS SEA
Total/NA	Prep	3010A			391255	05/19/22 19:43	TMH	FGS SEA
Total/NA	Analysis	6020B		5	391465	05/20/22 16:32	FCW	FGS SEA

Client Sample ID: MW-3

Lab Sample ID: 580-113886-3

Date Collected: 05/16/22 15:10

Matrix: Water

Date Received: 05/17/22 08:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	391235	05/19/22 18:43	BNM	FGS SEA
Total/NA	Analysis	NWTPH-Gx		1	36210	05/23/22 21:03	JSP	TAL SPK
Total/NA	Prep	8011			391534	05/23/22 12:53	S1B	FGS SEA
Total/NA	Analysis	8011		1	391721	05/24/22 23:39	T1L	FGS SEA
Total/NA	Prep	3510C			391281	05/20/22 09:15	ASL	FGS SEA
Total/NA	Analysis	NWTPH-Dx		1	391350	05/21/22 04:32	Y1F	FGS SEA
Total/NA	Prep	3010A			391255	05/19/22 19:43	TMH	FGS SEA
Total/NA	Analysis	6020B		5	391465	05/20/22 16:36	FCW	FGS SEA

Client Sample ID: MW-4

Lab Sample ID: 580-113886-4

Date Collected: 05/16/22 13:08

Matrix: Water

Date Received: 05/17/22 08:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	391235	05/19/22 19:07	BNM	FGS SEA
Total/NA	Analysis	NWTPH-Gx		1	36183	05/19/22 19:10	JSP	TAL SPK

Lab Chronicle

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

Client Sample ID: MW-4

Date Collected: 05/16/22 13:08

Date Received: 05/17/22 08:55

Lab Sample ID: 580-113886-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			391534	05/23/22 12:53	S1B	FGS SEA
Total/NA	Analysis	8011		1	391721	05/24/22 23:55	T1L	FGS SEA
Total/NA	Prep	3510C			391281	05/20/22 09:15	ASL	FGS SEA
Total/NA	Analysis	NWTPH-Dx		1	391350	05/21/22 04:52	Y1F	FGS SEA
Total/NA	Prep	3010A			391255	05/19/22 19:43	TMH	FGS SEA
Total/NA	Analysis	6020B		5	391465	05/20/22 16:40	FCW	FGS SEA

Client Sample ID: MW-6

Date Collected: 05/16/22 13:41

Date Received: 05/17/22 08:55

Lab Sample ID: 580-113886-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	391235	05/19/22 19:31	BNM	FGS SEA
Total/NA	Analysis	NWTPH-Gx		1	36183	05/19/22 15:11	JSP	TAL SPK
Total/NA	Prep	8011			391534	05/23/22 12:54	S1B	FGS SEA
Total/NA	Analysis	8011		1	391721	05/25/22 00:11	T1L	FGS SEA
Total/NA	Prep	3510C			391281	05/20/22 09:15	ASL	FGS SEA
Total/NA	Analysis	NWTPH-Dx		1	391350	05/21/22 05:12	Y1F	FGS SEA
Total/NA	Prep	3010A			391255	05/19/22 19:43	TMH	FGS SEA
Total/NA	Analysis	6020B		5	391465	05/20/22 16:44	FCW	FGS SEA

Client Sample ID: MW-7

Date Collected: 05/16/22 14:30

Date Received: 05/17/22 08:55

Lab Sample ID: 580-113886-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	391235	05/19/22 19:56	BNM	FGS SEA
Total/NA	Analysis	NWTPH-Gx		1	36183	05/19/22 15:33	JSP	TAL SPK
Total/NA	Prep	8011			391534	05/23/22 12:54	S1B	FGS SEA
Total/NA	Analysis	8011		1	391721	05/25/22 01:16	T1L	FGS SEA
Total/NA	Prep	3510C			391281	05/20/22 09:15	ASL	FGS SEA
Total/NA	Analysis	NWTPH-Dx		1	391350	05/21/22 05:32	Y1F	FGS SEA
Total/NA	Prep	3010A			391255	05/19/22 19:43	TMH	FGS SEA
Total/NA	Analysis	6020B		5	391465	05/20/22 15:50	FCW	FGS SEA

Client Sample ID: MW-8

Date Collected: 05/16/22 12:36

Date Received: 05/17/22 08:55

Lab Sample ID: 580-113886-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	391235	05/19/22 20:20	BNM	FGS SEA
Total/NA	Analysis	NWTPH-Gx		1	36183	05/19/22 15:55	JSP	TAL SPK
Total/NA	Prep	8011			391534	05/23/22 12:54	S1B	FGS SEA
Total/NA	Analysis	8011		1	391721	05/25/22 01:32	T1L	FGS SEA

Lab Chronicle

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

Client Sample ID: MW-8

Date Collected: 05/16/22 12:36

Date Received: 05/17/22 08:55

Lab Sample ID: 580-113886-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			391281	05/20/22 09:15	ASL	FGS SEA
Total/NA	Analysis	NWTPH-Dx		1	391350	05/21/22 05:53	Y1F	FGS SEA
Total/NA	Prep	3010A			391255	05/19/22 19:43	TMH	FGS SEA
Total/NA	Analysis	6020B		5	391465	05/20/22 16:48	FCW	FGS SEA

Client Sample ID: MW-9

Date Collected: 05/16/22 10:43

Date Received: 05/17/22 08:55

Lab Sample ID: 580-113886-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	391235	05/19/22 20:44	BNM	FGS SEA
Total/NA	Analysis	NWTPH-Gx		1	36183	05/19/22 16:17	JSP	TAL SPK
Total/NA	Prep	8011			391534	05/23/22 12:54	S1B	FGS SEA
Total/NA	Analysis	8011		1	391721	05/25/22 01:48	T1L	FGS SEA
Total/NA	Prep	3510C			391281	05/20/22 09:15	ASL	FGS SEA
Total/NA	Analysis	NWTPH-Dx		1	391350	05/21/22 06:13	Y1F	FGS SEA
Total/NA	Prep	3010A			391255	05/19/22 19:43	TMH	FGS SEA
Total/NA	Analysis	6020B		5	391465	05/20/22 16:51	FCW	FGS SEA

Client Sample ID: Trip Blank

Date Collected: 05/16/22 00:00

Date Received: 05/17/22 08:55

Lab Sample ID: 580-113886-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			391534	05/23/22 12:54	S1B	FGS SEA
Total/NA	Analysis	8011		1	391721	05/25/22 02:04	T1L	FGS SEA

Laboratory References:

FGS SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310
TAL SPK = Eurofins Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Accreditation/Certification Summary

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

Laboratory: Eurofins Seattle

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Washington	State	C788	07-13-22

Laboratory: Eurofins Spokane

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Washington	State	C569	01-06-23



Sample Summary

Client: Blaes Environmental Inc.
Project/Site: Circle K 6042 Naches, WA

Job ID: 580-113886-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-113886-1	MW-1	Water	05/16/22 11:53	05/17/22 08:55
580-113886-2	MW-2	Water	05/16/22 11:20	05/17/22 08:55
580-113886-3	MW-3	Water	05/16/22 15:10	05/17/22 08:55
580-113886-4	MW-4	Water	05/16/22 13:08	05/17/22 08:55
580-113886-5	MW-6	Water	05/16/22 13:41	05/17/22 08:55
580-113886-6	MW-7	Water	05/16/22 14:30	05/17/22 08:55
580-113886-7	MW-8	Water	05/16/22 12:36	05/17/22 08:55
580-113886-8	MW-9	Water	05/16/22 10:43	05/17/22 08:55
580-113886-9	Trip Blank	Water	05/16/22 00:00	05/17/22 08:55

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Eurofins FGS, Seattle

5755 8th Street East
Tacoma, WA 98424
Phone: 253-922-2310 Fax: 425-420-9210

Chain of Custody Record



eurofins Environment Testing America

580-113886 Chain of Custody

Client Information		Sampler: DAN BLAES		Lab PM: Walker, Elaine M		IC No: 10-42963-13721.1																																						
Client Contact: Dan Blaes		Phone: 602-728-0707		E-Mail: m.elaine.walker@eurofinset.com		Page 1 of 1																																						
Company: Blaes Environmental Inc.		PWSID:		Analysis Requested																																								
Address: 45 E Monterey Way Suite 200		Due Date Requested:		<table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>Performs MS/MS (Yes or No)</td> <td>8260B, NWTPH_Gx</td> <td>8011 - EDB in Water</td> <td>NWTPH_Dx -</td> <td>6020A - MEMS</td> <td rowspan="6">Total Number of Containers</td> </tr> <tr> <td>City: Phoenix</td> <td>TAT Requested (days): NOV 20 2022</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>State, Zip: AZ 85012</td> <td>Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Phone: 602-549-0925(Tel)</td> <td>PO #: Purchase Order not required</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Email: dblaes@blaesenvironmental.com</td> <td>WO #:</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Project Name: Circle K 6042 NACHES, WA</td> <td>Project #: 2706042</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				Field Filtered Sample (Yes or No)	Performs MS/MS (Yes or No)	8260B, NWTPH_Gx	8011 - EDB in Water	NWTPH_Dx -	6020A - MEMS	Total Number of Containers	City: Phoenix	TAT Requested (days): NOV 20 2022					State, Zip: AZ 85012	Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No					Phone: 602-549-0925(Tel)	PO #: Purchase Order not required					Email: dblaes@blaesenvironmental.com	WO #:					Project Name: Circle K 6042 NACHES, WA	Project #: 2706042				
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Site: Arizona CIRCLE K # 2706042		SSOW#:		<table border="1"> <tr> <td colspan="2">Preservation Codes:</td> </tr> <tr> <td>A - HCL</td> <td>M - Hexane</td> </tr> <tr> <td>B - NaOH</td> <td>N - None</td> </tr> <tr> <td>C - Zn Acetate</td> <td>O - AsNaO2</td> </tr> <tr> <td>D - Nitric Acid</td> <td>P - Na2O4S</td> </tr> <tr> <td>E - NaHSO4</td> <td>Q - Na2SO3</td> </tr> <tr> <td>F - MeOH</td> <td>R - Na2S2O3</td> </tr> <tr> <td>G - Amchlor</td> <td>S - H2SO4</td> </tr> <tr> <td>H - Ascorbic Acid</td> <td>T - TSP Dodecahydrate</td> </tr> <tr> <td>I - Ice</td> <td>U - Acetone</td> </tr> <tr> <td>J - DI Water</td> <td>V - MCAA</td> </tr> <tr> <td>K - EDTA</td> <td>W - pH 4-5</td> </tr> <tr> <td>L - EDA</td> <td>Z - other (specify)</td> </tr> </table>				Preservation Codes:		A - HCL	M - Hexane	B - NaOH	N - None	C - Zn Acetate	O - AsNaO2	D - Nitric Acid	P - Na2O4S	E - NaHSO4	Q - Na2SO3	F - MeOH	R - Na2S2O3	G - Amchlor	S - H2SO4	H - Ascorbic Acid	T - TSP Dodecahydrate	I - Ice	U - Acetone	J - DI Water	V - MCAA	K - EDTA	W - pH 4-5	L - EDA	Z - other (specify)											
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Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, S=solid, O=waste/soil, BT=tissue, A=air)		Field Filtered Sample (Yes or No)		Performs MS/MS (Yes or No)		8260B, NWTPH_Gx		8011 - EDB in Water		NWTPH_Dx -		6020A - MEMS		Total Number of Containers		Special Instructions/Note:																				
MW-1		5/15/22		11:53		G		Water		X		X		X		X																												
MW-2		↓		11:20				Water		X		X		X		X																												
MW-3		↓		3:10				Water		X		X		X		X																												
MW-4		↓		1:08				Water		X		X		X		X																												
MW-5		↓		—				Water		X		X		X		X								NO SAMPLE																				
MW-6		↓		1:41				Water		X		X		X		X																												
MW-7		↓		2:30				Water		X		X		X		X																												
MW-8		↓		12:36				WATER		X		X		X		X																												
MW-9		↓		10:43				WATER		X		X		X		X																												
Trip Blank		5/15/22		↑						X																																		
Possible Hazard Identification										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																																		
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological										<input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> 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: DM Blaes					Date/Time: 5/17/22 08:35					Company: BLAES					Received by: [Signature]					Date/Time: 5/17/22 08:35					Company: [Signature]																			
Relinquished by:					Date/Time:					Company:					Received by:					Date/Time:					Company:																			
Relinquished by:					Date/Time:					Company:					Received by:					Date/Time:					Company:																			
Custody Seals Intact:		Custody Seal No.:		Cooler Temperature(s) °C and		Therm. ID: A3 Cor: 2.5 °C Unc: 2.7 °C		Cooler Dsc: [Signature]		FedEx:		Packing: [Signature]		UPS:		Cust. Seal: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Lab Cour:		Blue Ice, Wet, Dry, None		Other: Client		Ver: 11/01/2020		5/31/2022																		

Eurofins Seattle

5755 8th Street East
Tacoma WA 98424
Phone: 253-922-2310

Chain of Custody Record



Environment Testing
America

Client Information (Sub Contract Lab)		Sampler: Walker Elaine M		Lab PM: Walker Elaine M		Carrier Tracking No(s):		COC No: 580-104013.1																					
Client Contact: Shipping/Receiving		Phone:		E-Mail: M.Elaine Walker@et.eurofinsus.com		State of Origin: Washington		Page: Page 1 of 1																					
Company: Eurofins Environment Testing Northwest				Accreditations Required (See note): State Washington; State Program Washington				Job #: 580-113886-1																					
Address: 11922 East 1st Ave		Due Date Requested: 5/23/2022		Analysis Requested						Preservation Codes: A HCL M Hexane B NaOH N None C Zn Acetate O AsNaO2 D Nitric Acid P Na2O4S E NaHSO4 Q Na2SO3 F MeOH R Na2S2O3 G Amchlor S H2SO4 H Ascorbic Acid T TSP Dodecahydrate I Ice U Acetone J DI Water V MCAA K EDTA W pH 4-5 L EDA Y Trizma Z other (specify)																			
City: Spokane		TAT Requested (days):																											
State, Zip: WA, 99206		PO #:		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of Containers																					
Phone: 509-924-9200(Tel) 509-924-9290(Fax)		WO #:		NMTPL Ex. MS/MSD Northwest Volatile Petroleum Products																									
Email:		Project #:																											
Project Name: Circle K 6042 Naches, WA		SSOW#:																											
Site:																													
Sample Identification		Client ID (Lab ID)		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Total Number of Containers		Special Instructions/Note											
MW-1 (580-113886-1)				5/16/22		11:53 Pacific		Water		Water		X				3													
MW-2 (580-113886-2)				5/16/22		11:20 Pacific		Water		Water		X				3													
MW-3 (580-113886-3)				5/16/22		15:10 Pacific		Water		Water		X				3													
MW-4 (580-113886-4)				5/16/22		13:08 Pacific		Water		Water		X				3													
MW-6 (580-113886-5)				5/16/22		13:41 Pacific		Water		Water		X				3													
MW-7 (580-113886-6)				5/16/22		14:30 Pacific		Water		Water		X				3													
MW-8 (580-113886-7)				5/16/22		12:36 Pacific		Water		Water		X				3													
MW-9 (580-113886-8)				5/16/22		10:43 Pacific		Water		Water		X				3													
<p>Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northwest, LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northwest, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northwest, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northwest, LLC.</p>																													
Possible Hazard Identification										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																			
Unconfirmed										<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months																			
Deliverable Requested: I, II III IV Other (specify)										Primary Deliverable Rank: 2																			
Special Instructions/QC Requirements.																													
Empty Kit Relinquished by:										Date: _____ Time: _____ Method of Shipment: _____																			
Relinquished by: <i>Tom Blunt</i>					Date/Time: 5/18/22					Company: _____					Received by: <i>M. Vaughan</i>					Date/Time: 5/19/22 11:30					Company: <i>ETSTPO</i>				
Relinquished by:					Date/Time:					Company:					Received by:					Date/Time:					Company:				
Relinquished by:					Date/Time:					Company:					Received by:					Date/Time:					Company:				
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No										Custody Seal No. 1880285										Cooler Temperature(s) °C and Other Remarks: 1.0°C cold 1K006									

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Login Sample Receipt Checklist

Client: Blaes Environmental Inc.

Job Number: 580-113886-1

Login Number: 113886

List Number: 1

Creator: Presley, Kim A

List Source: Eurofins Seattle

Question	Answer	Comment
Radioactivity wasn't checked or is \leq 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.	False	Refer to Job Narrative for details.
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
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 <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Login Sample Receipt Checklist

Client: Blaes Environmental Inc.

Job Number: 580-113886-1

Login Number: 113886

List Number: 2

Creator: Vaughan, Madison 1

List Source: Eurofins Spokane

List Creation: 05/19/22 11:41 AM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq 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.	N/A	
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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	