SEPTEMBER 2022
ADDITIONAL SUBSURFACE INVESTIGATION REPORT

FOR

HAHN MOTOR COMPANY
1201 SOUTH 1ST STREET
YAKIMA, WASHINGTON 98901

Facility Site ID No. 502
Cleanup Site ID No. 4927
VCP Project No. CE0529

October 17, 2022

Prepared for:

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PROJECT SUMMARY

Client:	Ms. Debra Manjarrez Manjarrez & De Leon Inc, PS 2010 West Nob Hill Blvd, Suite 1 Yakima, Washington 98902
Point of Contact:	Ms. Debra Manjarrez
Property:	Hahn Motor Company 1201 South 1st Street Yakima, Washington 98901
Major Commercial Activity:	Automotive Sales and Automobile Repair
VCP Project ID Number:	CE0529
Licensed Hydrogeologist/Geologist:	Brent N. Bergeron, LHG, LG
License Number/Expiration:	LHG #2267, expires 1/3/2023 LG #2267, expires 1/3/2023
Project Number:	E20221/0805
Report Date:	October 17, 2022

Legal description: Tax Parcel 191330-13032 in the southwest quarter of the northeast quarter of Section 30, Township 13 North, Range 19 E.W.M; Latitude 46º 35' 17.37" North, Longitude 120º 29'52.41" West.

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1.0 INTRODUCTION

On September 27 and 28, 2022, Blue Mountain Environmental and Consulting Company, Inc. (BMEC) mobilized to 1201 South 1st Street in Yakima, Washington 98901 (Site) and supervised Holt Services (Holt) during the advancement of six soil borings which were all completed as 2-inch diameter monitoring wells (MW1 through MW6).
On October 3, 2022 BMEC personnel returned to the Site to develop the six monitoring wells and collect groundwater samples. BMEC and the Washington Department of Ecology (Ecology) also refer to the Site as the Hahn Motor Company property, which is located at 1201 South 1st Street in Yakima, Washington 98901. A Site Vicinity Map of the property is included as **Figure 1**.

The Scope of Work (SOW) conducted during the September 2022 Additional Subsurface Investigation (SI) and October 3, 2022 GWSE activities were based on communication with Ecology via their "Further Action at the Site" letter dated February 23, 2016; results of the February 1, 2022 SI including recommendations in the ensuing report; and removal of the two dry wells located south of the main building on July 12 and 13, 2022.

A copy of the February 23, 2016 letter written by Ecology is included in **Appendix A**.

1.1 Location

The 1.5-acre (approximate) Site is located in the City of Yakima, Yakima County, Washington, at the southeast corner of the intersection of South 1st Street and East Arlington Street (**Figures 2 - 5**). The Site consists of one tax parcel (191330-13032) and is located in the southwest quarter of the northeast quarter of Section 30, Township 13 North, Range 19 E.W.M. The elevation is approximately 1,041 feet above mean sea level and the Site is relatively flat with primarily asphalt ground cover. The nearest major body of water is the Yakima River approximately 1.5 miles east of the Site. The Site is surrounded by commercial then residential property to the east, commercial property then light industry to the north, commercial property to the northwest, commercial property then railroad property to the west, and commercial property to the south. There are no flood zones or wetlands associated with the Site.

1.2 General Site Information

As of February 23, 2016, the property was owned by Mr. Richard Hahn. The current owner of the property is the Estate of Douglas F Bettarel, represented by Ms. Debra Manjarrez of Manjarrez and De Leon Inc, PS. BMEC is currently working for Manjarrez and De Leon Inc, PS.

One building is located on the Site (**Figures 2 – 5)**. The rectangular building located on the northwest corner of the property consists of an automobile showroom with offices on the western half, bathrooms and break room near the center of the building, and an automobile repair and automobile wash bay in the eastern half of the building. During the visit to the Site on February 1, 2022, a minimum of one sump was noticed on the interior of the eastern half of the building. The sump appeared to drain to the south toward the drywells which BMEC investigated via soil and groundwater sampling on February 1, 2022. The drywells and all associated petroleum and metals impacted soils were removed on July 12 and 13, 2022, and replaced by a single dry well on July 14, 2022.

1.3 Site History

The existing facility was built in 1946 by Hahn Motors Company. A 2,000-gallon heating oil UST for the oil-fired boiler was installed in the northwest side of the building's basement to provide heat for the facility. A second 2,000-gallon underground storage tank (UST) was installed at the facility in the mid-1970's and both USTs were used to store used oil after the boiler was converted to burn used motor oil, which was plentiful available from the on-site conducted car services.
Both tanks had to be removed in November 2007, after the DOE found out about the un-permitted use of waste-oil storage in these USTs, at which time a limited site assessment was conducted. Some petroleum-contaminated soil (PCS) was removed and attributed to over-filling of the tank(s). The approximate locations of the two former tanks are illustrated on **Figures 3 - 5**. Three soil samples were collected from the west, north, and east side of the eastern UST, yielding one heavy oil detection of 396 milligrams per kilogram (mg/Kg) in the west sample. Similarly, three soil samples were collected from the west, north, and east side of the eastern UST, yielding heavy oil detections ranging between 155 – 492 mg/Kg.

In 2017, Ecology conducted semi-annual groundwater sampling of the Yakima Railroad Area (YRRA) groundwater monitoring network which is a six-square mile area located along the railroad corridor in the cities of Yakima and Union Gap, Washington. The YRRA was defined in 1991. The subject site is located near the center of the YRRA which is impacted by chlorinated solvents, primarily tetrachloroethylene (PCE).
Fifteen of the 39 groundwater samples collected from wells in 2017 within the footprint of the YRRA yielded concentrations ranging from 5 to 9,110 micrograms per liter (µg/L). The Washington State Department of Ecology Model Toxics Control Act (MTCA) Method A Cleanup Level for PCE in groundwater is 5 µg/L. The subject site was declared as part of the YRRA due to the location inside the impacted area.

2.0 GEOLOGY AND HYDROGEOLOGY

Based on the subsurface investigation field activities conducted at the Site on September 27 and 28, 2022, the following geologic soil conditions were encountered in soil borings MW1 and MW3 through MW6:

- 0 – 0.25': Asphalt.
- 0.25 – 2': Brown SILT (ML);
- 2 – 20': Brown to dark brown, sandy, well-rounded, coarse GRAVEL & COBBLES, with little silt, loose (GW); and
- 20 -25': Brown – gray, SAND & GRAVEL, well-rounded, coarse, loose, wet – very wet (SP/GP).

Similar lithology was encountered in soil borings advanced at the Site on February 1, 2022. Copies of the boring logs for the six monitoring wells (MW1 through MW6) advanced on September 27 and 28, 2022, are included in **Appendix B**.

During the February 1, 2022, field activities, groundwater was encountered in soil borings SB1 at 11 feet bgs, SB3 at 16.3 feet bgs, SB4 at 18 feet bgs, and SB5 at 14.5 feet bgs. During the October 3, 2022, GWSE conducted at the Site, depths-to-groundwater ranged from 15.48 feet below top of casing (btoc) in well MW1, to 16.66 feet btoc in well MW2. The groundwater flow direction was determined to be to the southeast toward the Yakima River which is approximately 1.5 miles east of the Site with a hydraulic gradient of 0.005 feet per foot. The estimated flow direction in the deeper aquifer beneath the Site is also to the southeast with an approximate hydraulic gradient of 0.004 feet per foot.

3.0 PREVIOUS ENVIRONMENTAL FIELD ACTIVITIES

It was determined by Ecology on July 9, 2007, and documented via certified mail dated July 26, 2007, that Hahn Motor Company was in *Non-Compliance with the Underground Storage Tank Regulations Chapter 173-360* for not properly registering and upgrading their 2,000-gallon USTs prior to storage of waste oil. Via directive from Ecology as defined in the July 26, 2007 certified mail, both USTs were decommissioned by removal and backfill in November 2007. Approximately 50 cubic yards of PCS and asphalt were hauled off-site and disposed at the Anderson Disposal Facility in Yakima, Washington.

During the November 9, 2007, UST decommissioning activities, three soil samples were collected from the west, north, and east side of the eastern UST, yielding one heavy oil detection of 396 mg/Kg in the west sample. Similarly, three soil samples were collected from the west, north, and east side of the eastern UST, yielding heavy oil detections ranging between 155 – 492 mg/Kg. The MTCA Method A Cleanup Level for heavy oil is 2,000 mg/Kg. No gasoline range hydrocarbons were identified by laboratory analysis in any soil samples collected. Significant lead concentrations were detected in residual sampled and analyzed from the tank bottom(s).

In 2017, Ecology conducted semi-annual groundwater sampling of the YRRA groundwater monitoring network which is a six-square mile area located along the railroad corridor in the cities of Yakima and Union Gap, Washington. The YRRA was defined in 1991. The Site is located near the center of the YRRA which is impacted by chlorinated solvents, primarily PCE. Fifteen of the 39 groundwater samples collected from wells within the YRRA yielded concentrations ranging from 5 to 9,110 µg/L. The MTCA Cleanup Level for TCE in groundwater is 5 µg/L.

On February 1, 2022, BMEC hydrogeologist, Brent Bergeron, LHG, and BMEC environmental professional Yancy Meyer, supervised the advancement of six soil borings (SB1 through SB6) to depths varying between 15 feet and 25 feet bgs. The six soil borings were advanced via sonic drilling methodology by Environmental West Explorations (EWE) personnel. Continuous soil samples were brought to the surface via core barrel and sample bag methodology.

TPH-D was only quantified in one of the 21 soil samples at a concentration of 670 mg/Kg in sample SB1-2-1-22-10'. TPH-O was quantified in three of the 21 soil samples at concentrations of 1400 mg/Kg in sample SB1-2-1-22-10'; 6900 mg/Kg in sample SB5-2-1-22-10'; and 1100 mg/Kg in sample SB5-2-1-22-15'. The MTCA Method A Cleanup Level for TPH-D + TPH-O is 2000 mg/Kg which was only exceeded in samples SB1-2-1-22-10' and SB5-2-1-22-10'.

TPH-G was performed on one soil sample. TPH-G was quantified in sample SB1-2-1-22-10' at 220 mg/Kg which exceeds the MTCA Method A Cleanup Level of 30 mg/Kg.

VOCs were analyzed for in three soil samples (SB1-2-1-22-10', SB3-2-1-22-25', and SB5-2-1-22-20') and detected in sample SB1-2-1-22-10' at concentrations that due not exceed any MTCA Method A Cleanup Levels. No VOCs were detected in soil samples SB3-2-1-22-25' and SB5-2-1-22-20'.

Cadmium was detected in one sample (SB1-2-1-22-10') at 2.5 mg/Kg which exceeds the MTCA Method A Cleanup Level of 2 mg/Kg. Chromium was detected in all 21 samples at concentrations ranging from 2.9 mg/Kg in sample SB5-2-1-22-20' to 34 mg/Kg in sample SB2-2-1-22-5' which was the only soil sample to exceed the MTCA Method A Cleanup Level of 19 mg/Kg. Lead was detected in four of the 21 soil samples at concentrations ranging from 9.4 mg/Kg in sample SB5-2-1-22-5' to 45 mg/Kg in sample SB1-2-1-22-10'. None of the four lead detections exceed the MTCA Method A Cleanup Level of 250 mg/Kg.

PAHs were analyzed for in three soil samples and detected in sample SB1-2-1-22-10' at concentrations that due not exceed any MTCA Method A Cleanup Levels. No PAHs were detected in soil samples SB3-2-1-22-25' and SB5-2-1-22-20'.

TPH-D and/or TPH-O were detected above the laboratory MRLs in all three groundwater samples collected (SB1-2-1-22-GW, SB-32-1-2-GW, and SB-5-2-1-22-GW). Furthermore, TPH-D + TPH-O were detected in samples SB1-2-1-22-GW and SB5-2-1-22-GW at concentrations of 9800 µg/L and 770 µg/L, respectively, which exceeded the MTCA Method A Cleanup Level of 500 µg/L. Groundwater sample SB1-2-1-22-GW was collected from immediately down-gradient of the dry well outside the automobile engine washing bay and groundwater sample SB5-2-1-22-GW was collected from between the two USTs removed from the north side of the building.

VOCs were analyzed for in all three groundwater samples (SB1-2-1-22-GW, SB3-2-1-22-GW, and SB5-2-1-22-GW). A combination of VOCs including PCE, benzene, ethylbenzene, and naphthalene were detected in all three groundwater samples but not at concentrations exceeding established MTCA Method A Cleanup Levels.

Arsenic was detected in all three groundwater samples at concentrations exceeding the MTCA Method A Cleanup Level of 5 µg/L. Arsenic concentrations ranged from 51 µg/L in SB3-2-1-22-GW to 130 µg/L in SB5-2-1-22-GW. Chromium was detected in all three groundwater samples at concentrations exceeding the MTCA Method A Cleanup Level of 50 µg/L. Chromium concentrations ranged from 420 µg/L in SB3-2-1-22-GW to 1100 µg/L in SB5-2-1-22-GW. Lead was detected in all three groundwater samples at concentrations exceeding the MTCA Method A Cleanup Level of 15 µg/L. Lead concentrations ranged from 150 µg/L in SB3-2-1-22-GW to 1200 µg/L in SB1-2-1-22-GW. Cadmium was detected in groundwater samples SB1-2-1-22-GW and SB5-2-1-22-GW at 110 µg/L and 6.4 µg/L, respectively. The MTCA Method A Cleanup Level for cadmium in groundwater is 5 µg/L. Groundwater sample SB1-2-1-22-GW was collected from immediately down-gradient of the dry well outside the automobile engine washing bay and groundwater sample SB5-2-1-22-GW was collected from between the two USTs removed from the north side of the building.

PAHs were analyzed for in all three groundwater samples (SB1-2-1-22-GW, SB3-2-1-22-GW, and SB5-2-1-22-GW). A combination of PAHs including 1-methylnaphthalene, 2-methylnaphthalene, and naphthalene were detected in all three groundwater samples; however, not at concentrations exceeding established MTCA Method A Cleanup Levels.
PCBs were analyzed for in groundwater samples (SB1-2-1-22-GW, SB3-2-1-22-GW, and SB5-2-1-22-GW). PCBs were not detected above the laboratory practical quantitation limits (PQLs) in any of the three samples.

From July 12 – 14, 2022, BMEC personnel supervised Clarke Construction personnel during the removal of both dry wells south of the main onsite building and collected 13 confirmation soil samples in the process. Confirmation samples indicated no contaminants above State of Washington Department of Ecology Model Toxics Control Act Cleanup Levels. On July 14, 2022, after receiving soil sample results, a new drywell was placed in the location of Former Drywell 2 to allow for stormwater drainage from the parking lot, and the excavation was backfilled, compacted to grade, and paved with asphalt.

4.0 SEPTEMBER 27 AND 28, 2022 ADDITIONAL SUBSURFACE INVESTIGATION ACTIVITIES

On September 27 and 28, 2022, BMEC hydrogeologist, Brent Bergeron, LHG, and BMEC environmental professional Yancy Meyer, supervised Anderson Environmental Contracting (AEC) personnel during the advancement of six soil borings (MW1 through MW6) to depths of 25 feet bgs. The six soil borings were advanced via sonic drilling methodology and completed as 2-inch diameter monitoring wells screened from 10 – 25 feet bgs. Continuous soil samples were brought to the surface via core barrel and sample bag methodology.

The rationale for choosing the locations of the six monitoring wells is as follows:

- MW1 – Up-gradient well.
- MW2 – Assess the potential impact to the shallow groundwater from the former UST(s) at that location.
- MW3 – Assess the potential impact to the shallow groundwater from the former dry well(s).
- MW4 through MW6 – Assess the impact to the shallow groundwater across the Site via down-gradient wells, prior to the groundwater flowing offsite.

Soil collected from all six borings (MW1 through MW6) was field screened via visual observation, olfactorily evidence, and photo-ionization detector (PID). The PID measurements are listed on each of the six boring logs in **Appendix B**. The soil lithology for each boring was assessed by the field hydrogeologist and recorded on the boring logs, as well.

A total of 12 soil samples were collected from the six soil borings (MW1 through MW6) and relinquished to OnSite Environmental in Redmond, Washington for a combination of the following analyses:

- Total petroleum hydrocarbons – diesel range (TPH-D) and TPH – heavy oil range (TPH-O) via Northwest Method NWTPH-Dx;
- TPH – gasoline range (TPH-G) via Northwest Method NWTPH-Gx;
- Resource Conservation and Recovery Act (RCRA) metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver) via Environmental Protection Agency (EPA) Method 6010D/7470A Series for soil and EPA Method 200.8 for groundwater; and
- Volatile organic compounds (VOCs) via EPA Method 8260D.

Each soil sample was obtained in one 4-ounce soil container with Teflon-lined lid and two 40-milliliter (mL) glass vials preserved with methanol. The locations of the six soil borings (MW1 through MW6) are illustrated on **Figures 3 - 5**. The laboratory analytical results of the 12 soil samples are discussed in Section 5.1.

A fresh pair of nitrile gloves was donned prior to collection of each successive soil sample. All soil cuttings were containerized in a series of 55-gallon drums which were properly labeled, sealed, and staged onsite near the eastern gate access. Used nitrile gloves and paper towels were placed in a trash bag and hauled offsite.

5.0 OCTOBER 3, 2022 GROUNDWATER SAMPLING EVENT

On October 3, 2022, BMEC personnel returned to the Site to conduct a GWSE involving all six monitoring wells (MW1 through MW6). Each of the six monitoring wells were developed via peristaltic pump and dedicated tubing followed by immediate sample collection. Groundwater parameters (pH, temperature, conductivity, and turbidity) were measured and recorded, prior to purging approximately 15 gallons of groundwater from each well. Each of the six groundwater samples consisted of four 40-mL glass vials preserved with hydrochloric acid (HCl); two unpreserved, 1-L amber glass jars; two 500-mL, amber glass jars preserved with HCl; and one 500-mL polyethylene container preserved with nitric acid. The locations of the six monitoring wells are illustrated on **Figures 3 - 5.** Copies of the groundwater sample field logs of the six groundwater samples collected are located in **Appendix C**.

A total of six groundwater samples were collected from the six wells and relinquished to OnSite Environmental in Redmond, Washington for a combination of the following analyses:

- TPH-D and TPH-O via Northwest Method NWTPH-Dx;
- TPH-G via Northwest Method NWTPH-Gx;
- RCRA metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver) via EPA Method 6010D/7470A Series for soil and EPA Method 200.8 for groundwater; and
- VOCs via EPA Method 8260D.

Each of the six groundwater samples submitted to Onsite for RCRA metals were not field filtered. Instead, each of the six samples were filtered in the lab, prior to analysis.

A fresh pair of nitrile gloves was donned prior to collection of each successive groundwater sample. All purged groundwater (approximately 90 gallons) were containerized in two separate 55-gallon drums which were properly labeled, sealed, and staged onsite. Used nitrile gloves and paper towels were placed in a trash bag and hauled offsite.

6.0 SOIL AND GROUNDWATER SAMPLE RESULTS

This section discusses the analytical results of the 12 soil samples collected during the September 27 and 28, 2022 Additional SI activities, as well as the analytical results of the six groundwater samples collected during the October 3, 2022 GWSE field activities. Each of the soil and groundwater samples was analyzed for a combination of TPH-D, TPH-O, TPH-G, VOCs, and RCRA metals.

6.1 Soil Sample Results

As indicated on **Table 2**, TPH-Dx was performed on 12 soil samples. TPH-D was only quantified in one of the 12 soil samples at a concentration of 76 mg/Kg in sample MW3-9-27-22-15'. TPH-O was quantified in three of the 12 soil samples at concentrations of 300 mg/Kg in sample MW3-9-27-22-15' to 1000 mg/Kg in sample MW6-9-27-22-21'. The MTCA Method A Cleanup Level for TPH-D + TPH-O is 2000 mg/Kg which was not exceeded in any of the 12 soil samples. TPH-G was performed on all 12 soil samples. TPH-G was not detected in any of the 12 soil samples.

As indicated on **Table 3**, VOCs were analyzed for in all 12 soil samples. Index parameters such as benzene, toluene, ethylbenzene, and total xylenes (BTEX) plus naphthalene were not detected in any of the 12 soil samples. Concentrations of detected VOCs such as 2-butonone, carbon disulfide, and acetone did not exceed applicable screening levels.

As indicated on **Table 4**, RCRA metals analyses was performed on all 12 soil samples. Arsenic, cadmium, mercury, selenium, and silver were not detected above the laboratory PQLs in any of the samples. Barium was detected in all 12 samples at concentrations ranging up to 65 mg/Kg in sample MW6-9-27-22-21'. A MTCA Method A Cleanup Level does not currently exist for barium. Chromium (hexavalent + trivalent) was detected in all 12 samples at concentrations ranging up to 16 mg/Kg in soil sample MW1-9-28-22-19'. None of the 12 chromium detections exceed the MTCA Method A Cleanup Level for chromium of 19 mg/Kg. Lead was detected in three of the 12 soil samples at concentrations ranging up to 11 mg/Kg in sample MW6-9-27-22-21'. None of the three lead detections exceed the MTCA Method A Cleanup Level of 250 mg/Kg.

A complete copy of the soil sample laboratory analytical results and accompanying chain-of-custody documentation are included in **Appendix D**.

6.2 Groundwater Sample Results

As indicated on **Table 5**, TPH-D and/or TPH-O were not detected above the laboratory PQLs in all six groundwater samples collected from monitoring wells MW1 through MW6. Furthermore, TPH-G was not detected above the laboratory PQLs in the six groundwater samples.

As indicated on **Table 6**, VOCs were analyzed for in all six groundwater samples collected from monitoring wells MW1 through MW6. A combination of VOCs including PCE and BTEX were detected in all six groundwater samples but not at concentrations exceeding established MTCA Method A Cleanup Levels.

As indicated on **Table 7**, RCRA (total) metals were analyzed for in all six groundwater samples collected from monitoring wells MW1 through MW6. Mercury was detected in three of the groundwater samples at concentrations ranging from 0.61 µg/L in well MW6 to 1.5 µg/L in well MW4. The MTCA Method A Cleanup Level for mercury is 2 µg/L. Selenium was detected in three of the groundwater samples at concentrations ranging from 5.9 µg/L in well MW6 to 9.9 µg/L in well MW4. No MTCA Method A Cleanup Level currently is established for selenium. Barium was detected in all six of the groundwater samples at concentrations ranging from 340 µg/L in well MW1 to 2700 µg/L in well MW4. No MTCA Method A Cleanup Level currently is established for barium. Cadmium and silver were not detected above the laboratory PQLs in any of the six groundwater samples.

Arsenic was detected in all six groundwater samples at concentrations exceeding the MTCA Method A Cleanup Level of 5 µg/L. Arsenic concentrations ranged from 12 µg/L in the groundwater sample collected from well MW1 to 67 µg/L in MW4. Chromium (hexavalent + trivalent) was detected in all six groundwater samples at concentrations exceeding the MTCA Method A Cleanup Level of 50 µg/L. Chromium concentrations ranged from 81 µg/L in well MW6 to 430 µg/L in MW2. Lead was detected in all six groundwater samples at concentrations exceeding the MTCA Method A Cleanup Level of 15 µg/L. Lead concentrations ranged from 16 µg/L in the groundwater collected from well MW1 to 160 µg/L in well MW2. Locations of the six monitoring wells with the respective RCRA metal (totals) concentrations are illustrated on **Figure 4**.

The highest detections of chromium (hexavalent + trivalent) and lead were in the groundwater sample collected from well MW2 which is located near the northwest property corner between the two former USTs. The second highest chromium and lead detections in groundwater were detected in the sample collected from well MW4 located in the northeast corner of the Site. The two highest arsenic concentrations were detected in wells MW4 and MW2, respectively.

A complete copy of the groundwater sample laboratory analytical results and accompanying chain-of-custody documentation are included in **Appendix D**.

7.0 CONCLUSIONS

Based on the Additional SI field activities conducted at the Site on September 27 and 28, 2022, the following geologic soil conditions were encountered in soil borings MW1 and MW3 through MW6: Brown SILT (ML) to 2 feet bgs; brown to dark brown, sandy, well-rounded, coarse GRAVEL & COBBLES, with little silt, loose (GP) from 2 to 20 feet bgs; and brown – gray, SAND & GRAVEL, well-rounded, coarse, loose, wet – very wet (SP & GP) from 20 to 25 feet bgs.

During the October 3, 2022 GWSE conducted at the Site, depths-to-groundwater ranged from 15.48 feet below top of casing (btoc) in well MW1, to 16.66 feet btoc in well MW2. The groundwater flow direction was determined to be to the southeast toward the Yakima River which is approximately 1.5 miles east of the Site with a hydraulic gradient of 0.005 feet per foot.

TPH-Dx was performed on 12 soil samples. TPH-D was only quantified in one of the 12 soil samples at a concentration of 76 mg/Kg in sample MW3-9-27-22-15'. TPH-O was quantified in three of the 12 soil samples at concentrations of 300 mg/Kg in sample MW3-9-27-22-15' to 1000 mg/Kg in sample MW6-9-27-22-21'. The MTCA Method A Cleanup Level for TPH-D + TPH-O is 2000 mg/Kg which was not exceeded in any of the 12 soil samples. TPH-G was performed on all 12 soil samples. TPH-G was not detected in any of the 12 soil samples.

VOCs were analyzed for in all 12 soil samples. Index parameters such as BTEX plus naphthalene were not detected in any of the 12 soil samples. Concentrations of detected VOCs such as 2-butonone, carbon disulfide, and acetone did not exceed applicable screening levels.

RCRA metals analyses was performed on all 21 soil samples. Arsenic, cadmium, mercury, selenium, and silver were not detected above the laboratory PQLs in any of the samples. Barium was detected in all 12 samples at concentrations ranging up to 65 mg/Kg in sample MW6-9-27-22-21'. A MTCA Method A Cleanup Level does not currently exist for barium. Chromium (hexavalent + trivalent) was detected in all 12 samples at concentrations ranging up to 16 mg/Kg in soil sample MW1-9-28-22-19'. None of the 12 chromium detections exceed the MTCA Method A Cleanup Level for chromium of 19 mg/Kg. Lead was detected in three of the 12 soil samples at concentrations ranging up to 11 mg/Kg in sample MW6-9-27-22-21'. None of the three lead detections exceed the MTCA Method A Cleanup Level of 250 mg/Kg.

8.0 RECOMMENDATIONS

BMEC recommends the following actions:

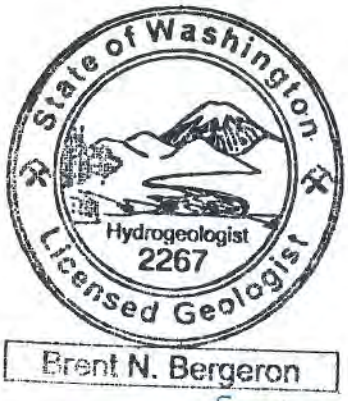
1) Conduct a minimum of three additional quarterly groundwater sampling events (GWSEs) and submit the groundwater samples to the laboratory for RCRA metals analysis, TPH-Dx and TPH-Gx analysis, as well as VOC including PCE analysis.
2) Assess whether background metals concentrations in the shallow aquifer may be naturally elevated above MTCA Method A Cleanup Levels. If so, this phenomenon shall be factored into the assessment of metals in groundwater and the pursuit of NFA status.
3) Complete reports documenting all future field activities. BMEC plans to compare all future soil and groundwater sampling results to MTCA Method A Cleanup Levels.

9.0 STATEMENT OF ENVIRONMENTAL PROFESSIONALS

BMEC personnel performed these Additional SI field activities on September 27 and 28, 2022, as well as the October 3, 2022 GWSE activities, in accordance with generally accepted environmental practices and procedures. We employed the degree of care and skill ordinarily exercised under similar circumstances by reputable environmental professionals practicing in the discipline of environmental sciences. The soil and groundwater sampling activities completed were conducted in accordance with standard engineering and geologic standards. However, BMEC was limited by data gaps that were encountered due to previous field work inadequacies and improper documentation. This report is based on the limited data that was provided to BMEC and if additional field data or documentation exists that was not made available to BMEC, we cannot be held accountable for such data gaps or inconsistencies recognizable in this report.

Respectfully Submitted,

Blue Mountain Environmental and Consulting Company, Inc.



Expires 1/3/23

Brent N. Bergeron, LHG, LG

P Trabusiner

Peter Trabusiner, Engineer

10.0 REFERENCES

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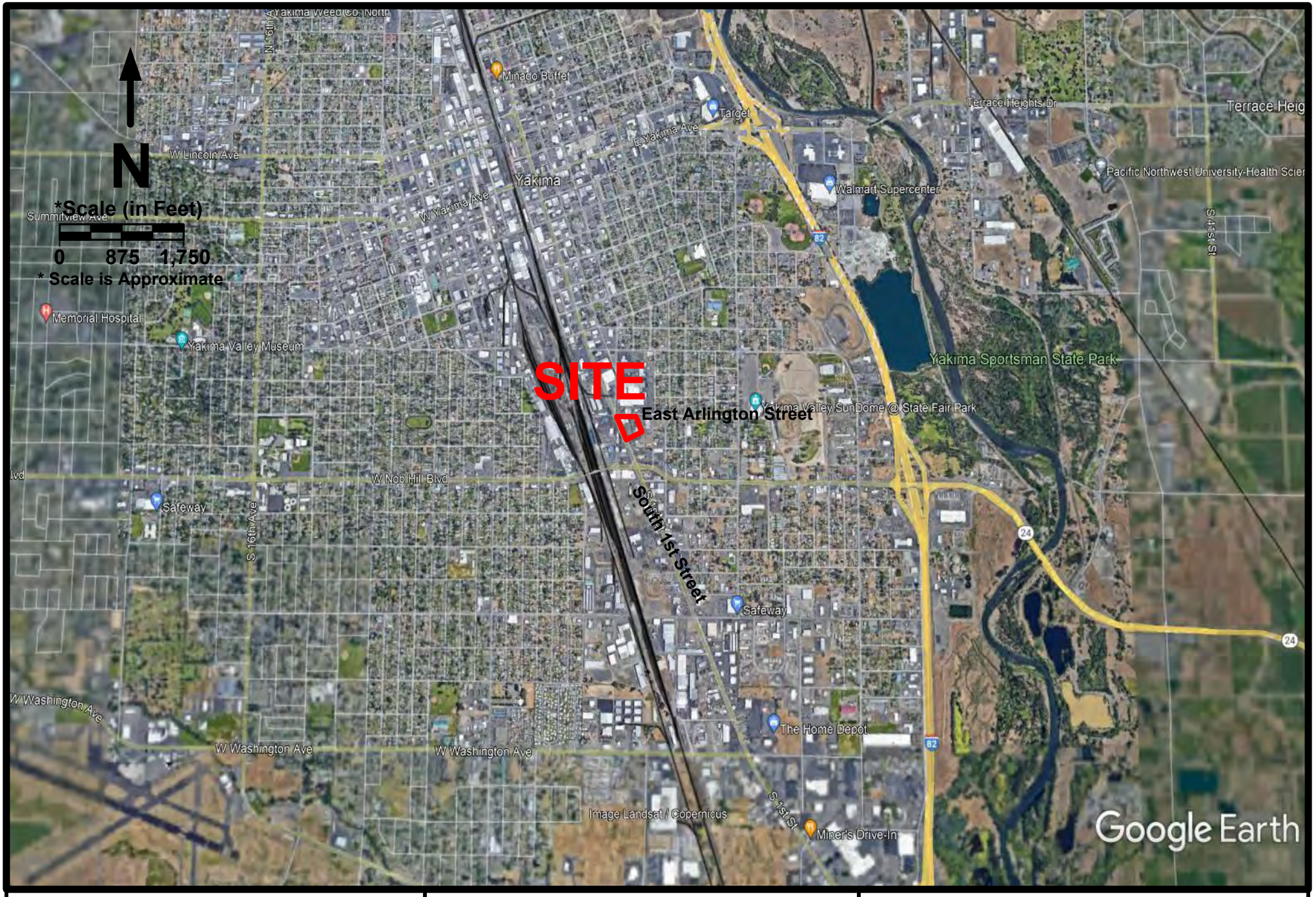
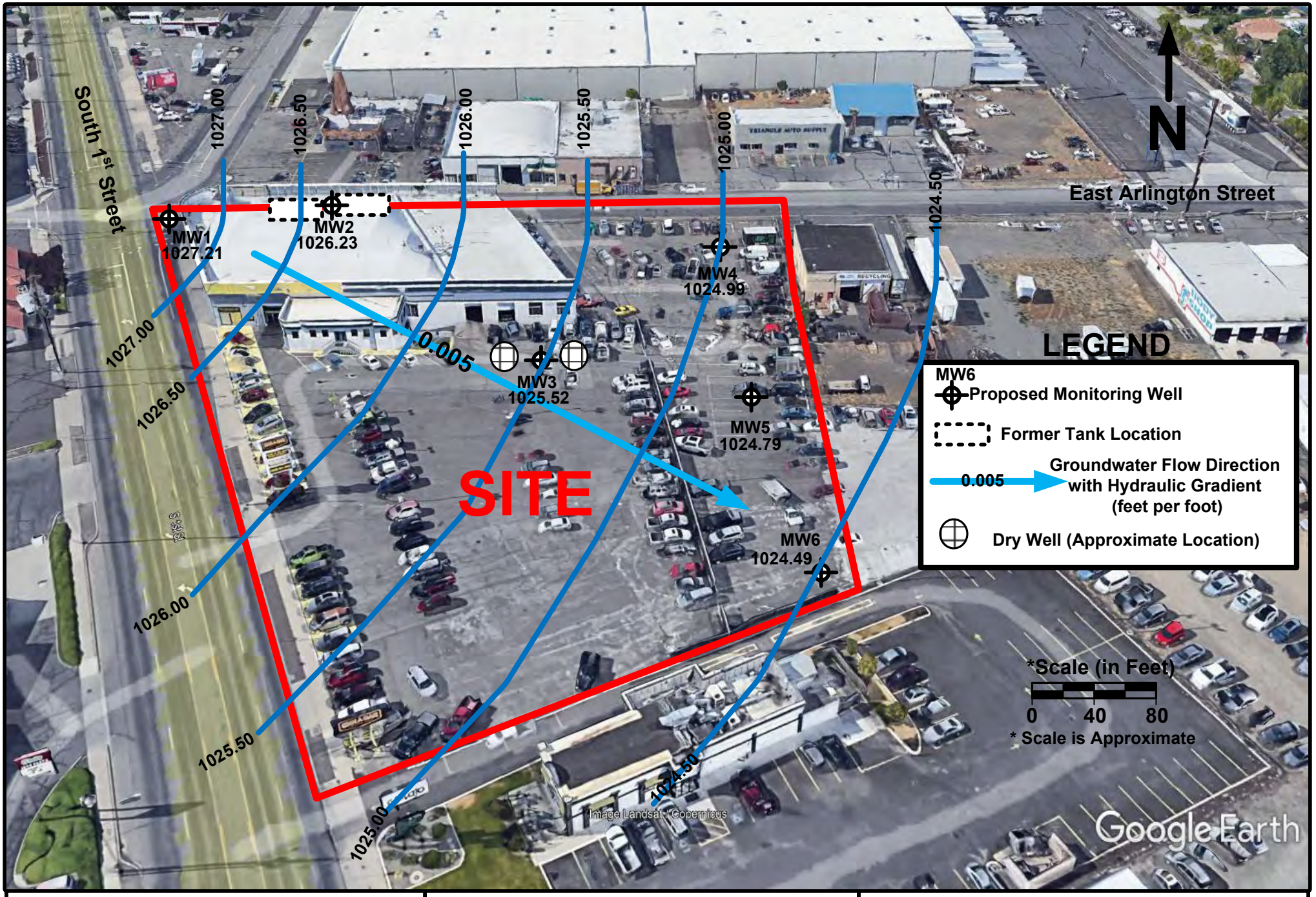


BMEC **P.O. Box 545/125 Main Street** **Waitsburg, Washington 99361**	**FIGURE 1 – SITE VICINITY MAP**	**Hahn Motors Company** **1201 South 1st Street** **Yakima, Washington 98901**

BMEC **P.O. Box 545/125 Main Street** **Waitsburg, Washington 99361**	**FIGURE 2 – SITE LOCATION MAP**	**Hahn Motors Company** **1201 South 1st Street** **Yakima, Washington 98901**

BMEC **P.O. Box 545/125 Main Street** **Waitsburg, Washington 99361**	**FIGURE 3 – SOIL BORINGS** **FEBRUARY 1, 2022**	**Hahn Motors Company** **1201 South 1st Street** **Yakima, Washington 98901**

BMEC **P.O. Box 545/125 Main Street** **Waitsburg, Washington 99361**	**FIGURE 4 – METALS IN GROUNDWATER 10/3/22 (mg/L)**	**Hahn Motors Company** **1201 South 1st Street** **Yakima, Washington 98901**



BMEC **P.O. Box 545/125 Main Street** **Waitsburg, Washington 99361**	**FIGURE 5 – GROUNDWATER FLOW DIRECTION** **OCTOBER 3, 2022**	**Hahn Motors Company** **1201 South 1st Street** **Yakima, Washington 98901**

TABLE 1

Former Hahn Motors
1201 S. 1st Street in Yakima, WA 98901

Monitoring Well Number	Date Measured	Top of Casing Elevation (feet NAVD88)	Depth-To-Water Below Top of Casing (feet btoc)*	Groundwater Elevation (feet NAVD88)	LNAPL Thickness (feet)	Volume of Groundwater Purged (gallons)	Screened Interval (feet bgs)	Sandpack Interval (feet bgs)	Bentonite Interval (feet bgs)
Monitoring Wells									
MW1	10/3/22	1042.69	15.48	1027.21	0.00	15	10 - 25'	8 - 25'	2 - 8'
MW2	10/3/22	1042.89	16.66	1026.23	0.00	15	10 - 25'	8 - 25'	2 - 8'
MW3	10/3/02	1041.88	16.36	1025.52	0.00	15	10 - 25'	8 - 25'	2 - 8'
MW4	10/3/22	1041.13	16.14	1024.99	0.00	15	10 - 25'	8 - 25'	2 - 8'
MW5	10/3/22	1040.73	15.94	1024.79	0.00	15	10 - 25'	8 - 25'	2 - 8'
MW6	10/3/22	1040.06	15.57	1024.49	0.00	15	10 - 25'	8 - 25'	2 - 8'

Notes:

NAVD88 = North American Vertical Datum 1988

btoc = below top of casing

LNAPL = light, non-aqueous phase liquid

NA = not available

TABLE 2

Soil Sample Results - Total Petroleum Hydrocarbons (mg/Kg)[1]

1201 South First Street

Yakima, Washington 98901

Sample I.D.	Depth (ft bsg)	Date Collected	TPH-Diesel and Heavy Oil by Northwest Method NWTPH-Dx		TPH-Gasoline by Northwest Method NWTPH-Gx
			TPH-D	TPH-O	
SUBSURFACE INVESTIGATION (BMEC) - FEBRUARY 2022					
MW1-9-28-22-10'	10'	9/28/22	< 26	< 52	< 5.2
MW1-9-28-22-19'	19'	9/28/22	< 27	< 54	< 5.7
MW2-9-28-22-13'	13'	9/28/22	< 58	**660**	< 5.0
MW2-9-28-22-18'	18'	9/28/22	< 28	< 55	< 5.8
MW3-9-27-22-15'	15'	9/27/22	**76**	**300**	< 5.5
MW3-9-27-22-23'	23'	9/27/22	< 27	< 54	< 6.0
MW4-9-27-22-16'	16'	9/27/22	< 26	< 52	< 5.1
MW4-9-27-22-20'	20'	9/27/22	< 26	< 53	< 5.0
MW5-9-27-22-15'	15'	9/27/22	< 26	< 51	< 4.7
MW5-9-27-22-20'	20'	9/27/22	< 27	< 54	< 4.5
MW6-9-27-22-15'	15'	9/27/22	< 26	< 52	< 5.1
MW6-9-27-22-21'	21'	9/27/22	< 37	**1000**	< 5.5
Ecology MTCA Method A Soil Cleanup Levels for Unrestricted Land Use (mg/Kg)					
Unrestricted Land Use			2,000	2,000	30/100 [1]

Notes:

[1] MTCA Method A Cleanup Level for Unrestricted Land Use for TPH-G is 30 ppm if benzene is detected in subsurface soils or groundwater. If benzene is not detected, Cleanup Level is 100 ppm.

MTCA = Model Toxics Control Act

NA= Not Analyzed

ft bsg = feet below surface grade

mg/Kg = milligrams per Kilogram or parts per million (ppm)

BOLD = sample yielded detectable concentration of analyzed compound

BOLD sample yielded detectable concentration of analyzed compound at levels exceeding MTCA Method A Cleanup levels for Unrestricted Land Use

TABLE 3

Soil Sample Results - Volatile Organic Compounds (mg/Kg)[1]

1201 South First Street

Yakima, Washington 98901

Sample I.D.	Depth (ft bsg)	Date Collected	Volatile Organic Compounds (VOCs) by EPA Method 8260D (mg/Kg)												
			Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	2-Butanone	Carbon Disulfide	Acetone	MTBE	Naphthalene	124-TMB	135-TMB
ADDITIONAL SUBSURFACE INVESTIGATION (BMEC) - SEPTEMBER 2022															
MW1-9-28-22-10'	10'	9/28/22	< 0.0011	< 0.0054	< 0.0011	< 0.0033	NA	< 0.0011	< 0.011	< 0.0016	< 0.054	< 0.0011	< 0.0054	< 0.0011	< 0.0011
MW1-9-28-22-19'	19'	9/28/22	< 0.0011	< 0.0056	< 0.0011	< 0.0033	NA	< 0.0011	< 0.011	< 0.0016	< 0.056	< 0.0011	< 0.0056	< 0.0011	< 0.0011
MW2-9-28-22-13'	13'	9/28/22	< 0.0011	< 0.0054	< 0.0011	< 0.0033	NA	< 0.0011	**0.022**	< 0.0016	**0.13**	< 0.0011	< 0.0054	< 0.0011	< 0.0011
MW2-9-28-22-18'	18'	9/28/22	< 0.0012	< 0.0061	< 0.0012	< 0.0036	NA	< 0.0012	< 0.012	< 0.0018	**0.13**	< 0.0012	< 0.0061	< 0.0012	< 0.0012
MW3-9-27-22-15'	15'	9/27/22	< 0.0011	< 0.0054	< 0.0011	< 0.0033	NA	< 0.0011	< 0.011	**0.0037**	< 0.054	< 0.0011	< 0.0054	< 0.0011	< 0.0011
MW3-9-27-22-23'	23'	9/27/22	< 0.0011	< 0.0057	< 0.0011	< 0.0033	NA	< 0.0011	< 0.011	< 0.0017	< 0.057	< 0.0011	< 0.0057	< 0.0011	< 0.0011
MW4-9-27-22-16'	16'	9/27/22	< 0.0012	< 0.0060	< 0.0012	< 0.0036	NA	< 0.0012	< 0.012	< 0.0017	< 0.060	< 0.0012	< 0.0060	< 0.0012	< 0.0012
MW4-9-27-22-20'	20'	9/27/22	< 0.0011	< 0.0054	< 0.0011	< 0.0033	NA	< 0.0011	< 0.011	< 0.0016	< 0.054	< 0.0011	< 0.0054	< 0.0011	< 0.0011
MW5-9-27-22-15'	15'	9/27/22	< 0.0010	< 0.0052	< 0.0010	< 0.0030	NA	< 0.0010	< 0.010	< 0.0017	< 0.052	< 0.0010	< 0.0052	< 0.0010	< 0.0010
MW5-9-27-22-20'	20'	9/27/22	< 0.0010	< 0.0052	< 0.0010	< 0.0030	NA	< 0.0010	< 0.010	**0.0018**	< 0.052	< 0.0010	< 0.0052	< 0.0010	< 0.0010
MW6-9-27-22-15'	15'	9/27/22	< 0.0011	< 0.0054	< 0.0011	< 0.0033	NA	< 0.0011	< 0.011	< 0.0017	< 0.054	< 0.0011	< 0.0054	< 0.0011	< 0.0011
MW6-9-27-22-21'	21'	9/27/22	< 0.0011	< 0.0053	< 0.0011	< 0.0033	NA	< 0.0011	< 0.011	< 0.0017	**0.054**	< 0.0011	< 0.0053	< 0.0011	< 0.0011
Ecology MTCA Method A Soil Cleanup Levels for Unrestricted Land Use (mg/Kg)															
Unrestricted Land Use			0.03	7	6	9	0.005	DNE	DNE	DNE	DNE	0.1	5	DNE	DNE

Notes:

MTCA = Model Toxics Control Act

NA = Not Analyzed

EDB = 1,2-Dibromoethane

EDC = 1,2-Dichloroethane

MTBE = Mehtyl tertiery-butyl ether

124-TMB = 1,2,4-trimethylbenzene

135-TMB = 1,3,5-trimethylbenzene

DNE = Does Not Exist

ft bsg = feet below surface grade

mg/Kg = milligrams per Kilogram or parts per million (ppm)

BOLD = sample yielded detectable concentration of analyzed compound

BOLD sample yielded detectable concentration of analyzed compound at levels exceeding MTCA Method A Cleanup levels for Unrestricted Land Use

TABLE 4

Soil Sample Results - Total Metals (mg/Kg)[1]
Hahn Motors Company - 1201 South First Street
Yakima, Washington 98901

Sample I.D.	Depth (ft bsg)	Date Collected	Total Metals via EPA Methods 6010D/7471B							
			Arsenic	Barium	Cadmium	Chromium[3]	Mercury[4]	Lead	Selenium	Silver
BMEC SUBSURFACE INVESTIGATION - FEBRUARY 2022										
SB1-2-1-22-5'	5'	2/1/22	< 10	**30**	< 0.52	**7.9**	< 0.26	< 5.2	< 10	< 1.0
SB1-2-1-22-10'	10'	2/1/22	< 11	**61**	**2.5**	**12**	< 0.27	**45**	< 11	< 1.1
SB1-2-1-22-15'	15'	2/1/22	< 11	**45**	< 0.54	**5.4**	< 0.27	< 5.4	< 11	< 1.1
SB2-2-1-22-5'	5'	2/1/22	< 10	**72**	< 0.52	**34**	< 0.26	< 5.2	< 10	< 1.0
SB2-2-1-22-10'	10'	2/1/22	< 11	**27**	< 0.53	**5.5**	< 0.26	< 5.3	< 11	< 1.1
SB2-2-1-22-15'	15'	2/1/22	< 10	**32**	< 0.52	**6.4**	< 0.26	**31**	< 10	< 1.0
SB3-2-1-22-5'	5'	2/1/22	< 10	**28**	< 0.52	**5.8**	< 0.26	< 5.2	< 10	< 1.0
SB3-2-1-22-10'	10'	2/1/22	< 11	**27**	< 0.53	**4.5**	< 0.26	< 5.3	< 11	< 1.1
SB3-2-1-22-25'	25'	2/1/22	< 11	**73**	< 0.56	**5.8**	< 0.28	< 5.6	< 11	< 1.1
SB4-2-1-22-5'	5'	2/1/22	< 10	**47**	< 0.51	**7.8**	< 0.25	< 5.1	< 10	< 1.0
SB4-2-1-22-10'	10'	2/1/22	< 10	**41**	< 0.52	**7.9**	< 0.26	< 5.2	< 10	< 1.0
SB4-2-1-22-15'	15'	2/1/22	< 11	**31**	< 0.53	**6.4**	< 0.27	< 5.3	< 11	< 1.0
SB4-2-1-22-20'	20'	2/1/22	< 11	**36**	< 0.54	**6.1**	< 0.27	< 5.4	< 11	< 1.1
SB5-2-1-22-5'	5'	2/1/22	< 10	**39**	< 0.51	**7.4**	< 0.26	< 5.1	< 10	< 1.0
SB5-2-1-22-10'	10'	2/1/22	< 11	**24**	< 0.53	**5.2**	< 0.26	**9.4**	< 11	< 1.1
SB5-2-1-22-15'	15'	2/1/22	< 12	**66**	< 0.58	**4.3**	< 0.29	< 5.8	< 12	< 1.2
SB5-2-1-22-20'	20'	2/1/22	< 12	**79**	< 0.58	**2.9**	< 0.29	< 5.8	< 12	< 1.2
SB6-2-1-22-5'	5'	2/1/22	< 11	**53**	< 0.53	**11**	< 0.27	**21**	< 11	< 1.1
SB6-2-1-22-10'	10'	2/1/22	< 10	**48**	< 0.52	**8.4**	< 0.26	< 5.2	< 10	< 1.0
SB6-2-1-22-15'	15'	2/1/22	< 10	**44**	< 0.52	**6.9**	< 0.26	< 5.2	< 10	< 1.0
SB6-2-1-22-20'	20'	2/1/22	< 11	**52**	< 0.53	**10**	< 0.26	< 5.3	< 11	< 1.1
BMEC ADDITIONAL SUBSURFACE INVESTIGATION - SEPTEMBER 2022										
MW1-9-28-22-10'	10'	9/28/22	< 10	**48**	< 0.51	**8.6**	< 0.26	< 5.1	< 10	< 1.0
MW1-9-28-22-19'	19'	9/28/22	< 11	**56**	< 0.54	**16**	< 0.27	< 5.4	< 11	< 1.1
MW2-9-28-22-13'	13'	9/28/22	< 10	**46**	< 0.52	**11**	< 0.26	**9.2**	< 10	< 1.0
MW2-9-28-22-18'	18'	9/28/22	< 11	**45**	< 0.55	**15**	< 0.27	< 5.5	< 11	< 1.1
MW3-9-27-22-15'	15'	9/27/22	< 11	**44**	< 0.53	**6.9**	< 0.26	< 5.3	< 11	< 1.1
MW3-9-27-22-23'	23'	9/27/22	< 11	**41**	< 0.54	**7.1**	< 0.27	< 5.4	< 11	< 1.1
MW4-9-27-22-16'	16'	9/27/22	< 10	**46**	< 0.52	**8.1**	< 0.26	**5.9**	< 10	< 1.0
MW4-9-27-22-20'	20'	9/27/22	< 11	**30**	< 0.53	**5.8**	< 0.26	< 5.3	< 11	< 1.1
MW5-9-27-22-15'	15'	9/27/22	< 10	**45**	< 0.51	**9.2**	< 0.26	< 5.1	< 10	< 1.0
MW5-9-27-22-20'	20'	9/27/22	< 11	**53**	< 0.54	**13**	< 0.27	< 5.4	< 11	< 1.1
MW6-9-27-22-15'	15'	9/27/22	< 10	**34**	< 0.51	**9.1**	< 0.26	< 5.1	< 10	< 1.0
MW6-9-27-22-21'	21'	9/27/22	< 10	**65**	< 0.51	**9.5**	< 0.26	**11**	< 10	< 1.0
Ecology MTCA Method A Soil Cleanup Levels for Unrestricted Land Use (mg/Kg)										
Unrestricted Land Use			20	DNE	2	19	2	250	DNE	DNE

Notes:

[1] Table 2 contains total metal analysis results for all soil samples collected by Waste Watch. The 2009 metals results for soil samples collected by Ecology and Environment are included in tables located in Appendix D.

[2] Sample analysis performed past method-specified holding time per client's approval.

[3] MTCA Method A Cleanup Level for Unrestricted Land Use for Chromium VI. Cleanup Level for Chromium III is 2,000 mg/Kg.

[4] Mercury analyzed via EPA Method 7471A.

[5] Soil sample SB24-7.5 was also analyzed for hexavalent chromium via EPA Method 7196A and yielded a non-detect (< 1.2 mg/Kg).

MTCA = Model Toxics Control Act

NA = Not Analyzed

DNE = Does Not Exist

ft bsg = feet below surface grade

mg/Kg = milligrams per Kilogram or parts per million (ppm)

BOLD = sample yielded detectable concentration of analyzed compound

BOLD sample yielded detectable concentration of analyzed compound at levels exceeding MTCA Method A Cleanup levels for Unrestricted Land Use

TABLE 5

Groundwater Sample Results - Total Petroleum Hydrocarbons (µg/L)

1201 South First Street

Yakima, Washington 98901

Sample I.D.	Date Collected	TPH-Diesel and Heavy Oil by Northwest Method NWTPH-Dx		TPH-Gasoline by Northwest Method NWTPH-Gx
		TPH-D	TPH-O	
SUBSURFACE INVESTIGATION (BMEC) - 2 1 22				
SB1-2-1-22-GW	2/1/22	**5000**	**4800**	< 500
SB3-2-1-22-GW	2/1/22	**260**	< 190	< 500
SB5-2-1-22-GW	2/1/22	**330**	**440**	< 500
ADDITIONAL SUBSURFACE INVESTIGATION (BMEC) - SEPTEMBER 2022				
MW1-10-3-22-GW	10/3/22	< 200	< 200	< 100
MW2-10-3-22-GW	10/3/22	< 210	< 210	< 100
MW3-10-3-22-GW	10/3/22	< 200	< 200	< 100
MW4-10-3-22-GW	10/3/22	< 210	< 210	< 100
MW5-10-3-22-GW	103/22	< 210	< 210	< 100
MW6-10-3-22-GW	10/3/22	< 210	< 210	< 100
Ecology MTCA Method A Groundwater Cleanup Levels (µg/L)				
Cleanup Level		500	500	800/1,000 [1]

Notes:

[1] MTCA Method A Cleanup Level for TPH-G is 800 ppb if benzene is detected in subsurface soils or groundwater. If benzene is not detected, Cleanup Level is 1,000 ppb.

MTCA = Model Toxics Control Act

µg/L = micrograms per Liter or parts per billion (ppb)

BOLD = sample yielded detectable concentration of analyzed compound.

BOLD Concentration exceeds the MTCA Method A Cleanup Level.

TABLE 6

Groundwater Sample Results - Volatile Organic Compounds (µg/L)

Hahn Motors Company - 1201 South 1st Street

Yakima, Washington 98901

Sample I.D.	Date Collected	Volatile Organic Compounds (VOCs) by EPA Method 8260D (µg/L)																		
		Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	2-Hexanone	n-Propyl-benzene	MTBE	Naphthalene	124-TMB	135-TMB	p-Isopropyltoluene	n-Butylbenzene	Acetone	Cabon Disulfide	2-Butanone	Chloroform	PCE
SUBSURFACE INVESTIGATION (BMEC) - 2 1 22																				
SB1-2-1-22-GW	2/1/22	< 0.40	**19**	**7.1**	**48**	< 0.40	< 0.40	**0.43**	**1.8**	< 0.40	**3.4**	**15**	**5.5**	**4.6**	**2.9**	**120**	**1.9**	< 10	< 0.40	< 0.40
SB3-2-1-22-GW	2/1/22	**2.2**	**1.5**	**0.46**	**0.83**	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 1.0	**0.33**	< 0.20	< 0.20	< 0.20	**23**	< 0.20	**6.5**	**0.35**	**0.52**
SB5-2-1-22-GW	2/1/22	**0.82**	< 1.0	< 0.20	< 0.60	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 1.0	< 0.20	< 0.20	< 0.20	< 0.20	**32**	< 0.20	**7.7**	**5.2**	**1.3**
ADDITIONAL SUBSURFACE INVESTIGATION (BMEC) - SEPTEMBER 2022																				
MW1-10-3-22-GW	10/3/22	< 0.20	< 1.0	< 0.20	< 0.60	< 0.20	< 0.20	< 2.0	< 0.20	< 0.20	< 1.3	< 0.20	< 0.20	< 0.20	< 0.20	< 5.0	< 0.20	< 5.0	**6.1**	**2.4**
MW2-10-3-22-GW	10/3/22	**0.62**	< 1.0	**0.44**	**0.45**	< 0.20	< 0.20	< 2.0	**0.30**	< 0.20	< 1.3	< 0.20	< 0.20	< 0.20	< 0.20	< 5.0	< 0.20	< 5.0	**5.0**	**2.6**
MW3-10-3-22-GW	10/3/22	< 0.20	< 1.0	< 0.20	< 0.60	< 0.20	< 0.20	< 2.0	< 0.20	< 0.20	< 1.3	< 0.20	< 0.20	< 0.20	< 0.20	< 5.0	< 0.20	< 5.0	**4.8**	**2.2**
MW4-10-3-22-GW	10/3/22	**0.67**	< 1.0	**0.22**	**0.26**	< 0.20	< 0.20	< 2.0	< 0.20	< 0.20	< 1.3	< 0.20	< 0.20	< 0.20	< 0.20	**5.2**	**0.23**	< 5.0	**3.6**	**1.1**
MW5-10-3-22-GW	10/3/22	**1.7**	**2.2**	**0.68**	**1.45**	< 0.20	< 0.20	**2.3**	**0.34**	< 0.20	< 1.3	**0.25**	< 0.20	**0.30**	**0.25**	**11**	< 0.20	< 5.0	**5.6**	**1.6**
MW6-10-3-22-GW	10/3/22	**0.65**	**1.0**	**0.26**	**0.24**	< 0.20	< 0.20	< 2.0	< 0.20	< 0.20	< 1.3	< 0.20	< 0.20	< 0.20	< 0.20	< 5.0	< 0.20	< 5.0	**4.5**	**1.5**
Ecology MTCA Method A Groundwater Cleanup Levels (µg/L)																				
Cleanup Level		5	1,000	700	1,000	0.010	5	DNE	DNE	20	160	DNE	DNE	DNE	DNE	DNE	DNE	DNE	DNE	5

Notes:

MTCA = Model Toxics Control Act

EDB = 1,2-Dibromoethane

EDC = 1,2-Dichloroethane

MTBE = Methyl tertiery-butyl ether

124-TMB = 1,2,4-trimethylbenzene

135-TMB = 1,3,5-trimethylbenzene

PCE = Tetrachloroethylene

DNE = Does Not Exist

µg/L = micrograms per Liter or parts per billion (ppb)

BOLD = sample yielded detectable concentration of analyzed compound.

TABLE 7

Groundwater Sample Results - Total Metals (µg/L)

1201 South First Street

Yakima, Washington 98901

Sample I.D.	Date Collected	Total Mercury by EPA Method 200.8 (µg/L)	Total Metals via EPA Method 200.8						
			Arsenic	Barium	Cadmium	Chromium[1]	Lead	Selenium	Silver
Grab Groundwater Samples Via Temporary Borings									
SB1-2-1-22-GW	2/1/22	**1.1**	**120**	**2500**	**110**	**530**	**1200**	**6.3**	< 11
SB3-2-1-22-GW	2/1/22	**0.59**	**51**	**1800**	< 4.4	**420**	**150**	< 5.6	< 11
SB5-2-1-22-GW	2/1/22	**0.87**	**130**	**5800**	**6.4**	**1100**	**330**	**11**	< 11
Monitoring Well Groundwater Samples									
MW1-10-3-22-GW	10/3/22	< 0.50	**12**	**340**	< 4.4	**110**	**16**	< 5.6	< 11
MW2-10-3-22-GW	10/3/22	**1.2**	**58**	**2400**	< 4.4	**430**	**160**	**7.6**	< 11
MW3-10-3-22-GW	10/3/22	< 0.50	**16**	**550**	< 4.4	**120**	**27**	< 5.6	< 11
MW4-10-3-22-GW	10/3/22	**1.5**	**67**	**2700**	< 4.4	**400**	**110**	**9.9**	< 11
MW5-10-3-22-GW	10/3/22	< 0.50	**18**	**790**	< 4.4	**210**	**36**	< 5.6	< 11
MW6-10-3-22-GW	10/3/22	**0.61**	**39**	**600**	< 4.4	**81**	**39**	**5.9**	< 11
Ecology MTCA Method A Groundwater Cleanup Levels (µg/L)									
Cleanup Levels		2	5	DNE	5	50	15	DNE	DNE

Notes:

[1] MTCA Method A Cleanup Level for total chromium (chromium VI + chromium III) is 50 µg/L

MTCA = Model Toxics Control Act

EDB = 1,2-Dibromoethane

EDC = 1,2-Dichloroethane

MTBE = Mehtyl tertiery-butyl ether

124-TMB = 1,2,4-trimethylbenzene

135-TMB = 1,3,5-trimethylbenzene

DNE = Does Not Exist

µg/L = micrograms per Liter or parts per billion (ppb)

BOLD = sample yielded detectable concentration of analyzed compound

BOLD Concentration exceeds the MTCA Method A Cleanup Level

APPENDIX A

DEPARTMENT OF ECOLOGY LETTER REGARDING NEED FOR FURTHER ACTION – DATED FEBRUARY 23, 2016

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
1250 W Alder St • Union Gap, WA 98903-0009 • (509) 575-2490

February 23, 2016

FILE COPY

Richard Hahn
1219 N 22nd Avenue
Yakima, WA 98902

Re: Further Action at the following Site:

Site Name:	Hahn Motor Company
Site Address:	1201 S 1st Street, Yakima
Facility Site ID No.:	502
Cleanup Site ID No.:	4927
VCP Project No.:	CE0434

Dear Mr. Hahn:

The Washington State Department of Ecology (Ecology) received your request for an opinion on your independent cleanup of the Hahn Motor Company facility (Site). This letter provides our opinion. We are providing this opinion under the authority of the Model Toxics Control Act (MTCA), Chapter 70.105D RCW.

Issue Presented and Opinion

Is further remedial action necessary to clean up contamination at the Site?

YES. Ecology has determined that further remedial action is necessary to clean up contamination at the Site.

This opinion is based on an analysis of whether the remedial action meets the substantive requirements of MTCA, Chapter 70.105D RCW, and its implementing regulations, Chapter 173-340 WAC (collectively "substantive requirements of MTCA"). The analysis is provided below.

Description of the Site

This opinion applies only to the Site described below. The Site is defined by the nature and extent of contamination associated with the following releases:

- Waste Oil and associated chemicals released from Underground Storage Tanks (USTs) into soil and groundwater.

- Petroleum products and other chemicals released from interior sumps to soil and groundwater

Currently the Site is part of the Yakima Railroad Area s (FSID# 500) tetrachloroethylene (PCE) plume

Please note a parcel of real property can be affected by multiple sites At this time we have no information that the parcel(s) associated with this Site are affected by other sites

Basis for the Opinion

This opinion is based on the information contained in the following documents

- Earth Consultants Inc 1989 *Preliminary Integrity Assessment of Two USTs and Three Industrial Waste Water Sumps 1201 S 1st St and 307 E Arlington St Yakima WA* October 1989

- PETCO Inc 2008 *UST Decommissioning & Site Assessment Report for UST Site #200130 1201 S 1st St Yakima WA* Februai y 2008

- Department of Ecology Correspondence File 1989 2015

Those documents are kept at the Central Regional Office (CRO) of Ecology for review by appointment only You can make an appointment by calling the CRO resource contact Jackie Cameron at 509 454 7658

This opinion is void if any of the information contained in those documents is materially false or misleading

Analysis of the Cleanup

Ecology has concluded that **further remedial action** is necessary to clean up contamination at the Site That conclusion is based on the following analysis

1 Characterization of the Site

Ecology has determined your characterization of the Site **is not** sufficient to establish cleanup standards and select a cleanup action

Groundwater in the vicinity of the waste oil USTs has concentrations of petroleum exceeding cleanup levels and concentrations of petroleum in soil at the base of the UST excavation appear to increase with depth The testing performed did not meet Ecology s requirements for waste oil releases and other contaminants are suspected

Soil samples collected adjacent to the two interior sumps had concentrations or detections of petroleum products and Volatile Organic Compounds (VOCs) including PCE Additional contaminants and higher concentrations are suspected with further characterization of soil and groundwater

The automotive washing bay sump is believed to drain to a nearby drywell The drywell should be decommissioned and soil and groundwater in the vicinity should be characterized

WAC 173 340 350 requires sufficient investigations to characterize the distribution of hazardous substances present at the site and threat to human health and the environment Further investigation of both soil and groundwater near the USTs both sumps and drywell connected to the automotive washing bay sump are required to adequately characterize the Site

The investigation should consist of sufficient sampling and analyses to demonstrate a Contaminant of Potential Concern (COPC) is not affecting the Site **and** to define the location quantity extent and concentration of all Contaminants of Concern (COCs) known to be affecting the Site

The investigation should meet the analytical requirements and recommendations for waste oil releases as discussed in the following Ecology documents

- Guidance for Site Checks and Site Assessments for Underground Storage Tanks (Pub #90 52)
- Guidance for Remediation of Petroleum Contaminated Sites (Pub #10 09 057)
- Model Toxics Control Act Regulation and Statute (Pub #94 06)

2 Establishment of cleanup standards

Ecology has determined the cleanup levels and points of compliance you established for the Site **do not** meet the substantive requirements of MTCA

The characterization of the Site is not sufficient to establish cleanup standards and points of compliance

3 Selection of cleanup action

Ecology has determined the cleanup action you selected for the Site **does not** meet the substantive requirements of MTCA

The characterization of the site is not sufficient to select a cleanup action

4 Cleanup

Ecology has determined the cleanup you performed does not meet any cleanup standards at the Site

The interim action performed at the Site consisted of decommissioning USTs and limited removal of impacted soil surrounding the USTs

Additional characterization is necessary to select a cleanup action

Limitations of the Opinion

1 Opinion does not settle liability with the state

Liable persons are strictly liable jointly and severally for all remedial action costs and for all natural resource damages resulting from the release or releases of hazardous substances at the Site This opinion **does not**

- Resolve or alter a person s liability to the state
- Protect liable persons from contribution claims by third parties

To settle liability with the state and obtain protection from contribution claims a person must enter into a consent decree with Ecology under RCW 70 105D 040(4)

2 Opinion does not constitute a determination of substantial equivalence

To recover remedial action costs from other liable persons under MTCA one must demonstrate that the action is the substantial equivalent of an Ecology conducted or Ecology supervised action This opinion does not determine whether the action you performed is substantially equivalent Courts make that determination *See* RCW 70 105D 080 and WAC 173 340 545

3 State is immune from liability

The state Ecology and its officers and employees are immune from all liability and no cause of action of any nature may arise from any act or omission in providing this opinion *See* RCW 70 105D 030(1)(i)

Contact Information

Thank you for choosing to clean up the Site under the Voluntary Cleanup Program (VCP) After you have addressed our concerns you may request another review of your cleanup Please do not hesitate to request additional services as your cleanup progresses We look forward to working with you

For more information about the VCP and the cleanup process please visit our web site www ecy wa gov/programs/tcp/vcp/vcpmain htm If you have any questions about this opinion please contact me by phone at (509) 454 7839 or e mail at Jennifer Lind@ecy wa gov

Sincerely

Jennifer Lind
CRO Toxics Cleanup Program

cc Doug and Connie Bettarel
Dolores Mitchell VCP Financial Manager

MEMORANDUM

February 18, 2016

TO: Valerie Bound
PEER REVIEW:
FROM: Jennifer Lind
SUBJECT: Hahn Motor Company – VCP request for NFA Opinion on Site Characterization and Remedial Action

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VCP OPINION: Further Action Required

EXECUTIVE SUMMARY:

Further investigation of both soil and groundwater near the USTs, both sumps, and drywell connected to Sump #2 are required to adequately characterize the Site. Testing should follow Ecology's requirements for waste oil releases.

Ecology correspondence circa 1990 indicates Ecology was very clear that additional characterization of soil and groundwater is necessary.

Both the sumps and USTs are potential sources of PCE contributing to the YRRA PCE plume.

USTs: Groundwater has concentrations of petroleum exceeding CULs. Soil has concentrations of petroleum below CULs, but appears to be increasing with depth. No other analyses were performed for either media.

Sumps: Soil adjacent to the sumps has concentrations of petroleum below CULs, but appears to be increasing with depth. T, E, X, DCE, TCE, PCE, 1,1,1 Trichloroethane were detected below CULs, but higher concentrations are likely with proper sampling.

Drywell: Water from Sump #2 runs through an oil/water separator, then out to drywell. This drywell is prohibited and needs to be decommissioned.

Tank Sludge: Contained metals and chlorinated compounds.

SITE INFORMATION:

Site Name:	Hahn Motor Company
Address:	1201 S 1st St., Yakima
Tax Parcel No.:	191330-13002
Brief Legal Description:	BEG 30 FT S & 30 FT E OF NW COR SW1/4NE1/4,TH S 28.35 FT,TH SE'LY AL E LN S1ST ST.271.65 FT,TH E 140 FT,TH NW'LYPAR TO S 1ST ST.100 FT,TH E 50 FT,THNW'LY PAR TO S 1ST ST.202.89 FT TO SLN E WASH.ST..TH W TO POB.
CSID:	4927
FSID:	502

SITE HISTORY

1940s

In the mid 1940s Hahn Motors built the existing structure with a 2 000 gallon heating oil UST in the basement The use of the facility as an auto dealership and service garage appears to have remained consistent since construction

1970s

In the mid 1970s an additional 2 000 gallon UST was installed and the boiler was retrofitted to burn used motor oil

1989

An assessment of 2 USTs and 2 interior sumps was performed (a drywell at the N adjoining 5th Wheel Site was also assessed) The investigation consisted of 2 borings near the USTs (15 ft bgs) and 2 hand augers near the interior sumps (6 ft bgs) Groundwater samples were collected from the borings at about 14 ft bgs

Sump #? (Western) Located in an automotive servicing bay and described in the report as a battery storage area

2/2016 Site Visit No batteries currently stored Unknown if secondary containment was used The sump is reportedly self contained and pumped as necessary but no documentation available No hydraulic lift

Sump #? (Eastern) Located in an auto washing/detailing area of the service department

2/2016 Site Visit A pressure washer was used for engine cleaning Mr Hahn stated the sump water runs through an oil/water separator then out to a drywell At the time of the site visit the sump was completely full of oily water

***Note Sump locations on figure and sample location descriptions are not consistent Unclear which is correct ***

See attached tables of results

All soil samples were analyzed for TPH (EPA Method 418 1) The interior sump samples were also analyzed for VOCs (EPA Method 8240)

Groundwater samples were only analyzed for TPH (EPA Method 418 1)

Low levels of TPH were detected in soil samples ranging from 17 to 236 mg/kg However the analytical method used is not appropriate for lighter end fuels like gasoline TPH concentrations in samples collected at B 2 increased with depth to a max of 15 ft bgs (162 mg/kg)

The groundwater sample collected from B 2 had 5 000 ug/L TPH This concentration exceeds the CUL for any petroleum product

The USTs were used to store waste oil from at least 1975 It is unknown if other automotive fluids or cleaning solvents were also disposed of/stored in the USTs or what chemicals drained into the sumps It is assumed the washing area sump is still in use as it is full of water (2/2016)

Ecology letter with comments 2/12/1990 Highlights

- Given the information in your preliminary assessment report additional site investigation and characterization is needed to define the extent of horizontal and vertical contamination at this site
- Further investigation should include both downgradient and upgradient (background contamination around the two tanks and three sumps

1992

PLSA submitted sampling results from the on site land farmed stockpile – **Update This soil was from the interior catch basin at the 5th Wheel Site and was stockpiled at a 3rd location at the SW corner of South 6th Street and Arlington (property also owned by Hahn)**

1993

Ecology internal file memo dated October 22 1993 describes soil sampling activities performed by PLSA – **Update This sampling took place near the former interior catch basin at the 5th Wheel Site**

2007

The USTs were decommissioned and removed in November 2007 No holes were observed in the tanks The USTs stored waste oil for heating purposes during winter months and were pumped out by a recycling company during the summer months

Name	Date Installed	Date Removed	Tank Type & Status	Size (gallons)	Contents	Signs of Release?
West Tank	~1946	Nov 2007	UST assumed steel and single walled Corrosion but no holes	2 000	Used Oil from auto servicing	overfilling only
East Tank	~1975	Nov 2007	UST assumed steel and single walled Corrosion but no holes	2 000	Used Oil from auto servicing	overfilling only

UST excavation sampling and analysis

Documentation of the decommissioning and site assessment are inadequate The activities that were documented **do not** meet the requirements of MTCA

A discussion or figure illustrating the depth of the USTs or the dimensions of the excavations was not provided It is not known if the sample locations and depths selected are appropriate Ecology requires a sample be collected from the beneath the tank It appears from the limited information that all samples were collected from the sidewalls at various depths

The excavation sidewall samples were only analyzed for diesel and heavy oil Ecology requires additional testing for waste oil releases

No samples had concentrations of heavy oil greater than the CUL however the deepest sample collected had the highest concentration (west tank S 6 12 ft bgs 492 mg/kg) Considering the high groundwater elevation is about 14 ft bgs both soil and groundwater should be analyzed for petroleum products VOCs/HVOCs fuel additives and blending compounds cPAHs PCBs and other analytes as required or necessary

Tank Sludge

The sludge and oil removed during decommissioning was properly disposed of as dangerous waste by Safety Kleen Documentation was provided

The sludge was analyzed for metals (As Cd Cr and Pb) and PCBs (non detect) A Chlor d tect test was performed by Ecology Hazardous Waste staff A max of >4 000 ppm chlorine compounds were detected (possible source of PCE in GW)

Stockpiles

4 stockpiles were segregated by their anticipated levels of contamination and moved to a vacant lot owned by Mr Hahn at the SW corner of S 6th St and E Arlington

Stockpile #1 the most contaminated (heavy oil = 4 980 mg/kg) was disposed of at the Anderson PCS facility in Yakima Documentation was provided

Stockpiles #2 #3 and #4 were classified as solid waste by the Yakima Health District The report states the stockpiles were disposed of at the New Waste Landfill No documentation was provided but Ecology did not see any indications of stockpiled material during the site visit (2/2016)

2014

The Site was sold to Doug and Connie Bettarel for use as a used car sales lot According to Mr Hahn no servicing has been performed since the ownership change (unconfirmed)

2016

Ecology Site Visit Mr Hahn and Wayne Griffith (retired general manager) escorted Jennifer Lind and Kyle Parker through the facility and answered questions regarding general operating practices

See the discussion above regarding the sumps

Three previously unknown drywells were identified by Mr Hahn and Mr Griffith Two of the drywells appear to be stormdrains and one of the drywells is likely connected to the easternmost sump Ecology contacted the City of Yakima stormwater engineer who thought it unlikely that the drywells were hooked up to the stormwater system None of the drywells are registered as required and the drywell connected to the sump is considered a prohibited UIC well under WAC 173 218 040(5)(b)(ii) and (v) Mary Shaleen Hansen (ECY UIC permitting) was contacted and will do a follow up compliance/outreach with the Site representative

The drywell should be decommissioned and appropriate sampling performed

SOILS

Subsurface	Unconsolidated sand and gravel
Data Gaps	Additional sampling and analyses (ALL required in Table 830 1) in near former USTs sumps and drywell connected to Sump #2

GROUNDWATER

Depth below ground surface (ft)	14 – 19 ft bgs at N adjoining 5th Wheel Site
Confined/Unconfined	Shallow aquifer unconfined (source YRRA report)
Flow Direction & Gradient	YRRA is primarily to the E with an approximate gradient of 0 005 5th Wheel Site ranges from E to SE
Contaminant Plume Defined?	No
Data Gaps	Yes Groundwater collected near the USTs has petroleum concentrations exceeding CULs and soil contamination is present in contact with groundwater The nature of the contamination has not been characterized

REPORTS AND CORRESPONDENCE

1 Earth Consultants Inc 1989 *Preliminary Integrity Assessment of Two USTs and Three Industrial Waste Water Sumps 1201 S 1st St and 307 E Arlington St Yakima WA* October 1989

2 PETCO Inc 2008 *UST Decommissioning & Site Assessment Report for UST Site #200130 1201 S 1st St Yakima WA* February 2008

3 Department of Ecology Correspondence File 1989 2015

VCP OPINION OUTLINE

Characterization

Insufficient and unsubstantiated

WAC 173 340 350 requires sufficient investigations to characterize the distribution of hazardous substances present at the site and threat to human health and the environment Further investigation of both soil and groundwater near the USTs both sumps and drywell connected to Sump #2 are required to adequately characterize the Site

The investigation should consist of sufficient sampling and analyses to demonstrate a COPC is not affecting the Site **and** to define the location quantity extent and concentration of all COCs known to be affecting the Site

The investigation should follow the analytical requirements and recommendations for waste oil releases as discussed in the following Ecology documents

- *Guidance for Site Checks and Site Assessments for Underground Storage Tanks* (Pub #90 52)
- *Guidance for Remediation of Petroleum Contaminated Sites* (Pub #10 09 057)
- *Model Toxics Control Act Regulation and Statute* (Pub #94 06)

Cleanup Levels

Do not meet the substantive requirements of MTCA

Reasoning

- The characterization of the Site is insufficient to establish cleanup standards

Point of Compliance

Does not meet the substantive requirements of MTCA

Reasoning

The following explanation or actions are necessary to establish or substantiate the cleanup standards

- Whether the points of compliance are standard or conditional
- The basis for the points of compliance (e g for soil the points may be based on protection of ground water quality)

Selection of Cleanup Action	Does not meet the substantive requirements of MTCA Reasoning • The characterization of the Site is not sufficient to select a cleanup action

1989 - UST and Sump Assessment Groundwater Samples

Sample Name	Sample Location	Depth (ft bgs)	Date Sampled	Date Analyzed	TPH (ug/L) 418.1	Gasoline (ug/L) NWTPH-Gx	Diesel (ug/L) NWTPH-Dx	Heavy Oil (ug/L) NWTPH-Dx
B-1	NE corner of West UST	14	?	8/1989	<5,000	--	--	--
B-2	NE corner of East UST	14	?	8/1989	5,000	--	--	--
				MTCA Method A CUL		30/100	2,000	2,000

Notes
1 <3.2 PQL is greater than the CUL
2 510 concentration is greater than the CUL
3 510 detected below the CUL
4 Method 418.1 is not appropriate for gasoline

1989 - UST and Sump Assessment Soil Samples

Sample Name	Sample Location	Depth (ft bgs)	Date Sampled	Date Analyzed	TPH (mg/kg) 418.1	Volatile Organic Compounds (VOCs) (mg/kg) EPA 8240				Halogenated VOCs (mg/kg) EPA 8240				
						B	T	E	X	VC	DCE	TCE	PCE	1,1,1 Trichloroethane
Sump #1	Adjacent to Eastern sump	6 foot composite	?	8/1989	236	<0.001	~0.005	<0.0008	<0.0018	<0.002	<0.0008	<0.0006	0.0007	0.0052
Sump #2	Adjacent to Western sump	6 foot composite	?	8/1989	36.2	<0.0011	0.025	0.0022	0.0088	<0.0022	0.0017	0.0029	0.0073	0.0011
B-1	NE corner of West UST	8	?	8/1989	16.9	--	--	--	--	--	--	--	--	--
B-1	NE corner of West UST	15	?	8/1989	17.2	--	--	--	--	--	--	--	--	--
B-2	NE corner of East UST	10	?	8/1989	16.7	--	--	--	--	--	--	--	--	--
B-2	NE corner of East UST	15	?	8/1989	162	--	--	--	--	--	--	--	--	--
B-2 dup.	NE corner of East UST	15	?	8/1989	133	--	--	--	--	--	--	--	--	--
				MTCA Method A CUL		0.03	7	6	9			0.03	0.05	2
						0.005	0.005	0.005	0.005	0.01	0.005	0.005	0.005	0.005

Notes

1 <3.2 PQL is greater than the CUL

2 510 conc. is greater than the CUL

3 510 detected below the CUL

4 Method 418.1 is not appropriate for gasoline

5 Sump locations on figure and sample location descriptions are not consistent. Unclear which is correct.

These are the EPA Method Estimated Quatitation Limits. The EQLs are based on wet weight, and will be higher with a lower % dry weight. Not sure how accurate the reported concentrations are. Detection Limits are really low.

APPENDIX B

BORING LOGS

E. Arlington St.

S. 1ST Street

MW1

Bldg

N

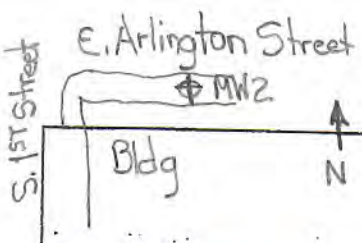
BORING/WELL CONSTRUCTION LOG

Project Number E2022-0805	Boring/Well Number MW1
Project Name Hahn Motor Company - MW Install	Date Drilled 9/28/22 0930
Location 1201 S. First Street in Yakima, WA	Casing Type/Diameter 6" OD
Drilling Method Sonic	Screen Type/Slot Schedule 40 PVC / 0.010"
Sampling Method Core Barrel/Sample Bag	Gravel Pack Type Silica Sand
Ground Elevation NA	Grout Type Bentonite
Top of Casing Elevation	Depth to Water/Date 15.48 ft btoc / 10 3 22
Logged by B. Bergeron, LHG	Ground Water Elevation/Date 1027.21' NAVD 88
Remarks	Drilling Co. Holt Services

PID (ppm)	Blow Counts	Recovery (%)	Sampling Method	Sample	Depth (ft. BGL)	U.S.C.S.	Graphic Log	Lithologic Description	Contact Depth	Well Diagram
0.7	NA	90	NA					0-0.5': Asphalt		MW 1
0.5								0.5-8': DK brown, silty SAND, trace gravel, moist, loose - mod firm.		2'
0.5										
0.4										
0.4					5				5.0	
0.5										
0.7										
0.5										
0.3								8-10': Brown, sandy, GRAVEL & COBBLES, coarse, rounded, loose, damp.		8'
1	MW1-9-28-22-10'			X	10					
0.6		100							10.0	10'
0.6								10-18.5': Gray, silty, coarse rounded GRAVEL, trace sand, firm, moist.		
0.7										
0.6										
0.9					15					
0.7									15.0	
0.6									10/3/22	
1.1										
1	MW1-9-28-22-19'			X				18.5-20': Brown-gray; sandy, rounded coarse GRAVEL, loose, damp.		
1					20					
0.6		100							20.0	
0.7								20-25': Brown-gray, SAND & GRAVEL, well-rounded, coarse, loose, wet - V. wet.		
0.7										
0.9										
1.1					25					
								TD=25'	25.0	25'
					30				30.0	

1030 10'

1040 19'

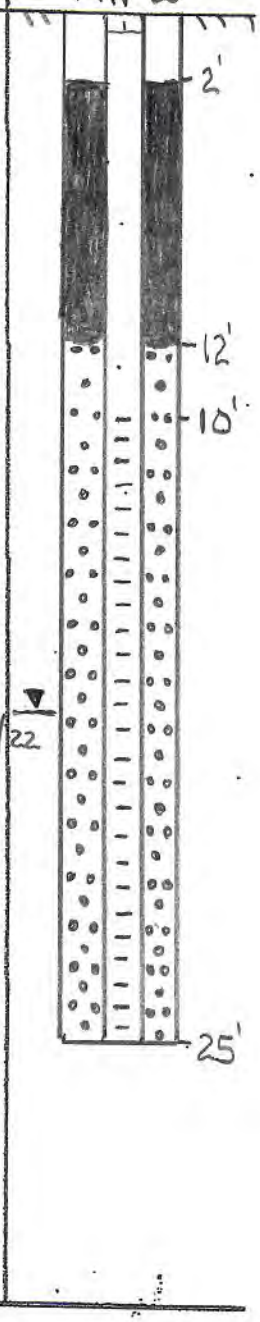


BORING/WELL CONSTRUCTION LOG

Project Number E2022-0805	Boring/Well Number MW2
Project Name Hahn Motor Company - MW Install	Date Drilled 9/28/22
Location 1201 S. First Street in Yakima, WA	Casing Type/Diameter 6" OD
Drilling Method Sonic	Screen Type/Slot Schedule 40 PVC / 0.010"
Sampling Method Core Barrel/Sample Bag	Gravel Pack Type Silica Sand
Ground Elevation NA	Grout Type Bentonite
Top of Casing Elevation	Depth to Water/Date 16.66 ft btoc / 10 3 22
Logged by B. Bergeron, LHG	Ground Water Elevation/Date 1026.23' NAVD88
Remarks	Drilling Co. Holt Services

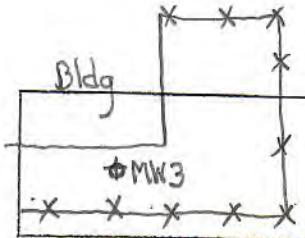
PID (ppm)	Blow Counts	Recovery (%)	Sampling Method	Sample	Depth (ft. BGL.)	U.S.C.S.	Graphic Log	Lithologic Description	Contact Depth
0.3	NA	80	NA					0-0.5': Asphalt	
0.3								0.5-3': Brown SILT, some gravel, firm, damp.	
0.3									
0.6								3-10': Brown sandy, rounded coarse GRAVEL,	
0.7					5			COBBLE @ 10', damp.	5.0
0.3									
0.3									
0.5									
0.3									
0.3					10				10.0
0.3								10-11': PEA GRAVEL, moist	
0.4								11-17': Green-gray-brown, sandy GRAVEL, rounded,	
2.7									
0.2	MW2-9-28-22-13'			X				coarse, dry, loose	
0.5					15				15.0
0									
0.1									
0.3	MW2-9-28-22-18'			X				17-20': DK brn, gravelly SAND, well-graded,	10/3/22
0.1								loose, v. moist - wet.	
0.2					20				20.0
2.1								20-25': SAA	
0.7									
1									
0.6									
4.2					25				25.0
								TD = 25'	
					30				30.0

Well Diagram



0900 13'

0910 18'

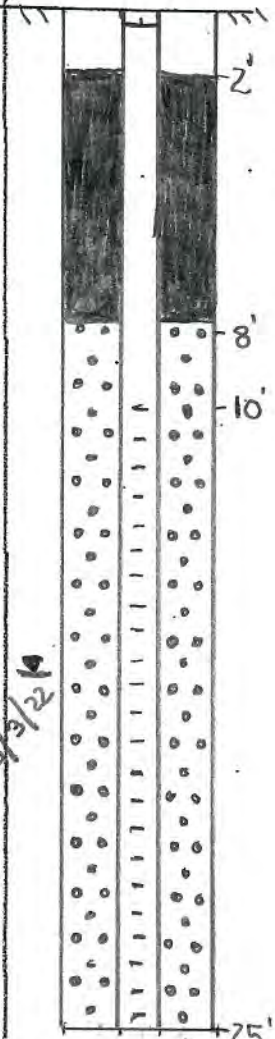


BORING/WELL CONSTRUCTION LOG

Project Number E2022-0805	Boring/Well Number MW 3
Project Name Hahn Motor Company - MW Install	Date Drilled 9/27/22 1020
Location 1201 S. First Street in Yakima, WA	Casing Type/Diameter 6" OD
Drilling Method Sonic	Screen Type/Slot Schedule 40 PVC / 0.010"
Sampling Method Core Barrel/Sample Bag	Gravel Pack Type Silica Sand
Ground Elevation NA	Grout Type Bentonite
Top of Casing Elevation	Depth to Water/Date 16.36 ft btoc / 10 3 22
Logged by B. Bergeron, LHG	Ground Water Elevation/Date 1025.52' NAVD88
Remarks	Drilling Co. Holt Services

PID (ppm)	Blow Counts	Recovery (%)	Sampling Method	Sample	Depth (ft. BGL.)	U.S.C.S	Graphic Log	Lithologic Description	Contact Depth
1.1	NA	100	NA					0-0.5': Asphalt	
2.1								0.5-15': 3/4-Fill	
2.2									
0.4									
0.8					5				5.0
0.6									
0.3									
0.2									
0.2									
0.5					10				10.0
0.3		50							
0.6									
1.2									
1.2									
0.2	MW3-9-27-22-15'			X	15				15.0
0.6		100						15-25': Brown-gray, sandy, rounded GRAVEL, fine- to coarse-, trace silt, loose, moist to v. moist.	
0.4									
0.7									
0.9									
0.6		9/27/22		▼	20				20.0
0.9									
0.8									
1.0									
0.7	MW3-9-27-22-23'			X	25				25.0
0.7								TD=25'	
					30				30.0

Well Diagram MW 3



1105 15'
1110 23'

E. Arlington St.

BORING/WELL CONSTRUCTION LOG

Project Number E2022-0805	Boring/Well Number MW 4
Project Name Hahn Motor Company - MW Install	Date Drilled 9/27/22 1610
Location 1201 S. First Street in Yakima, WA	Casing Type/Diameter 6" OD
Drilling Method Sonic	Screen Type/Slot Schedule 40 PVC / 0.010"
Sampling Method Core Barrel/Sample Bag	Gravel Pack Type Silica Sand
Ground Elevation NA	Grout Type Bentonite
Top of Casing Elevation	Depth to Water/Date 16.19 ft btoc / 10 3 22
Logged by B. Bergeron, LHG	Ground Water Elevation/Date 1024.99' NAVD88
Remarks	Drilling Co. Holt Services

PID (ppm)	Blow Counts	Recovery (%)	Sampling Method	Sample	Depth (ft. BGL.)	U.S.C.S	Graphic Log	Lithologic Description	Contact Depth	Well Diagram
0.5	NA	80	NA					0-0.5': Asphalt		MW4:
0.6								0.5-2': Dark brown SILT, little rounded gravel, firm, damp.		
0.6								2-10': Lt brown, sandy, rounded coarse GRAVEL, loose, dry.		
0.4										
1.3					5					
0.7									5.0	
0.2										
0.2										
0.2										
0.4					10					
1.1		100						10-19': Lt brown-gray SAND & GRAVEL, rounded, coarse, dry, loose		
0.3										
0.8										
0.3										
0.2					15					
1.9									15.0	
0.3	MW4-9/27/22-16'			X					10/3/22 ▼	
0.2										
0.3										
1.8	MW4-9/27/22-20'			X	20			19-20': Brown, loose, sandy, rounded coarse GRAVEL, damp,		
0.1								20-25': Light brown, gravelly SAND, rounded, fine- to coarse, dry, loose.	20.0	
0.3										
0.3										
0.3										
0.3					25					
								TD = 25'	25.0	
					30				30.0	

1710 16'

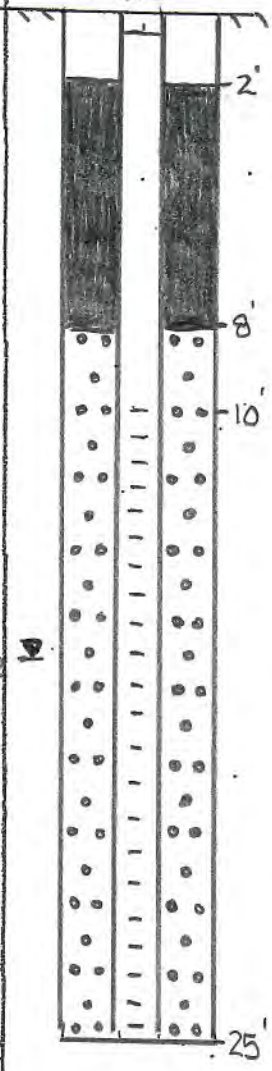
1715 20'

BORING/WELL CONSTRUCTION LOG

Project Number E2022-0805	Boring/Well Number MW5
Project Name Hahn Motor Company - MW Install	Date Drilled 9/27/22 1450
Location 201 S. First Street in Yakima, WA	Casing Type/Diameter 6" OD
Drilling Method Sonic	Screen Type/Slot Schedule 40 PVC / 0.010"
Sampling Method Core Barrel/Sample Bag	Gravel Pack Type Silica Sand
Ground Elevation NA	Grout Type Bentonite
Top of Casing Elevation	Depth to Water/Date 15.94 ft btoc / 10 3 22
Logged by B. Bergeron, LHG	Ground Water Elevation/Date 1024.79' NAVD 88
Remarks	Drilling Co. Holt Services

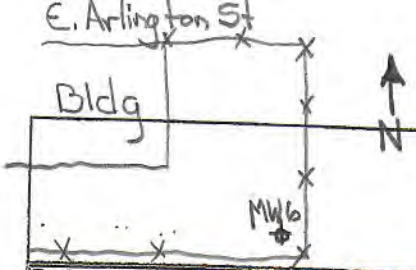
PID (ppm)	Blow Counts	Recovery (%)	Sampling Method	Sample	Depth (ft. BGL)	U.S.C.S	Graphic Log	Lithologic Description	Contact Depth
4.1	NA	75	NA					0-0.5': Asphalt	
0.8								0.5-1': Gray COBBLE, dry, rounded.	
0.6								1-5': Brown, Sandy, rounded coarse GRAVEL, dry, loose.	
1.6									
1.8					5				
1.6								5-20': Gray-brown, SAND & GRAVEL, rounded, coarse, dry, loose.	5.0
1.6									
0.3									
1.4									
1.4					10				
0.2		100							10.0
0.2									
0.1									
0.6									
1.0	MW5-9/27/22-15'			X	15				
0.1									15.0
0.1									10/3/22 ▼
0.2									
0.3									
0.8	MW5-9/27/22-20'	9/27/22 100		X	20				
0.1								20-25': Brown, medium SAND, trace rounded coarse gravel, wet - V. wet, loose, well-sorted.	20.0
0.3									
0.1									
0.1					25				
0.2								TD = 25'	25.0
					30				30.0

Well Diagram



15' 1515

20' 1520



BORING/WELL CONSTRUCTION LOG

Project Number E2022-0805	Boring/Well Number MW6
Project Name Hahn Motor Company - MW Install	Date Drilled 9/27/22 1230
Location 1201 S. First Street in Yakima, WA	Casing Type/Diameter 6" OD
Drilling Method Sonic	Screen Type/Slot Schedule 40 PVC / 0.010"
Sampling Method Core Barrel/Sample Bag	Gravel Pack Type Silica Sand
Ground Elevation NA	Grout Type Bentonite
Top of Casing Elevation	Depth to Water/Date 15.57 ft btoc / 10 3 22
Logged by D. Bergeron, LHG	Ground Water Elevation/Date 1024.49' NAVD88
Remarks	Drilling Co. Holt Services

PID (ppm)	Blow Counts	Recovery (%)	Sampling Method	Sample	Depth (ft. BGL.)	U.S.C.S	Graphic Log	Lithologic Description	Contact Depth	Well Diagram MW6
4.1	NA	100	NA		0			0-0.5': Asphalt		
1.9								0.5-2': Brown SILT, little gravel, damp,		
3.5								2-10': Lt brown, sandy, rounded GRAVEL,		
3.9								fine- to coarse-, dry, loose.		
2.5					5					
0.6									5.0	
2.1										
0.4										
1.8										
2.1					10					
1.2		100						10-15': Gray to light brown GRAVEL, well-rounded,	10.0	
0.6								coarse, little sand, loose, dry.		
0.7										
0.6										
1.4	MW6-9-27-22-15'			X	15					
0.7								15-23': SAA	15.0	
0.7									10/3/22	▼
1.0										
1.3										
2.4					20					
1.4		100							20.0	
0.5	MW6-9-27-22-21'			X						
0.6										
0.3								23-24': Gray, coarse, rounded GRAVEL/COBBLES,		
0.8								little sand, dry, loose,		
					25			24-25': Gray to lt brown, sandy GRAVEL, rounded, coarse, dry.		
								TD = 25'	25.0	
					30				30.0	

2'
8'
10'
25'

15' 1305

21' 1310

APPENDIX C

GROUNDWATER SAMPLING FIELD DATA SHEETS

MONITORING WELL DEVELOPMENT FIELD DATA SHEET

WELL ID: MW-1 Date: ~~9/27/22~~ 10/3/22

Facility Name/Project No.: Hahn Motor Company / E2022-0805

Well Developer/Company: B. Bergeron / BNB Env

Well Depth (TD) below Top of Casing (TOC): 25' Depth to Water (DTW) below TOC: 15.48'

Height of Groundwater Column (H) = TD - DTW (Feet): 9.52' Well Radius [r] (Inches): 1"

2-Inch Diameter Well:	Volume (V) of Groundwater Per Water Column in Gal = [0.163 Gal/Foot] X [H (Feet)] = 1.55
4-Inch Diameter Well:	Volume (V) of Groundwater Per Water Column in Gal = [0.653 Gal/Foot] X [H (Feet)] = NA

Calculated Volume of Groundwater Needed to be Removed (Gal): 15.5

GROUNDWATER PARAMETERS						
Volume Purged (Gal)	pH	Temp (deg C)	Cond (µS)	Turb (ntu)	Comments [i.e., Odor(s), Water Color/Silt Content, Sheen]	DO (mg/L)
1	7.85	18.1	428.1	>1000		
3	8.38	18.0	414.9	>1000		
5	8.24	18.0	401.6	>1000		
7	8.08	17.9	402.9	>1000		
9	8.05	18.0	398.0	>1000		
11	7.98	17.8	395.8	>1000		
13	7.89	17.8	388.4	785.1		
15	7.88	17.8	388.1	232.9		

Actual Volume Purged (Gal) 15 DTW When Well Development Has Ended: 16.68'

NOTES: Developed via peristaltic pump & dedicated tubing

Weather:

Blue Mountain Environmental and Consulting Company, Inc.
PO Box 545/125 Main Street
Waitsburg, WA 99361
509-520-6519

GROUNDWATER SAMPLE FIELD LOG

DAY/DATE: 10/3/22	SHEET 1 of __
PROJECT NAME: 1201 S. 1ST ST YAKIMA	PROJECT NO.: E2022-0885
PROJECT LOCATION: 1201 S. 1ST ST. YAKIMA	

Weather: ☒Fair ☐Overcast ☐Fog ☐Rain ☐Snow	Wind: ☐Calm ☒Light ☐Moderate ☐Strong
Temp.: ☐<0 ☐0-32 ☐33-54 ☒55-79 ☐>80	Wind from: ☐N ☐NE ☐E ☐SE ☐S ☒SW ☐W ☐NW
Humidity %: ☐<25 ☒26-49 ☐50-74 ☐>75	Precip.: ☒None ☐Mist ☐Light ☐Moderate ☐Heavy

WELL NO. (or Boring, Location): MW-1	**SAMPLE NUMBER:** MW1-10-3-22-GW
Well depth: 25 / Screen length: 15'	Laboratory:
Well install date: 9-28-22	COC and/or RFA Number:
Pre-purge SWL: 15.48	Casing diameter: 2"
Time Sample Collected: 1530	SWL at sample time: 16.68'
Sample Turbidity: 232.9	Sample Conductance: 388.1
Sample Color: BROWN	Sample pH: 7.88
Sample Temperature: 17.8	Sample Odor: —

Field Data

Time (24 HR)	Temp	Cond	pH	Pump Rate or Bail No.	Turbidity	Other
1445	18.0	398.0	8.05		>1000	
1503	17.8	395.8	7.98		>1000	
1518	17.8	388.4	7.89		785	
1530	17.8	388.1	7.88		232.9	

Sample Collection Method:

The monitor well was purged:

☒ of stagnant water in the casing and filter by slowly setting a pump or intake tubing within the approximate middle of the screened interval or slightly above the middle until the until the temperature, conductivity and pH stabilized. OR,

☐ of stagnant water in the casing and filter by slowly setting a pump or intake tubing at approximately _____ feet above the bottom of the casing until the temperature, conductivity and pH stabilized. OR,

☐ by hand bailing until temperature, conductivity and pH stabilized.

Samples were collected:

☒ by setting a pump, or tubing attached to a pump, within the approximate middle of the screened interval until the temperature, conductivity and pH stabilized.

☐ by setting a pump, or tubing attached to a pump, at approximately _____ feet above the bottom of the casing until the temperature, conductivity and pH stabilized.

☐ with disposable bailers until the temperature, conductivity and pH stabilized.

Sample Shipment:

Water samples were placed in appropriate containers suitable for analyses requested. As necessary, the containers were prepared by the lab. The containers were filled to prevent air-entrapment, sealed, labeled, and placed in an ice chest at approximately 4°C (e.g. blu-ice) for transport to the laboratory.

Analysis Requested: (per laboratory protocols)

☐ NWTPH-HCID; ☒ NWTPH-Gx; ☒ NWTPH-Dx; ☐ NWTPH-Gx/BTEX; ☒ VOC; ☐ HVOC;

☐ SemiVOC; ☐ PAH; ☐ PCB; ☐ Pesticides; (☒8, ☐10, ☐13) Metals; ☐ TCLP; ☐ MTBE;

☒ OTHER: EDB

SIGNATURE: _____

PRINT NAME: NANCY MEYER

Notes: 2-inch, Schedule 40 PVC casing = 0.163 gallons per foot; 6" Hole = 1.469 gallons per foot

MONITORING WELL DEVELOPMENT FIELD DATA SHEET

WELL ID: MW-2 Date: ~~9/27/22~~ 10/3/22

Facility Name/Project No.: Hahn Motor Company / E2022-0805

Well Developer/Company: B. Bergeron / BNB Env

Well Depth (TD) below Top of Casing (TOC): 25' Depth to Water (DTW) below TOC: 16.66

Height of Groundwater Column (H) = TD - DTW (Feet): 8.44 Well Radius [r] (Inches): 1"

2-Inch Diameter Well:	Volume (V) of Groundwater Per Water Column in Gal = [0.163 Gal/Foot] X [H (Feet)] = 1.37
4-Inch Diameter Well:	Volume (V) of Groundwater Per Water Column in Gal = [0.653 Gal/Foot] X [H (Feet)] = NA

Calculated Volume of Groundwater Needed to be Removed (Gal): 13.7

GROUNDWATER PARAMETERS

Volume Purged (Gal)	pH	Temp (deg C)	Cond (µS)	Turb (ntu)	Comments [i.e., Odor(s), Water Color/Silt Content, Sheen]	DO (mg/L)
1	7.81	17.6	470.1	>1000		
~~3~~	8.00	17.5	452.5	>1000		
5	8.11	17.5	443.7	>1000		
7	8.05	17.5	434.0	>1000		
9	8.02	17.4	429.8	>1000		
11	8.02	17.4	427.5	>1000		
13	7.94	17.4	427.2	931.8		
15	7.80	17.4	417.1	447.0		

Actual Volume Purged (Gal) 15 DTW When Well Development Has Ended: 17.26'

NOTES: Developed via peristaltic pump & dedicated tubing

Weather:

Blue Mountain Environmental and Consulting Company, Inc.
PO Box 545/125 Main Street
Waitsburg, WA 99361
509-520-6519

GROUNDWATER SAMPLE FIELD LOG

DAY/DATE: 10/3/22	SHEET 1 of
PROJECT NAME: 1201 S. 1ST ST YAKIMA	PROJECT NO.: E2022-0005
PROJECT LOCATION: 1201 S. 1ST ST. YAKIMA	

Weather: ☒Fair ☐Overcast ☐Fog ☐Rain ☐Snow	Wind: ☐Calm ☒Light ☐Moderate ☐Strong
Temp.: ☐<0 ☐0-32 ☐33-54 ☒55-79 ☐>80	Wind from: ☐N ☐NE ☐E ☐SE ☐S ☒SW ☐W ☐NW
Humidity %: ☐<25 ☒26-49 ☐50-74 ☐>75	Precip.: ☒None ☐Mist ☐Light ☐Moderate ☐Heavy

WELL NO. (or Boring, Location): MW2	**SAMPLE NUMBER:** MW2-10-3-22-GW
Well depth: 25 / Screen length: 15	Laboratory:
Well install date: 9-28-22	COC and/or RFA Number:
Pre-purge SWL: 16.66	Casing diameter: 2"
Time Sample Collected: 1620	SWL at sample time: 17.26
Sample Turbidity: 447.0	Sample Conductance: 417.1
Sample Color: BROWN	Sample pH: 7.80
Sample Temperature: 17.4	Sample Odor: —

Field Data

Time (24 HR)	Temp	Cond	pH	Pump Rate or Bail No.	Turbidity	Other
1540	17.4	429.8	8.02		>1000	
1555	17.4	427.5	8.02		>1000	
1610	17.4	427.2	7.94		931.8	
1620	17.4	417.1	7.80		447.0	

Sample Collection Method:

The monitor well was purged:

☒ of stagnant water in the casing and filter by slowly setting a pump or intake tubing within the approximate middle of the screened interval or slightly above the middle until the until the temperature, conductivity and pH stabilized. OR,

☐ of stagnant water in the casing and filter by slowly setting a pump or intake tubing at approximately _____ feet above the bottom of the casing until the temperature, conductivity and pH stabilized. OR,

☐ by hand bailing until temperature, conductivity and pH stabilized.

Samples were collected:

☒ by setting a pump, or tubing attached to a pump, within the approximate middle of the screened interval until the temperature, conductivity and pH stabilized.

☐ by setting a pump, or tubing attached to a pump, at approximately _____ feet above the bottom of the casing until the temperature, conductivity and pH stabilized.

☐ with disposable bailers until the temperature, conductivity and pH stabilized.

Sample Shipment:

Water samples were placed in appropriate containers suitable for analyses requested. As necessary, the containers were prepared by the lab. The containers were filled to prevent air-entrapment, sealed, labeled, and placed in an ice chest at approximately 4°C (e.g. blu-ice) for transport to the laboratory.

Analysis Requested: (per laboratory protocols)

☐ NWTPH-HCID; ☒ NWTPH-Gx; ☒ NWTPH-Dx; ☐ NWTPH-Gx/BTEX; ☒ VOC; ☐ HVOC;

☐ SemiVOC; ☐ PAH; ☐ PCB; ☐ Pesticides; (☒8, ☐10, ☐13) Metals; ☐ TCLP; ☐ MTBE;

☒ OTHER: EDB

SIGNATURE: _____

PRINT NAME: NANCY MEYER

Notes: 2-inch, Schedule 40 PVC casing = 0.163 gallons per foot; 6" Hole = 1.469 gallons per foot

MONITORING WELL DEVELOPMENT FIELD DATA SHEET

WELL ID: MW13 Date: ~~9/27/22~~ 10/3/22

Facility Name/Project No.: Hahn Motor Company / E2022-0805

Well Developer/Company: B. Bergeron / BNB Env

Well Depth (TD) below Top of Casing (TOC): 25' Depth to Water (DTW) below TOC: 16.36

Height of Groundwater Column (H) = TD - DTW (Feet): 8.64 Well Radius [r] (Inches): 1"

2-Inch Diameter Well:	Volume (V) of Groundwater Per Water Column in Gal = [0.163 Gal/Foot] X [H (Feet)] = ~~1.40~~ 1.40
4-Inch Diameter Well:	Volume (V) of Groundwater Per Water Column in Gal = [0.653 Gal/Foot] X [H (Feet)] = NA

Calculated Volume of Groundwater Needed to be Removed (Gal): 14.0

GROUNDWATER PARAMETERS						
Volume Purged (Gal)	pH	Temp (deg C)	Cond (µS)	Turb (ntu)	Comments [i.e., Odor(s), Water Color/Silt Content, Sheen]	DO (mg/L)
1	7.41	18.5	479.0	>1000		
3	7.48	18.3	440.6	>1000		
5	7.18	18.4	432.5	>1000		
7	7.41	18.5	432.3	>1000		
9	7.34	18.5	442.0	>1000		
11	7.47	18.3	432.7	>1000		
13	7.16	18.4	414.3	567.3		
15	7.19	18.4	415.9	322.6		

Actual Volume Purged (Gal) 15 DTW When Well Development Has Ended: 16.37

NOTES: Developed via peristaltic pump & dedicated tubing

Weather:

Blue Mountain Environmental and Consulting Company, Inc.
PO Box 545/125 Main Street
Waitsburg, WA 99361
509-520-6519

GROUNDWATER SAMPLE FIELD LOG

DAY/DATE: 10/3/22	SHEET 1 of
PROJECT NAME: 1201 S. 1ST ST YAKIMA	PROJECT NO.: E2022-0005
PROJECT LOCATION: 1201 S. 1ST ST. YAKIMA	

Weather: ☒Fair ☐Overcast ☐Fog ☐Rain ☐Snow
Temp.: ☐<0 ☐0-32 ☐33-54 ☒55-79 ☐>80
Humidity %: ☐<25 ☒26-49 ☐50-74 ☐>75

Wind: ☐Calm ☒Light ☐Moderate ☐Strong
Wind from: ☐N ☐NE ☐E ☐SE ☐S ☒SW ☐W ☐NW
Precip.: ☒None ☐Mist ☐Light ☐Moderate ☐Heavy

WELL NO. (or Boring, Location): MW3	**SAMPLE NUMBER:** MW3-10-3-22-GW
Well depth: 25 / Screen length: 15	Laboratory:
Well install date: 9-27-22	COC and/or RFA Number:
Pre-purge SWL: 16.36	Casing diameter: 2"
Time Sample Collected: 1000	SWL at sample time: 16.37
Sample Turbidity: 322.6	Sample Conductance: 415.9
Sample Color: BROWN	Sample pH: 7.19
Sample Temperature: 18.4	Sample Odor: —

Field Data

Time (24 HR)	Temp	Cond	pH	Pump Rate or Bail No.	Turbidity	Other
0920	18.5	442.0	7.34		>1000	
0939	18.3	432.7	7.47		>1000	
0950	18.4	414.3	7.16		567.3	
1000	18.4	415.9	7.19		322.6	

Sample Collection Method:

The monitor well was purged:

☒ of stagnant water in the casing and filter by slowly setting a pump or intake tubing within the approximate middle of the screened interval or slightly above the middle until the until the temperature, conductivity and pH stabilized. OR,

☐ of stagnant water in the casing and filter by slowly setting a pump or intake tubing at approximately _____ feet above the bottom of the casing until the temperature, conductivity and pH stabilized. OR,

☐ by hand bailing until temperature, conductivity and pH stabilized.

Samples were collected:

☒ by setting a pump, or tubing attached to a pump, within the approximate middle of the screened interval until the temperature, conductivity and pH stabilized.

☐ by setting a pump, or tubing attached to a pump, at approximately _____ feet above the bottom of the casing until the temperature, conductivity and pH stabilized.

☐ with disposable bailers until the temperature, conductivity and pH stabilized.

Sample Shipment:

Water samples were placed in appropriate containers suitable for analyses requested. As necessary, the containers were prepared by the lab. The containers were filled to prevent air-entrapment, sealed, labeled, and placed in an ice chest at approximately 4°C (e.g. blu-ice) for transport to the laboratory.

Analysis Requested: (per laboratory protocols)

☐ NWTPH-HCID; ☒ NWTPH-Gx; ☒ NWTPH-Dx; ☐ NWTPH-Gx/BTEX; ☒ VOC; ☐ HVOC;
☐ SemiVOC; ☐ PAH; ☐ PCB; ☐ Pesticides; (☒8, ☐10, ☐13) Metals; ☐ TCLP; ☐ MTBE;
☒ OTHER: EDB

SIGNATURE: _____

PRINT NAME: NANCY MEYER

Notes: 2-inch, Schedule 40 PVC casing = 0.163 gallons per foot; 6" Hole = 1.469 gallons per foot

MONITORING WELL DEVELOPMENT FIELD DATA SHEET

WELL ID: MW-4 Date: ~~9/27/22~~ 10/3/22

Facility Name/Project No.: Hahn Motor Company / E2022-0805

Well Developer/Company: B. Bergeron / BNB Env

Well Depth (TD) below Top of Casing (TOC): 25 Depth to Water (DTW) below TOC: 16.14

Height of Groundwater Column (H) = TD - DTW (Feet): 8.86 Well Radius [r] (Inches): 1"

2-Inch Diameter Well:	Volume (V) of Groundwater Per Water Column in Gal = [0.163 Gal/Foot] X [H (Feet)] = 1.44
4-Inch Diameter Well:	Volume (V) of Groundwater Per Water Column in Gal = [0.653 Gal/Foot] X [H (Feet)] = NA

Calculated Volume of Groundwater Needed to be Removed (Gal): 14.4

GROUNDWATER PARAMETERS						
Volume Purged (Gal)	pH	Temp (deg C)	Cond (µS)	Turb (ntu)	Comments [i.e., Odor(s), Water Color/Silt Content, Sheen]	DO (mg/L)
1	7.62	19.1	437.3	>1000		
3	7.61	19.2	431.1	>1000		
5	7.43	18.6	413.9	>1000		
7	7.44	18.4	419.5	>1000		
9	7.36	18.5	408.1	>1000		
11	7.32	18.4	410.5	>1000		
13	7.22	18.5	406.7	949.6		
15	7.22	18.5	406.3	920.2		

Actual Volume Purged (Gal) 15 DTW When Well Development Has Ended: 16.21'

NOTES: Developed via peristaltic pump & dedicated tubing

Weather:

Blue Mountain Environmental and Consulting Company, Inc.
PO Box 545/125 Main Street
Waitsburg, WA 99361
509-520-6519

GROUNDWATER SAMPLE FIELD LOG

DAY/DATE: 10/3/22	SHEET 1 of
PROJECT NAME: 1201 S. 1ST ST YAKIMA	PROJECT NO.: E2022-0885
PROJECT LOCATION: 1201 S. 1ST ST. YAKIMA	

Weather: ☒Fair ☐Overcast ☐Fog ☐Rain ☐Snow	Wind: ☐Calm ☒Light ☐Moderate ☐Strong
Temp.: ☐<0 ☐0-32 ☐33-54 ☒55-79 ☐>80	Wind from: ☐N ☐NE ☐E ☐SE ☐S ☒SW ☐W ☐NW
Humidity %: ☐<25 ☒26-49 ☐50-74 ☐>75	Precip.: ☒None ☐Mist ☐Light ☐Moderate ☐Heavy

WELL NO. (or Boring, Location): MW-4	**SAMPLE NUMBER:** MW4-10-3-22-Gal
Well depth: 25 Screen length: 15	Laboratory:
Well install date: 9-27-22	COC and/or RFA Number:
Pre-purge SWL: 16.14	Casing diameter: 2"
Time Sample Collected: 1430	SWL at sample time: 16.21
Sample Turbidity: 920.2	Sample Conductance: 406.3
Sample Color: BROWN	Sample pH: 7.22
Sample Temperature: 18.5	Sample Odor: —

Field Data

Time (24 HR)	~~Temp~~ pH	~~Cond~~ TEMP	~~pH~~ COND	Pump Rate or Bail No.	Turbidity	Other
1340	7.36	18.5	408.1		>1000	
1355	7.32	18.4	410.5		>1000	
1415	7.22	18.5	406.7		949.6	
1430	7.22	18.5	406.3		920.2	

Sample Collection Method:

The monitor well was purged:

☒ of stagnant water in the casing and filter by slowly setting a pump or intake tubing within the approximate middle of the screened interval or slightly above the middle until the until the temperature, conductivity and pH stabilized. OR,

☐ of stagnant water in the casing and filter by slowly setting a pump or intake tubing at approximately _____ feet above the bottom of the casing until the temperature, conductivity and pH stabilized. OR,

☐ by hand bailing until temperature, conductivity and pH stabilized.

Samples were collected:

☒ by setting a pump, or tubing attached to a pump, within the approximate middle of the screened interval until the temperature, conductivity and pH stabilized.

☐ by setting a pump, or tubing attached to a pump, at approximately _____ feet above the bottom of the casing until the temperature, conductivity and pH stabilized.

☐ with disposable bailers until the temperature, conductivity and pH stabilized.

Sample Shipment:

Water samples were placed in appropriate containers suitable for analyses requested. As necessary, the containers were prepared by the lab. The containers were filled to prevent air-entrapment, sealed, labeled, and placed in an ice chest at approximately 4°C (e.g. blu-ice) for transport to the laboratory.

Analysis Requested: (per laboratory protocols)

☐ NWTPH-HCID; ☒ NWTPH-Gx; ☒ NWTPH-Dx; ☐ NWTPH-Gx/BTEX; ☒ VOC; ☐ HVOC;

☐ SemiVOC; ☐ PAH; ☐ PCB; ☐ Pesticides; (☒8, ☐10, ☐13) Metals; ☐ TCLP; ☐ MTBE;

☒ OTHER: EDB

SIGNATURE: _____

PRINT NAME: NANCY MEYER

Notes: 2-inch, Schedule 40 PVC casing = 0.163 gallons per foot; 6" Hole = 1.469 gallons per foot

MONITORING WELL DEVELOPMENT FIELD DATA SHEET

WELL ID: MW-5 Date: ~~9/27/22~~ 10/3/22

Facility Name/Project No.: Hahn Motor Company / E2022-0805

Well Developer/Company: B. Bergeron / BNB Env

Well Depth (TD) below Top of Casing (TOC): 25' Depth to Water (DTW) below TOC: 15.94'

Height of Groundwater Column (H) = TD - DTW (Feet): 9.06 Well Radius [r] (Inches): 1"

2-Inch Diameter Well:	Volume (V) of Groundwater Per Water Column in Gal = [0.163 Gal/Foot] X [H (Feet)] = 1.48
4-Inch Diameter Well:	Volume (V) of Groundwater Per Water Column in Gal = [0.653 Gal/Foot] X [H (Feet)] = NA

Calculated Volume of Groundwater Needed to be Removed (Gal): 14.8

GROUNDWATER PARAMETERS						
Volume Purged (Gal)	pH	Temp (deg C)	Cond (µS)	Turb (ntu)	Comments [i.e., Odor(s), Water Color/Silt Content, Sheen]	DO (mg/L)
1	8.72	18.8	434.6	>1000		
3	8.49	18.5	419.5	>1000		
5	8.20	18.3	404.2	>1000		
7	8.31	18.3	400.5	>1000		
9	8.18	18.2	397.3	>1000		
11	8.15	18.3	393.4	>1000		
13	7.99	18.4	393.0	878.0		
15	7.83	18.4	392.9	589.3		

Actual Volume Purged (Gal) 15 DTW When Well Development Has Ended: 16.09

NOTES: Developed via peristaltic pump & dedicated tubing

Weather:

Blue Mountain Environmental and Consulting Company, Inc.
PO Box 545/125 Main Street
Waitsburg, WA 99361
509-520-6519

GROUNDWATER SAMPLE FIELD LOG

DAY/DATE: 10/3/22	SHEET 1 of
PROJECT NAME: 1201 S. 1ST ST YAKIMA	PROJECT NO.: E2022-0805
PROJECT LOCATION: 1201 S. 1ST ST. YAKIMA	

Weather: ☒Fair ☐Overcast ☐Fog ☐Rain ☐Snow
Temp.: ☐<0 ☐0-32 ☐33-54 ☒55-79 ☐>80
Humidity %: ☐<25 ☒26-49 ☐50-74 ☐>75

Wind: ☐Calm ☒Light ☐Moderate ☐Strong
Wind from: ☐N ☐NE ☐E ☐SE ☐S ☒SW ☐W ☐NW
Precip.: ☒None ☐Mist ☐Light ☐Moderate ☐Heavy

WELL NO. (or Boring, Location): MW-5	**SAMPLE NUMBER:** MW5-10-3-22-GW
Well depth: 25 Screen length: 15	Laboratory:
Well install date: 9-27-22	COC and/or RFA Number:
Pre-purge SWL: 15.94'	Casing diameter: 2"
Time Sample Collected: 1320	SWL at sample time: 16.09'
Sample Turbidity: 589.3	Sample Conductance: 392.9
Sample Color: BROWN	Sample pH: 7.83
Sample Temperature: 18.4	Sample Odor: —

Field Data

Time (24 HR)	Temp	Cond	pH	Pump Rate or Bail No.	Turbidity	Other
1135	18.2	397.3	8.18		>1000	
1155	18.3	393.4	8.15		>1000	
1310	18.4	393.0	7.99		878.0	
1320	18.4	392.9	7.83		589.3	

Sample Collection Method:

The monitor well was purged:

☒ of stagnant water in the casing and filter by slowly setting a pump or intake tubing within the approximate middle of the screened interval or slightly above the middle until the until the temperature, conductivity and pH stabilized. OR,

☐ of stagnant water in the casing and filter by slowly setting a pump or intake tubing at approximately _____ feet above the bottom of the casing until the temperature, conductivity and pH stabilized. OR,

☐ by hand bailing until temperature, conductivity and pH stabilized.

Samples were collected:

☒ by setting a pump, or tubing attached to a pump, within the approximate middle of the screened interval until the temperature, conductivity and pH stabilized.

☐ by setting a pump, or tubing attached to a pump, at approximately _____ feet above the bottom of the casing until the temperature, conductivity and pH stabilized.

☐ with disposable bailers until the temperature, conductivity and pH stabilized.

Sample Shipment:

Water samples were placed in appropriate containers suitable for analyses requested. As necessary, the containers were prepared by the lab. The containers were filled to prevent air-entrapment, sealed, labeled, and placed in an ice chest at approximately 4°C (e.g. blu-ice) for transport to the laboratory.

Analysis Requested: (per laboratory protocols)

☐ NWTPH-HCID; ☒ NWTPH-Gx; ☒ NWTPH-Dx; ☐ NWTPH-Gx/BTEX; ☒ VOC; ☐ HVOC;
☐ SemiVOC; ☐ PAH; ☐ PCB; ☐ Pesticides; (☒8, ☐10, ☐13) Metals; ☐ TCLP; ☐ MTBE;
☒ OTHER: EDB

SIGNATURE: _____

PRINT NAME: NANCY MEYER

Notes: 2-inch, Schedule 40 PVC casing = 0.163 gallons per foot; 6" Hole = 1.469 gallons per foot

MONITORING WELL DEVELOPMENT FIELD DATA SHEET

WELL ID: MW6 Date: ~~9/27/22~~ 10/3/22

Facility Name/Project No.: Hahn Motor Company / E2022-0805

Well Developer/Company: B. Bergeron / BNB Env

Well Depth (TD) below Top of Casing (TOC): 25 Depth to Water (DTW) below TOC: 15.57'

Height of Groundwater Column (H) = TD - DTW (Feet): 9.43 Well Radius [r] (Inches): 1"

2-Inch Diameter Well:	Volume (V) of Groundwater Per Water Column in Gal = [0.163 Gal/Foot] X [H (Feet)] = 1.54
4-Inch Diameter Well:	Volume (V) of Groundwater Per Water Column in Gal = [0.653 Gal/Foot] X [H (Feet)] = NA

Calculated Volume of Groundwater Needed to be Removed (Gal): 15.4

GROUNDWATER PARAMETERS						
Volume Purged (Gal)	pH	Temp (deg C)	Cond (µS)	Turb (ntu)	Comments [i.e., Odor(s), Water Color/Silt Content, Sheen]	DO (mg/L)
1	7.60	18.2	434.7	>1000		
3	7.98	18.1	421.5	>1000		
5	7.64	18.2	417.1	>1000		
7	7.47	18.3	417.4	>1000		
9	7.57	18.2	414.3	>1000		
11	7.37	18.3	407.3	>1000		
13	7.48	18.2	402.8	343.8		
15	7.48	18.2	403.8	271.1		

Actual Volume Purged (Gal) 15 DTW When Well Development Has Ended: 15.69'

NOTES: Developed via peristaltic pump & dedicated tubing

Weather:

Blue Mountain Environmental and Consulting Company, Inc.
PO Box 545/125 Main Street
Waitsburg, WA 99361
509-520-6519

GROUNDWATER SAMPLE FIELD LOG

DAY/DATE: 10/3/22	SHEET 1 of
PROJECT NAME: 1201 S. 1ST ST YAKIMA	PROJECT NO.: E2022-0805
PROJECT LOCATION: 1201 S. 1ST ST. YAKIMA	

Weather: ☒Fair ☐Overcast ☐Fog ☐Rain ☐Snow
Temp.: ☐<0 ☐0-32 ☐33-54 ☒55-79 ☐>80
Humidity %: ☐<25 ☒26-49 ☐50-74 ☐>75

Wind: ☐Calm ☒Light ☐Moderate ☐Strong
Wind from: ☐N ☐NE ☐E ☐SE ☐S ☒SW ☐W ☐NW
Precip.: ☒None ☐Mist ☐Light ☐Moderate ☐Heavy

WELL NO. (or Boring, Location): MW6	**SAMPLE NUMBER:** MW6-10-3-22-GW
Well depth: 25' Screen length: 15'	Laboratory:
Well install date: 9-27-22	COC and/or RFA Number:
Pre-purge SWL: 15.57'	Casing diameter: 2"
Time Sample Collected: 1120	SWL at sample time: 15.69
Sample Turbidity: 271.1	Sample Conductance: 403.8
Sample Color: BROWN	Sample pH: 7.48
Sample Temperature: 18.2	Sample Odor: —

Field Data

Time (24 HR)	Temp	Cond	pH	Pump Rate or Bail No.	Turbidity	Other
1020	18.2	414.3	7.57		>1000	
1050	18.3	407.3	7.37		>1000	
1110	18.2	407.8	7.48		343.8	
1120	18.2	403.8	7.48		271.1	

Sample Collection Method:

The monitor well was purged:

☒ of stagnant water in the casing and filter by slowly setting a pump or intake tubing within the approximate middle of the screened interval or slightly above the middle until the until the temperature, conductivity and pH stabilized. OR,

☐ of stagnant water in the casing and filter by slowly setting a pump or intake tubing at approximately _____ feet above the bottom of the casing until the temperature, conductivity and pH stabilized. OR,

☐ by hand bailing until temperature, conductivity and pH stabilized.

Samples were collected:

☒ by setting a pump, or tubing attached to a pump, within the approximate middle of the screened interval until the temperature, conductivity and pH stabilized.

☐ by setting a pump, or tubing attached to a pump, at approximately _____ feet above the bottom of the casing until the temperature, conductivity and pH stabilized.

☐ with disposable bailers until the temperature, conductivity and pH stabilized.

Sample Shipment:

Water samples were placed in appropriate containers suitable for analyses requested. As necessary, the containers were prepared by the lab. The containers were filled to prevent air-entrapment, sealed, labeled, and placed in an ice chest at approximately 4°C (e.g. blu-ice) for transport to the laboratory.

Analysis Requested: (per laboratory protocols)

☐ NWTPH-HCID; ☒ NWTPH-Gx; ☒ NWTPH-Dx; ☐ NWTPH-Gx/BTEX; ☒ VOC; ☐ HVOC;
☐ SemiVOC; ☐ PAH; ☐ PCB; ☐ Pesticides; (☒8, ☐10, ☐13) Metals; ☐ TCLP; ☐ MTBE;
☒ OTHER: EDB

SIGNATURE: _____

PRINT NAME: NANCY MEYER

Notes: 2-inch, Schedule 40 PVC casing = 0.163 gallons per foot; 6" Hole = 1.469 gallons per foot

APPENDIX D

LABORATORY ANALYTICAL DOCUMENTATION

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 10, 2022

Peter Trabusiner
Blue Mountain Environmental, Inc.
1500 Adair Drive
Richland, WA 99352

Re: Analytical Data for Project E2022/0805; 1201 S. 1st St Yakima
Laboratory Reference No. 2209-309

Dear Peter:

Enclosed are the analytical results and associated quality control data for samples submitted on September 29, 2022.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: October 10, 2022
Samples Submitted: September 29, 2022
Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

Case Narrative

Samples were collected on September 27 and 28, 2022 and received by the laboratory on September 29, 2022. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Volatiles EPA 8260D Analysis

The percent recovery for Chloroethane is outside the control limits in the Spike Blank and Spike Blank Duplicate. The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

Sodium Bisulfate preservation has been proven to increase the frequency of detection and the concentration of Acetone and 2-Butanone due in part to chemical reactions in the sample. If Acetone is a potential site contaminant, Sodium Bisulfate should not be used.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: October 10, 2022
Samples Submitted: September 29, 2022
Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW3-9-27-22-15'**					
Laboratory ID:	09-309-01					
Gasoline	**ND**	5.5	NWTPH-Gx	10-3-22	10-5-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*112*	*69-130*				
Client ID:	**MW3-9-27-22-23'**					
Laboratory ID:	09-309-02					
Gasoline	**ND**	6.0	NWTPH-Gx	10-3-22	10-3-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*114*	*69-130*				
Client ID:	**MW6-9-27-22-15'**					
Laboratory ID:	09-309-03					
Gasoline	**ND**	5.1	NWTPH-Gx	10-3-22	10-3-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*107*	*69-130*				
Client ID:	**MW6-9-27-22-21'**					
Laboratory ID:	09-309-04					
Gasoline	**ND**	5.5	NWTPH-Gx	10-3-22	10-3-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*111*	*69-130*				
Client ID:	**MW5-9-27-22-15'**					
Laboratory ID:	09-309-05					
Gasoline	**ND**	4.7	NWTPH-Gx	10-3-22	10-3-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*109*	*69-130*				
Client ID:	**MW5-9-27-22-20'**					
Laboratory ID:	09-309-06					
Gasoline	**ND**	4.5	NWTPH-Gx	10-3-22	10-3-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*115*	*69-130*				
Client ID:	**MW4-9-27-22-16'**					
Laboratory ID:	09-309-07					
Gasoline	**ND**	5.1	NWTPH-Gx	10-3-22	10-3-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*109*	*69-130*				

Date of Report: October 10, 2022
Samples Submitted: September 29, 2022
Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW4-9-27-22-20'**					
Laboratory ID:	09-309-08					
Gasoline	**ND**	5.0	NWTPH-Gx	10-3-22	10-5-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*111*	*69-130*				
Client ID:	**MW2-9-28-22-13'**					
Laboratory ID:	09-309-09					
Gasoline	**ND**	5.0	NWTPH-Gx	10-3-22	10-5-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*113*	*69-130*				
Client ID:	**MW2-9-28-22-18'**					
Laboratory ID:	09-309-10					
Gasoline	**ND**	5.8	NWTPH-Gx	10-3-22	10-5-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*108*	*69-130*				
Client ID:	**MW1-9-28-22-10'**					
Laboratory ID:	09-309-11					
Gasoline	**ND**	5.2	NWTPH-Gx	10-3-22	10-5-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*116*	*69-130*				
Client ID:	**MW1-9-28-22-19'**					
Laboratory ID:	09-309-12					
Gasoline	**ND**	5.7	NWTPH-Gx	10-3-22	10-5-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*112*	*69-130*				

Date of Report: October 10, 2022
Samples Submitted: September 29, 2022
Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Soil
Units: mg/kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1003S1					
Gasoline	**ND**	5.0	NWTPH-Gx	10-3-22	10-3-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*97*	*69-130*				
Laboratory ID:	MB1003S2					
Gasoline	**ND**	5.0	NWTPH-Gx	10-3-22	10-3-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*102*	*69-130*				

Analyte	Result		Spike Level	Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE									
Laboratory ID:	09-309-01								
	ORIG	DUP							
Gasoline	**ND**	**ND**	NA	NA	NA	NA	NA	30	
Surrogate:									
Fluorobenzene					*112* *98*	*69-130*			
Laboratory ID:	09-309-02								
	ORIG	DUP							
Gasoline	**ND**	**ND**	NA	NA	NA	NA	NA	30	
Surrogate:									
Fluorobenzene					*114* *101*	*69-130*			

Date of Report: October 10, 2022
Samples Submitted: September 29, 2022
Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW3-9-27-22-15'**					
Laboratory ID:	09-309-01					
Diesel Range Organics	**76**	26	NWTPH-Dx	9-30-22	10-3-22	
Lube Oil	**300**	53	NWTPH-Dx	9-30-22	10-3-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*95*	*50-150*				
Client ID:	**MW3-9-27-22-23'**					
Laboratory ID:	09-309-02					
Diesel Range Organics	**ND**	27	NWTPH-Dx	9-30-22	9-30-22	
Lube Oil Range Organics	**ND**	54	NWTPH-Dx	9-30-22	9-30-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*111*	*50-150*				
Client ID:	**MW6-9-27-22-15'**					
Laboratory ID:	09-309-03					
Diesel Range Organics	**ND**	26	NWTPH-Dx	9-30-22	9-30-22	
Lube Oil Range Organics	**ND**	52	NWTPH-Dx	9-30-22	9-30-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*100*	*50-150*				
Client ID:	**MW6-9-27-22-21'**					
Laboratory ID:	09-309-04					
Diesel Range Organics	**ND**	37	NWTPH-Dx	9-30-22	10-1-22	U1
Lube Oil	**1000**	51	NWTPH-Dx	9-30-22	10-1-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*88*	*50-150*				
Client ID:	**MW5-9-27-22-15'**					
Laboratory ID:	09-309-05					
Diesel Range Organics	**ND**	26	NWTPH-Dx	9-30-22	10-1-22	
Lube Oil Range Organics	**ND**	51	NWTPH-Dx	9-30-22	10-1-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*97*	*50-150*				
Client ID:	**MW5-9-27-22-20'**					
Laboratory ID:	09-309-06					
Diesel Range Organics	**ND**	27	NWTPH-Dx	9-30-22	9-30-22	
Lube Oil Range Organics	**ND**	54	NWTPH-Dx	9-30-22	9-30-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*87*	*50-150*				

Date of Report: October 10, 2022
Samples Submitted: September 29, 2022
Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW4-9-27-22-16'**					
Laboratory ID:	09-309-07					
Diesel Range Organics	**ND**	26	NWTPH-Dx	9-30-22	9-30-22	
Lube Oil Range Organics	**ND**	52	NWTPH-Dx	9-30-22	9-30-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*105*	*50-150*				
Client ID:	**MW4-9-27-22-20'**					
Laboratory ID:	09-309-08					
Diesel Range Organics	**ND**	26	NWTPH-Dx	9-30-22	9-30-22	
Lube Oil Range Organics	**ND**	53	NWTPH-Dx	9-30-22	9-30-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*100*	*50-150*				
Client ID:	**MW2-9-28-22-13'**					
Laboratory ID:	09-309-09					
Diesel Range Organics	**ND**	58	NWTPH-Dx	9-30-22	10-1-22	U1
Lube Oil	**660**	52	NWTPH-Dx	9-30-22	10-1-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*95*	*50-150*				
Client ID:	**MW2-9-28-22-18'**					
Laboratory ID:	09-309-10					
Diesel Range Organics	**ND**	28	NWTPH-Dx	9-30-22	9-30-22	
Lube Oil Range Organics	**ND**	55	NWTPH-Dx	9-30-22	9-30-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*116*	*50-150*				
Client ID:	**MW1-9-28-22-10'**					
Laboratory ID:	09-309-11					
Diesel Range Organics	**ND**	26	NWTPH-Dx	9-30-22	10-1-22	
Lube Oil Range Organics	**ND**	52	NWTPH-Dx	9-30-22	10-1-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*94*	*50-150*				
Client ID:	**MW1-9-28-22-19'**					
Laboratory ID:	09-309-12					
Diesel Range Organics	**ND**	27	NWTPH-Dx	9-30-22	10-7-22	
Lube Oil Range Organics	**ND**	54	NWTPH-Dx	9-30-22	10-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*88*	*50-150*				

Date of Report: October 10, 2022
Samples Submitted: September 29, 2022
Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0930S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	9-30-22	9-30-22	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	9-30-22	9-30-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*86*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-274-01										
	ORIG	DUP									
Diesel Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Surrogate:											
o-Terphenyl						*78*	*76*	*50-150*			
Laboratory ID:	09-274-02										
	ORIG	DUP									
Diesel Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Lube Oil Range	**ND**	**ND**	NA	NA		NA		NA	NA	NA	
Surrogate:											
o-Terphenyl						*93*	*92*	*50-150*			

Date of Report: October 10, 2022
Samples Submitted: September 29, 2022
Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

VOLATILE ORGANICS EPA 8260D
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW3-9-27-22-15'**					
Laboratory ID:	09-309-01					
Dichlorodifluoromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Chloromethane	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Vinyl Chloride	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromomethane	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Chloroethane	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Trichlorofluoromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Acetone	ND	0.054	EPA 8260D	9-30-22	9-30-22	
Iodomethane	ND	0.0076	EPA 8260D	9-30-22	9-30-22	
Carbon Disulfide	0.0037	0.0016	EPA 8260D	9-30-22	9-30-22	Y
Methylene Chloride	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Vinyl Acetate	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
2,2-Dichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
2-Butanone	ND	0.011	EPA 8260D	9-30-22	9-30-22	
Bromochloromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Chloroform	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Carbon Tetrachloride	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloropropene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Benzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Trichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Dibromomethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromodichloromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Methyl Isobutyl Ketone	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Toluene	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	

Date of Report: October 10, 2022
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW3-9-27-22-15'**					
Laboratory ID:	09-309-01					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Tetrachloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,3-Dichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
2-Hexanone	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Dibromochloromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromoethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Chlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Ethylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
m,p-Xylene	ND	0.0022	EPA 8260D	9-30-22	9-30-22	
o-Xylene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Styrene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromoform	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Isopropylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
n-Propylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
2-Chlorotoluene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
4-Chlorotoluene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
tert-Butylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
sec-Butylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
p-Isopropyltoluene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
n-Butylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromo-3-chloropropane	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Hexachlorobutadiene	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Naphthalene	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*107*	*75-130*				
Toluene-d8	*103*	*78-128*				
4-Bromofluorobenzene	*109*	*71-130*				

Date of Report: October 10, 2022
Samples Submitted: September 29, 2022
Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

VOLATILE ORGANICS EPA 8260D
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW3-9-27-22-23'**					
Laboratory ID:	09-309-02					
Dichlorodifluoromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Chloromethane	ND	0.0057	EPA 8260D	9-30-22	9-30-22	
Vinyl Chloride	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromomethane	ND	0.0057	EPA 8260D	9-30-22	9-30-22	
Chloroethane	ND	0.0057	EPA 8260D	9-30-22	9-30-22	
Trichlorofluoromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Acetone	ND	0.057	EPA 8260D	9-30-22	9-30-22	
Iodomethane	ND	0.0080	EPA 8260D	9-30-22	9-30-22	
Carbon Disulfide	ND	0.0017	EPA 8260D	9-30-22	9-30-22	
Methylene Chloride	ND	0.0057	EPA 8260D	9-30-22	9-30-22	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Vinyl Acetate	ND	0.0057	EPA 8260D	9-30-22	9-30-22	
2,2-Dichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
2-Butanone	ND	0.011	EPA 8260D	9-30-22	9-30-22	
Bromochloromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Chloroform	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Carbon Tetrachloride	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloropropene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Benzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Trichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Dibromomethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromodichloromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Methyl Isobutyl Ketone	ND	0.0057	EPA 8260D	9-30-22	9-30-22	
Toluene	ND	0.0057	EPA 8260D	9-30-22	9-30-22	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW3-9-27-22-23'**					
Laboratory ID:	09-309-02					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Tetrachloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,3-Dichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
2-Hexanone	ND	0.0057	EPA 8260D	9-30-22	9-30-22	
Dibromochloromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromoethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Chlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Ethylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
m,p-Xylene	ND	0.0023	EPA 8260D	9-30-22	9-30-22	
o-Xylene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Styrene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromoform	ND	0.0057	EPA 8260D	9-30-22	9-30-22	
Isopropylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
n-Propylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
2-Chlorotoluene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
4-Chlorotoluene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
tert-Butylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
sec-Butylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
p-Isopropyltoluene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
n-Butylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromo-3-chloropropane	ND	0.0057	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Hexachlorobutadiene	ND	0.0057	EPA 8260D	9-30-22	9-30-22	
Naphthalene	ND	0.0057	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*103*	*75-130*				
Toluene-d8	*104*	*78-128*				
4-Bromofluorobenzene	*108*	*71-130*				

Date of Report: October 10, 2022
Samples Submitted: September 29, 2022
Laboratory Reference: 2209-309
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VOLATILE ORGANICS EPA 8260D
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW6-9-27-22-15'**					
Laboratory ID:	09-309-03					
Dichlorodifluoromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Chloromethane	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Vinyl Chloride	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromomethane	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Chloroethane	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Trichlorofluoromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Acetone	ND	0.054	EPA 8260D	9-30-22	9-30-22	
Iodomethane	ND	0.0075	EPA 8260D	9-30-22	9-30-22	
Carbon Disulfide	ND	0.0016	EPA 8260D	9-30-22	9-30-22	
Methylene Chloride	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Vinyl Acetate	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
2,2-Dichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
2-Butanone	ND	0.011	EPA 8260D	9-30-22	9-30-22	
Bromochloromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Chloroform	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Carbon Tetrachloride	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloropropene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Benzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Trichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Dibromomethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromodichloromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Methyl Isobutyl Ketone	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Toluene	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW6-9-27-22-15'**					
Laboratory ID:	09-309-03					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Tetrachloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,3-Dichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
2-Hexanone	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Dibromochloromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromoethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Chlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Ethylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
m,p-Xylene	ND	0.0022	EPA 8260D	9-30-22	9-30-22	
o-Xylene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Styrene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromoform	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Isopropylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
n-Propylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
2-Chlorotoluene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
4-Chlorotoluene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
tert-Butylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
sec-Butylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
p-Isopropyltoluene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
n-Butylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromo-3-chloropropane	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Hexachlorobutadiene	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Naphthalene	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*101*	*75-130*				
Toluene-d8	*103*	*78-128*				
4-Bromofluorobenzene	*108*	*71-130*				

Date of Report: October 10, 2022
Samples Submitted: September 29, 2022
Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW6-9-27-22-21'**					
Laboratory ID:	09-309-04					
Dichlorodifluoromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Chloromethane	ND	0.0053	EPA 8260D	9-30-22	9-30-22	
Vinyl Chloride	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromomethane	ND	0.0053	EPA 8260D	9-30-22	9-30-22	
Chloroethane	ND	0.0053	EPA 8260D	9-30-22	9-30-22	
Trichlorofluoromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Acetone	0.054	0.053	EPA 8260D	9-30-22	9-30-22	
Iodomethane	ND	0.0075	EPA 8260D	9-30-22	9-30-22	
Carbon Disulfide	ND	0.0016	EPA 8260D	9-30-22	9-30-22	
Methylene Chloride	ND	0.0053	EPA 8260D	9-30-22	9-30-22	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Vinyl Acetate	ND	0.0053	EPA 8260D	9-30-22	9-30-22	
2,2-Dichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
2-Butanone	ND	0.011	EPA 8260D	9-30-22	9-30-22	
Bromochloromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Chloroform	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Carbon Tetrachloride	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloropropene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Benzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Trichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Dibromomethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromodichloromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Methyl Isobutyl Ketone	ND	0.0053	EPA 8260D	9-30-22	9-30-22	
Toluene	ND	0.0053	EPA 8260D	9-30-22	9-30-22	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	

Date of Report: October 10, 2022
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Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW6-9-27-22-21'**					
Laboratory ID:	09-309-04					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Tetrachloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,3-Dichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
2-Hexanone	ND	0.0053	EPA 8260D	9-30-22	9-30-22	
Dibromochloromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromoethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Chlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Ethylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
m,p-Xylene	ND	0.0021	EPA 8260D	9-30-22	9-30-22	
o-Xylene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Styrene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromoform	ND	0.0053	EPA 8260D	9-30-22	9-30-22	
Isopropylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
n-Propylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
2-Chlorotoluene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
4-Chlorotoluene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
tert-Butylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
sec-Butylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
p-Isopropyltoluene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
n-Butylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromo-3-chloropropane	ND	0.0053	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Hexachlorobutadiene	ND	0.0053	EPA 8260D	9-30-22	9-30-22	
Naphthalene	ND	0.0053	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*107*	*75-130*				
Toluene-d8	*102*	*78-128*				
4-Bromofluorobenzene	*105*	*71-130*				

Date of Report: October 10, 2022
Samples Submitted: September 29, 2022
Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW5-9-27-22-15'**					
Laboratory ID:	09-309-05					
Dichlorodifluoromethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Chloromethane	ND	0.0052	EPA 8260D	9-30-22	9-30-22	
Vinyl Chloride	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Bromomethane	ND	0.0052	EPA 8260D	9-30-22	9-30-22	
Chloroethane	ND	0.0052	EPA 8260D	9-30-22	9-30-22	
Trichlorofluoromethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Acetone	ND	0.052	EPA 8260D	9-30-22	9-30-22	
Iodomethane	ND	0.0072	EPA 8260D	9-30-22	9-30-22	
Carbon Disulfide	0.0020	0.0016	EPA 8260D	9-30-22	9-30-22	Y
Methylene Chloride	ND	0.0052	EPA 8260D	9-30-22	9-30-22	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Vinyl Acetate	ND	0.0052	EPA 8260D	9-30-22	9-30-22	
2,2-Dichloropropane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
2-Butanone	ND	0.010	EPA 8260D	9-30-22	9-30-22	
Bromochloromethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Chloroform	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Carbon Tetrachloride	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloropropene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Benzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloroethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Trichloroethene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Dibromomethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Bromodichloromethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Methyl Isobutyl Ketone	ND	0.0052	EPA 8260D	9-30-22	9-30-22	
Toluene	ND	0.0052	EPA 8260D	9-30-22	9-30-22	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	

Date of Report: October 10, 2022
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Project: E2022/0805; 1201 S. 1st St Yakima

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW5-9-27-22-15'**					
Laboratory ID:	09-309-05					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Tetrachloroethene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,3-Dichloropropane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
2-Hexanone	ND	0.0052	EPA 8260D	9-30-22	9-30-22	
Dibromochloromethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromoethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Chlorobenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Ethylbenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
m,p-Xylene	ND	0.0021	EPA 8260D	9-30-22	9-30-22	
o-Xylene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Styrene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Bromoform	ND	0.0052	EPA 8260D	9-30-22	9-30-22	
Isopropylbenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Bromobenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
n-Propylbenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
2-Chlorotoluene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
4-Chlorotoluene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
tert-Butylbenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
sec-Butylbenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
p-Isopropyltoluene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
n-Butylbenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromo-3-chloropropane	ND	0.0052	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Hexachlorobutadiene	ND	0.0052	EPA 8260D	9-30-22	9-30-22	
Naphthalene	ND	0.0052	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*101*	*75-130*				
Toluene-d8	*104*	*78-128*				
4-Bromofluorobenzene	*107*	*71-130*				

Date of Report: October 10, 2022
Samples Submitted: September 29, 2022
Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW5-9-27-22-20'**					
Laboratory ID:	09-309-06					
Dichlorodifluoromethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Chloromethane	ND	0.0052	EPA 8260D	9-30-22	9-30-22	
Vinyl Chloride	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Bromomethane	ND	0.0052	EPA 8260D	9-30-22	9-30-22	
Chloroethane	ND	0.0052	EPA 8260D	9-30-22	9-30-22	
Trichlorofluoromethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Acetone	ND	0.052	EPA 8260D	9-30-22	9-30-22	
Iodomethane	ND	0.0073	EPA 8260D	9-30-22	9-30-22	
Carbon Disulfide	0.0018	0.0016	EPA 8260D	9-30-22	9-30-22	Y
Methylene Chloride	ND	0.0052	EPA 8260D	9-30-22	9-30-22	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Vinyl Acetate	ND	0.0052	EPA 8260D	9-30-22	9-30-22	
2,2-Dichloropropane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
2-Butanone	ND	0.010	EPA 8260D	9-30-22	9-30-22	
Bromochloromethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Chloroform	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Carbon Tetrachloride	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloropropene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Benzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloroethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Trichloroethene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Dibromomethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Bromodichloromethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Methyl Isobutyl Ketone	ND	0.0052	EPA 8260D	9-30-22	9-30-22	
Toluene	ND	0.0052	EPA 8260D	9-30-22	9-30-22	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	

Date of Report: October 10, 2022
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Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW5-9-27-22-20'**					
Laboratory ID:	09-309-06					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Tetrachloroethene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,3-Dichloropropane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
2-Hexanone	ND	0.0052	EPA 8260D	9-30-22	9-30-22	
Dibromochloromethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromoethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Chlorobenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Ethylbenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
m,p-Xylene	ND	0.0021	EPA 8260D	9-30-22	9-30-22	
o-Xylene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Styrene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Bromoform	ND	0.0052	EPA 8260D	9-30-22	9-30-22	
Isopropylbenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Bromobenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
n-Propylbenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
2-Chlorotoluene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
4-Chlorotoluene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
tert-Butylbenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
sec-Butylbenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
p-Isopropyltoluene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
n-Butylbenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromo-3-chloropropane	ND	0.0052	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Hexachlorobutadiene	ND	0.0052	EPA 8260D	9-30-22	9-30-22	
Naphthalene	ND	0.0052	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*104*	*75-130*				
Toluene-d8	*106*	*78-128*				
4-Bromofluorobenzene	*111*	*71-130*				

Date of Report: October 10, 2022
Samples Submitted: September 29, 2022
Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW4-9-27-22-16'**					
Laboratory ID:	09-309-07					
Dichlorodifluoromethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Chloromethane	ND	0.0060	EPA 8260D	9-30-22	9-30-22	
Vinyl Chloride	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Bromomethane	ND	0.0060	EPA 8260D	9-30-22	9-30-22	
Chloroethane	ND	0.0060	EPA 8260D	9-30-22	9-30-22	
Trichlorofluoromethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Acetone	ND	0.060	EPA 8260D	9-30-22	9-30-22	
Iodomethane	ND	0.0084	EPA 8260D	9-30-22	9-30-22	
Carbon Disulfide	ND	0.0018	EPA 8260D	9-30-22	9-30-22	
Methylene Chloride	ND	0.0060	EPA 8260D	9-30-22	9-30-22	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Vinyl Acetate	ND	0.0060	EPA 8260D	9-30-22	9-30-22	
2,2-Dichloropropane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
2-Butanone	ND	0.012	EPA 8260D	9-30-22	9-30-22	
Bromochloromethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Chloroform	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Carbon Tetrachloride	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloropropene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Benzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloroethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Trichloroethene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloropropane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Dibromomethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Bromodichloromethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Methyl Isobutyl Ketone	ND	0.0060	EPA 8260D	9-30-22	9-30-22	
Toluene	ND	0.0060	EPA 8260D	9-30-22	9-30-22	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	

Date of Report: October 10, 2022
Samples Submitted: September 29, 2022
Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW4-9-27-22-16'**					
Laboratory ID:	09-309-07					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Tetrachloroethene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,3-Dichloropropane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
2-Hexanone	ND	0.0060	EPA 8260D	9-30-22	9-30-22	
Dibromochloromethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromoethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Chlorobenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Ethylbenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
m,p-Xylene	ND	0.0024	EPA 8260D	9-30-22	9-30-22	
o-Xylene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Styrene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Bromoform	ND	0.0060	EPA 8260D	9-30-22	9-30-22	
Isopropylbenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Bromobenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
n-Propylbenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
2-Chlorotoluene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
4-Chlorotoluene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
tert-Butylbenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
sec-Butylbenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
p-Isopropyltoluene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
n-Butylbenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromo-3-chloropropane	ND	0.0060	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Hexachlorobutadiene	ND	0.0060	EPA 8260D	9-30-22	9-30-22	
Naphthalene	ND	0.0060	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*99*	*75-130*				
Toluene-d8	*105*	*78-128*				
4-Bromofluorobenzene	*109*	*71-130*				

Date of Report: October 10, 2022
Samples Submitted: September 29, 2022
Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW4-9-27-22-20'**					
Laboratory ID:	09-309-08					
Dichlorodifluoromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Chloromethane	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Vinyl Chloride	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromomethane	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Chloroethane	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Trichlorofluoromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Acetone	ND	0.054	EPA 8260D	9-30-22	9-30-22	
Iodomethane	ND	0.0076	EPA 8260D	9-30-22	9-30-22	
Carbon Disulfide	ND	0.0016	EPA 8260D	9-30-22	9-30-22	
Methylene Chloride	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Vinyl Acetate	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
2,2-Dichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
2-Butanone	ND	0.011	EPA 8260D	9-30-22	9-30-22	
Bromochloromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Chloroform	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Carbon Tetrachloride	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloropropene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Benzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Trichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Dibromomethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromodichloromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Methyl Isobutyl Ketone	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Toluene	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	

Date of Report: October 10, 2022
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Project: E2022/0805; 1201 S. 1st St Yakima

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW4-9-27-22-20'**					
Laboratory ID:	09-309-08					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Tetrachloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,3-Dichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
2-Hexanone	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Dibromochloromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromoethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Chlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Ethylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
m,p-Xylene	ND	0.0022	EPA 8260D	9-30-22	9-30-22	
o-Xylene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Styrene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromoform	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Isopropylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
n-Propylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
2-Chlorotoluene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
4-Chlorotoluene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
tert-Butylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
sec-Butylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
p-Isopropyltoluene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
n-Butylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromo-3-chloropropane	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Hexachlorobutadiene	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Naphthalene	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*75-130*				
Toluene-d8	*105*	*78-128*				
4-Bromofluorobenzene	*107*	*71-130*				

Date of Report: October 10, 2022
Samples Submitted: September 29, 2022
Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW2-9-28-22-13'**					
Laboratory ID:	09-309-09					
Dichlorodifluoromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Chloromethane	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Vinyl Chloride	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromomethane	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Chloroethane	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Trichlorofluoromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Acetone	0.13	0.054	EPA 8260D	9-30-22	9-30-22	
Iodomethane	ND	0.0075	EPA 8260D	9-30-22	9-30-22	
Carbon Disulfide	ND	0.0016	EPA 8260D	9-30-22	9-30-22	
Methylene Chloride	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Vinyl Acetate	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
2,2-Dichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
2-Butanone	0.022	0.011	EPA 8260D	9-30-22	9-30-22	
Bromochloromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Chloroform	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Carbon Tetrachloride	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloropropene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Benzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Trichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Dibromomethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromodichloromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Methyl Isobutyl Ketone	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Toluene	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	

Date of Report: October 10, 2022
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Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW2-9-28-22-13'**					
Laboratory ID:	09-309-09					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Tetrachloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,3-Dichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
2-Hexanone	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Dibromochloromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromoethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Chlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Ethylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
m,p-Xylene	ND	0.0021	EPA 8260D	9-30-22	9-30-22	
o-Xylene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Styrene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromoform	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Isopropylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
n-Propylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
2-Chlorotoluene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
4-Chlorotoluene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
tert-Butylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
sec-Butylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
p-Isopropyltoluene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
n-Butylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromo-3-chloropropane	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Hexachlorobutadiene	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Naphthalene	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*102*	*75-130*				
Toluene-d8	*102*	*78-128*				
4-Bromofluorobenzene	*106*	*71-130*				

Date of Report: October 10, 2022
Samples Submitted: September 29, 2022
Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW2-9-28-22-18'**					
Laboratory ID:	09-309-10					
Dichlorodifluoromethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Chloromethane	ND	0.0061	EPA 8260D	9-30-22	9-30-22	
Vinyl Chloride	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Bromomethane	ND	0.0061	EPA 8260D	9-30-22	9-30-22	
Chloroethane	ND	0.0061	EPA 8260D	9-30-22	9-30-22	
Trichlorofluoromethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Acetone	ND	0.061	EPA 8260D	9-30-22	9-30-22	
Iodomethane	ND	0.0086	EPA 8260D	9-30-22	9-30-22	
Carbon Disulfide	ND	0.0018	EPA 8260D	9-30-22	9-30-22	
Methylene Chloride	ND	0.0061	EPA 8260D	9-30-22	9-30-22	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Vinyl Acetate	ND	0.0061	EPA 8260D	9-30-22	9-30-22	
2,2-Dichloropropane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
2-Butanone	ND	0.012	EPA 8260D	9-30-22	9-30-22	
Bromochloromethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Chloroform	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Carbon Tetrachloride	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloropropene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Benzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloroethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Trichloroethene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloropropane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Dibromomethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Bromodichloromethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Methyl Isobutyl Ketone	ND	0.0061	EPA 8260D	9-30-22	9-30-22	
Toluene	ND	0.0061	EPA 8260D	9-30-22	9-30-22	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	

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Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW2-9-28-22-18'**					
Laboratory ID:	09-309-10					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Tetrachloroethene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,3-Dichloropropane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
2-Hexanone	ND	0.0061	EPA 8260D	9-30-22	9-30-22	
Dibromochloromethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromoethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Chlorobenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Ethylbenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
m,p-Xylene	ND	0.0024	EPA 8260D	9-30-22	9-30-22	
o-Xylene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Styrene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Bromoform	ND	0.0061	EPA 8260D	9-30-22	9-30-22	
Isopropylbenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Bromobenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
n-Propylbenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
2-Chlorotoluene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
4-Chlorotoluene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
tert-Butylbenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
sec-Butylbenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
p-Isopropyltoluene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
n-Butylbenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromo-3-chloropropane	ND	0.0061	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Hexachlorobutadiene	ND	0.0061	EPA 8260D	9-30-22	9-30-22	
Naphthalene	ND	0.0061	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260D	9-30-22	9-30-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*97*	*75-130*				
Toluene-d8	*103*	*78-128*				
4-Bromofluorobenzene	*103*	*71-130*				

Date of Report: October 10, 2022
Samples Submitted: September 29, 2022
Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

VOLATILE ORGANICS EPA 8260D
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW1-9-28-22-10'**					
Laboratory ID:	09-309-11					
Dichlorodifluoromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Chloromethane	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Vinyl Chloride	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromomethane	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Chloroethane	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Trichlorofluoromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Acetone	ND	0.054	EPA 8260D	9-30-22	9-30-22	
Iodomethane	ND	0.0076	EPA 8260D	9-30-22	9-30-22	
Carbon Disulfide	ND	0.0016	EPA 8260D	9-30-22	9-30-22	
Methylene Chloride	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Vinyl Acetate	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
2,2-Dichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
2-Butanone	ND	0.011	EPA 8260D	9-30-22	9-30-22	
Bromochloromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Chloroform	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Carbon Tetrachloride	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloropropene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Benzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Trichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Dibromomethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromodichloromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Methyl Isobutyl Ketone	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Toluene	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	

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VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW1-9-28-22-10'**					
Laboratory ID:	09-309-11					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Tetrachloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,3-Dichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
2-Hexanone	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Dibromochloromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromoethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Chlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Ethylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
m,p-Xylene	ND	0.0022	EPA 8260D	9-30-22	9-30-22	
o-Xylene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Styrene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromoform	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Isopropylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
n-Propylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
2-Chlorotoluene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
4-Chlorotoluene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
tert-Butylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
sec-Butylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
p-Isopropyltoluene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
n-Butylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromo-3-chloropropane	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Hexachlorobutadiene	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
Naphthalene	ND	0.0054	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*103*	*75-130*				
Toluene-d8	*103*	*78-128*				
4-Bromofluorobenzene	*109*	*71-130*				

Date of Report: October 10, 2022
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Project: E2022/0805; 1201 S. 1st St Yakima

VOLATILE ORGANICS EPA 8260D
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW1-9-28-22-19'**					
Laboratory ID:	09-309-12					
Dichlorodifluoromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Chloromethane	ND	0.0056	EPA 8260D	9-30-22	9-30-22	
Vinyl Chloride	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromomethane	ND	0.0056	EPA 8260D	9-30-22	9-30-22	
Chloroethane	ND	0.0056	EPA 8260D	9-30-22	9-30-22	
Trichlorofluoromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Acetone	ND	0.056	EPA 8260D	9-30-22	9-30-22	
Iodomethane	ND	0.0079	EPA 8260D	9-30-22	9-30-22	
Carbon Disulfide	0.0022	0.0017	EPA 8260D	9-30-22	9-30-22	Y
Methylene Chloride	ND	0.0056	EPA 8260D	9-30-22	9-30-22	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Vinyl Acetate	ND	0.0056	EPA 8260D	9-30-22	9-30-22	
2,2-Dichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
2-Butanone	ND	0.011	EPA 8260D	9-30-22	9-30-22	
Bromochloromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Chloroform	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Carbon Tetrachloride	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloropropene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Benzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Trichloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Dibromomethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromodichloromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Methyl Isobutyl Ketone	ND	0.0056	EPA 8260D	9-30-22	9-30-22	
Toluene	ND	0.0056	EPA 8260D	9-30-22	9-30-22	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW1-9-28-22-19'**					
Laboratory ID:	09-309-12					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Tetrachloroethene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,3-Dichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
2-Hexanone	ND	0.0056	EPA 8260D	9-30-22	9-30-22	
Dibromochloromethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromoethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Chlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Ethylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
m,p-Xylene	ND	0.0023	EPA 8260D	9-30-22	9-30-22	
o-Xylene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Styrene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromoform	ND	0.0056	EPA 8260D	9-30-22	9-30-22	
Isopropylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Bromobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
n-Propylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
2-Chlorotoluene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
4-Chlorotoluene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
tert-Butylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
sec-Butylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
p-Isopropyltoluene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
n-Butylbenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromo-3-chloropropane	ND	0.0056	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Hexachlorobutadiene	ND	0.0056	EPA 8260D	9-30-22	9-30-22	
Naphthalene	ND	0.0056	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260D	9-30-22	9-30-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*99*	*75-130*				
Toluene-d8	*102*	*78-128*				
4-Bromofluorobenzene	*109*	*71-130*				

Date of Report: October 10, 2022
Samples Submitted: September 29, 2022
Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Soil
Units: mg/kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0930S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Chloromethane	ND	0.0050	EPA 8260D	9-30-22	9-30-22	
Vinyl Chloride	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Bromomethane	ND	0.0050	EPA 8260D	9-30-22	9-30-22	
Chloroethane	ND	0.0050	EPA 8260D	9-30-22	9-30-22	
Trichlorofluoromethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Acetone	ND	0.050	EPA 8260D	9-30-22	9-30-22	
Iodomethane	ND	0.0070	EPA 8260D	9-30-22	9-30-22	
Carbon Disulfide	ND	0.0015	EPA 8260D	9-30-22	9-30-22	
Methylene Chloride	ND	0.0050	EPA 8260D	9-30-22	9-30-22	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloroethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Vinyl Acetate	ND	0.0050	EPA 8260D	9-30-22	9-30-22	
2,2-Dichloropropane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
2-Butanone	ND	0.010	EPA 8260D	9-30-22	9-30-22	
Bromochloromethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Chloroform	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Carbon Tetrachloride	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,1-Dichloropropene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Benzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloroethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Trichloroethene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Dibromomethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Bromodichloromethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260D	9-30-22	9-30-22	
Toluene	ND	0.0050	EPA 8260D	9-30-22	9-30-22	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0930S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Tetrachloroethene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,3-Dichloropropane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
2-Hexanone	ND	0.0050	EPA 8260D	9-30-22	9-30-22	
Dibromochloromethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromoethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Chlorobenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Ethylbenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
m,p-Xylene	ND	0.0020	EPA 8260D	9-30-22	9-30-22	
o-Xylene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Styrene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Bromoform	ND	0.0050	EPA 8260D	9-30-22	9-30-22	
Isopropylbenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Bromobenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
n-Propylbenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
2-Chlorotoluene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
4-Chlorotoluene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
tert-Butylbenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
sec-Butylbenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
p-Isopropyltoluene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
n-Butylbenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260D	9-30-22	9-30-22	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Hexachlorobutadiene	ND	0.0050	EPA 8260D	9-30-22	9-30-22	
Naphthalene	ND	0.0050	EPA 8260D	9-30-22	9-30-22	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	9-30-22	9-30-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*75-130*				
Toluene-d8	*104*	*78-128*				
4-Bromofluorobenzene	*106*	*71-130*				

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Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0930S1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**0.0516**	**0.0534**	0.0500	0.0500	103	107	30-160	3	26	
Chloromethane	**0.0550**	**0.0566**	0.0500	0.0500	110	113	59-131	3	26	
Vinyl Chloride	**0.0563**	**0.0591**	0.0500	0.0500	113	118	68-136	5	23	
Bromomethane	**0.0544**	**0.0607**	0.0500	0.0500	109	121	48-155	11	32	
Chloroethane	**0.0881**	**0.0878**	0.0500	0.0500	176	176	67-141	0	16	I,I
Trichlorofluoromethane	**0.0518**	**0.0562**	0.0500	0.0500	104	112	76-127	8	19	
1,1-Dichloroethene	**0.0599**	**0.0627**	0.0500	0.0500	120	125	75-129	5	19	
Acetone	**0.0569**	**0.0592**	0.0500	0.0500	114	118	49-158	4	37	
Iodomethane	**0.0357**	**0.0376**	0.0500	0.0500	71	75	37-140	5	27	
Carbon Disulfide	**0.0335**	**0.0354**	0.0500	0.0500	67	71	41-143	6	19	
Methylene Chloride	**0.0586**	**0.0605**	0.0500	0.0500	117	121	60-124	3	18	
(trans) 1,2-Dichloroethene	**0.0572**	**0.0608**	0.0500	0.0500	114	122	79-133	6	15	
Methyl t-Butyl Ether	**0.0524**	**0.0539**	0.0500	0.0500	105	108	73-125	3	17	
1,1-Dichloroethane	**0.0577**	**0.0606**	0.0500	0.0500	115	121	79-125	5	17	
Vinyl Acetate	**0.0472**	**0.0484**	0.0500	0.0500	94	97	51-145	3	41	
2,2-Dichloropropane	**0.0541**	**0.0580**	0.0500	0.0500	108	116	79-126	7	18	
(cis) 1,2-Dichloroethene	**0.0563**	**0.0598**	0.0500	0.0500	113	120	75-131	6	15	
2-Butanone	**0.0537**	**0.0567**	0.0500	0.0500	107	113	54-145	5	32	
Bromochloromethane	**0.0562**	**0.0576**	0.0500	0.0500	112	115	80-126	2	15	
Chloroform	**0.0540**	**0.0562**	0.0500	0.0500	108	112	80-123	4	15	
1,1,1-Trichloroethane	**0.0532**	**0.0560**	0.0500	0.0500	106	112	78-124	5	21	
Carbon Tetrachloride	**0.0524**	**0.0547**	0.0500	0.0500	105	109	74-127	4	18	
1,1-Dichloropropene	**0.0566**	**0.0605**	0.0500	0.0500	113	121	80-123	7	15	
Benzene	**0.0527**	**0.0544**	0.0500	0.0500	105	109	80-122	3	18	
1,2-Dichloroethane	**0.0544**	**0.0553**	0.0500	0.0500	109	111	75-124	2	15	
Trichloroethene	**0.0516**	**0.0554**	0.0500	0.0500	103	111	80-129	7	18	
1,2-Dichloropropane	**0.0561**	**0.0585**	0.0500	0.0500	112	117	80-123	4	15	
Dibromomethane	**0.0507**	**0.0518**	0.0500	0.0500	101	104	80-123	2	15	
Bromodichloromethane	**0.0540**	**0.0565**	0.0500	0.0500	108	113	80-129	5	15	
(cis) 1,3-Dichloropropene	**0.0534**	**0.0558**	0.0500	0.0500	107	112	80-130	4	15	
Methyl Isobutyl Ketone	**0.0537**	**0.0555**	0.0500	0.0500	107	111	63-137	3	27	
Toluene	**0.0525**	**0.0549**	0.0500	0.0500	105	110	80-120	4	18	
(trans) 1,3-Dichloropropene	**0.0496**	**0.0526**	0.0500	0.0500	99	105	80-124	6	15	

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Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0930S1									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**0.0463**	**0.0484**	0.0500	0.0500	93	97	80-120	4	15	
Tetrachloroethene	**0.0476**	**0.0516**	0.0500	0.0500	95	103	77-126	8	15	
1,3-Dichloropropane	**0.0495**	**0.0517**	0.0500	0.0500	99	103	77-123	4	15	
2-Hexanone	**0.0480**	**0.0505**	0.0500	0.0500	96	101	53-137	5	29	
Dibromochloromethane	**0.0492**	**0.0516**	0.0500	0.0500	98	103	80-128	5	16	
1,2-Dibromoethane	**0.0512**	**0.0543**	0.0500	0.0500	102	109	80-122	6	20	
Chlorobenzene	**0.0474**	**0.0515**	0.0500	0.0500	95	103	80-120	8	18	
1,1,1,2-Tetrachloroethane	**0.0480**	**0.0515**	0.0500	0.0500	96	103	80-120	7	15	
Ethylbenzene	**0.0483**	**0.0521**	0.0500	0.0500	97	104	80-120	8	15	
m,p-Xylene	**0.0948**	**0.102**	0.100	0.100	95	102	80-120	7	15	
o-Xylene	**0.0471**	**0.0506**	0.0500	0.0500	94	101	80-120	7	15	
Styrene	**0.0484**	**0.0526**	0.0500	0.0500	97	105	80-122	8	15	
Bromoform	**0.0474**	**0.0509**	0.0500	0.0500	95	102	78-126	7	15	
Isopropylbenzene	**0.0486**	**0.0533**	0.0500	0.0500	97	107	80-125	9	15	
Bromobenzene	**0.0460**	**0.0484**	0.0500	0.0500	92	97	79-124	5	15	
1,1,2,2-Tetrachloroethane	**0.0498**	**0.0515**	0.0500	0.0500	100	103	75-122	3	17	
1,2,3-Trichloropropane	**0.0494**	**0.0520**	0.0500	0.0500	99	104	72-125	5	20	
n-Propylbenzene	**0.0472**	**0.0499**	0.0500	0.0500	94	100	77-126	6	16	
2-Chlorotoluene	**0.0459**	**0.0488**	0.0500	0.0500	92	98	75-128	6	15	
4-Chlorotoluene	**0.0463**	**0.0499**	0.0500	0.0500	93	100	78-127	7	16	
1,3,5-Trimethylbenzene	**0.0465**	**0.0496**	0.0500	0.0500	93	99	77-128	6	15	
tert-Butylbenzene	**0.0464**	**0.0486**	0.0500	0.0500	93	97	73-130	5	20	
1,2,4-Trimethylbenzene	**0.0448**	**0.0479**	0.0500	0.0500	90	96	77-125	7	16	
sec-Butylbenzene	**0.0463**	**0.0507**	0.0500	0.0500	93	101	75-130	9	17	
1,3-Dichlorobenzene	**0.0453**	**0.0487**	0.0500	0.0500	91	97	78-123	7	17	
p-Isopropyltoluene	**0.0460**	**0.0493**	0.0500	0.0500	92	99	75-130	7	18	
1,4-Dichlorobenzene	**0.0449**	**0.0483**	0.0500	0.0500	90	97	77-121	7	17	
1,2-Dichlorobenzene	**0.0453**	**0.0488**	0.0500	0.0500	91	98	80-120	7	15	
n-Butylbenzene	**0.0480**	**0.0520**	0.0500	0.0500	96	104	76-131	8	20	
1,2-Dibromo-3-chloropropane	**0.0457**	**0.0499**	0.0500	0.0500	91	100	61-137	9	28	
1,2,4-Trichlorobenzene	**0.0434**	**0.0480**	0.0500	0.0500	87	96	77-127	10	17	
Hexachlorobutadiene	**0.0446**	**0.0488**	0.0500	0.0500	89	98	77-125	9	22	
Naphthalene	**0.0441**	**0.0488**	0.0500	0.0500	88	98	68-129	10	19	
1,2,3-Trichlorobenzene	**0.0440**	**0.0482**	0.0500	0.0500	88	96	77-124	9	19	
Surrogate:										
Dibromofluoromethane					*104*	*103*	*75-130*			
Toluene-d8					*105*	*104*	*78-128*			
4-Bromofluorobenzene					*107*	*108*	*71-130*			

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Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW3-9-27-22-15'**					
Laboratory ID:	09-309-01					
Arsenic	**ND**	11	EPA 6010D	10-4-22	10-4-22	
Barium	**44**	2.6	EPA 6010D	10-4-22	10-4-22	
Cadmium	**ND**	0.53	EPA 6010D	10-4-22	10-4-22	
Chromium	**6.9**	0.53	EPA 6010D	10-4-22	10-4-22	
Lead	**ND**	5.3	EPA 6010D	10-4-22	10-4-22	
Mercury	**ND**	0.26	EPA 7471B	10-6-22	10-6-22	
Selenium	**ND**	11	EPA 6010D	10-4-22	10-4-22	
Silver	**ND**	1.1	EPA 6010D	10-4-22	10-4-22	
Client ID:	**MW3-9-27-22-23'**					
Laboratory ID:	09-309-02					
Arsenic	**ND**	11	EPA 6010D	10-4-22	10-4-22	
Barium	**41**	2.7	EPA 6010D	10-4-22	10-4-22	
Cadmium	**ND**	0.54	EPA 6010D	10-4-22	10-4-22	
Chromium	**7.1**	0.54	EPA 6010D	10-4-22	10-4-22	
Lead	**ND**	5.4	EPA 6010D	10-4-22	10-4-22	
Mercury	**ND**	0.27	EPA 7471B	10-6-22	10-6-22	
Selenium	**ND**	11	EPA 6010D	10-4-22	10-4-22	
Silver	**ND**	1.1	EPA 6010D	10-4-22	10-4-22	
Client ID:	**MW6-9-27-22-15'**					
Laboratory ID:	09-309-03					
Arsenic	**ND**	10	EPA 6010D	10-4-22	10-4-22	
Barium	**34**	2.6	EPA 6010D	10-4-22	10-4-22	
Cadmium	**ND**	0.51	EPA 6010D	10-4-22	10-4-22	
Chromium	**9.1**	0.51	EPA 6010D	10-4-22	10-4-22	
Lead	**ND**	5.1	EPA 6010D	10-4-22	10-4-22	
Mercury	**ND**	0.26	EPA 7471B	10-6-22	10-6-22	
Selenium	**ND**	10	EPA 6010D	10-4-22	10-4-22	
Silver	**ND**	1.0	EPA 6010D	10-4-22	10-4-22	

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Project: E2022/0805; 1201 S. 1st St Yakima

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW6-9-27-22-21'**					
Laboratory ID:	09-309-04					
Arsenic	**ND**	10	EPA 6010D	10-4-22	10-4-22	
Barium	**65**	2.6	EPA 6010D	10-4-22	10-4-22	
Cadmium	**ND**	0.51	EPA 6010D	10-4-22	10-4-22	
Chromium	**9.5**	0.51	EPA 6010D	10-4-22	10-4-22	
Lead	**11**	5.1	EPA 6010D	10-4-22	10-4-22	
Mercury	**ND**	0.26	EPA 7471B	10-6-22	10-6-22	
Selenium	**ND**	10	EPA 6010D	10-4-22	10-4-22	
Silver	**ND**	1.0	EPA 6010D	10-4-22	10-4-22	
Client ID:	**MW5-9-27-22-15'**					
Laboratory ID:	09-309-05					
Arsenic	**ND**	10	EPA 6010D	10-4-22	10-4-22	
Barium	**45**	2.6	EPA 6010D	10-4-22	10-4-22	
Cadmium	**ND**	0.51	EPA 6010D	10-4-22	10-4-22	
Chromium	**9.2**	0.51	EPA 6010D	10-4-22	10-4-22	
Lead	**ND**	5.1	EPA 6010D	10-4-22	10-4-22	
Mercury	**ND**	0.26	EPA 7471B	10-6-22	10-6-22	
Selenium	**ND**	10	EPA 6010D	10-4-22	10-4-22	
Silver	**ND**	1.0	EPA 6010D	10-4-22	10-4-22	
Client ID:	**MW5-9-27-22-20'**					
Laboratory ID:	09-309-06					
Arsenic	**ND**	11	EPA 6010D	10-4-22	10-4-22	
Barium	**53**	2.7	EPA 6010D	10-4-22	10-4-22	
Cadmium	**ND**	0.54	EPA 6010D	10-4-22	10-4-22	
Chromium	**13**	0.54	EPA 6010D	10-4-22	10-4-22	
Lead	**ND**	5.4	EPA 6010D	10-4-22	10-4-22	
Mercury	**ND**	0.27	EPA 7471B	10-6-22	10-6-22	
Selenium	**ND**	11	EPA 6010D	10-4-22	10-4-22	
Silver	**ND**	1.1	EPA 6010D	10-4-22	10-4-22	

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Project: E2022/0805; 1201 S. 1st St Yakima

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW4-9-27-22-16'**					
Laboratory ID:	09-309-07					
Arsenic	**ND**	10	EPA 6010D	10-4-22	10-4-22	
Barium	**46**	2.6	EPA 6010D	10-4-22	10-4-22	
Cadmium	**ND**	0.52	EPA 6010D	10-4-22	10-4-22	
Chromium	**8.1**	0.52	EPA 6010D	10-4-22	10-4-22	
Lead	**5.9**	5.2	EPA 6010D	10-4-22	10-4-22	
Mercury	**ND**	0.26	EPA 7471B	10-6-22	10-6-22	
Selenium	**ND**	10	EPA 6010D	10-4-22	10-4-22	
Silver	**ND**	1.0	EPA 6010D	10-4-22	10-4-22	
Client ID:	**MW4-9-27-22-20'**					
Laboratory ID:	09-309-08					
Arsenic	**ND**	11	EPA 6010D	10-4-22	10-4-22	
Barium	**30**	2.6	EPA 6010D	10-4-22	10-4-22	
Cadmium	**ND**	0.53	EPA 6010D	10-4-22	10-4-22	
Chromium	**5.8**	0.53	EPA 6010D	10-4-22	10-4-22	
Lead	**ND**	5.3	EPA 6010D	10-4-22	10-4-22	
Mercury	**ND**	0.26	EPA 7471B	10-6-22	10-6-22	
Selenium	**ND**	11	EPA 6010D	10-4-22	10-4-22	
Silver	**ND**	1.1	EPA 6010D	10-4-22	10-4-22	
Client ID:	**MW2-9-28-22-13'**					
Laboratory ID:	09-309-09					
Arsenic	**ND**	10	EPA 6010D	10-4-22	10-4-22	
Barium	**46**	2.6	EPA 6010D	10-4-22	10-4-22	
Cadmium	**ND**	0.52	EPA 6010D	10-4-22	10-4-22	
Chromium	**11**	0.52	EPA 6010D	10-4-22	10-4-22	
Lead	**9.2**	5.2	EPA 6010D	10-4-22	10-4-22	
Mercury	**ND**	0.26	EPA 7471B	10-6-22	10-6-22	
Selenium	**ND**	10	EPA 6010D	10-4-22	10-4-22	
Silver	**ND**	1.0	EPA 6010D	10-4-22	10-4-22	

Date of Report: October 10, 2022
Samples Submitted: September 29, 2022
Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW2-9-28-22-18'**					
Laboratory ID:	09-309-10					
Arsenic	**ND**	11	EPA 6010D	10-4-22	10-4-22	
Barium	**45**	2.7	EPA 6010D	10-4-22	10-4-22	
Cadmium	**ND**	0.55	EPA 6010D	10-4-22	10-4-22	
Chromium	**15**	0.55	EPA 6010D	10-4-22	10-4-22	
Lead	**ND**	5.5	EPA 6010D	10-4-22	10-4-22	
Mercury	**ND**	0.27	EPA 7471B	10-6-22	10-6-22	
Selenium	**ND**	11	EPA 6010D	10-4-22	10-4-22	
Silver	**ND**	1.1	EPA 6010D	10-4-22	10-4-22	
Client ID:	**MW1-9-28-22-10'**					
Laboratory ID:	09-309-11					
Arsenic	**ND**	10	EPA 6010D	10-4-22	10-4-22	
Barium	**48**	2.6	EPA 6010D	10-4-22	10-4-22	
Cadmium	**ND**	0.51	EPA 6010D	10-4-22	10-4-22	
Chromium	**8.6**	0.51	EPA 6010D	10-4-22	10-4-22	
Lead	**ND**	5.1	EPA 6010D	10-4-22	10-4-22	
Mercury	**ND**	0.26	EPA 7471B	10-6-22	10-6-22	
Selenium	**ND**	10	EPA 6010D	10-4-22	10-4-22	
Silver	**ND**	1.0	EPA 6010D	10-4-22	10-4-22	
Client ID:	**MW1-9-28-22-19'**					
Laboratory ID:	09-309-12					
Arsenic	**ND**	11	EPA 6010D	10-4-22	10-4-22	
Barium	**56**	2.7	EPA 6010D	10-4-22	10-4-22	
Cadmium	**ND**	0.54	EPA 6010D	10-4-22	10-4-22	
Chromium	**16**	0.54	EPA 6010D	10-4-22	10-4-22	
Lead	**ND**	5.4	EPA 6010D	10-4-22	10-4-22	
Mercury	**ND**	0.27	EPA 7471B	10-6-22	10-6-22	
Selenium	**ND**	11	EPA 6010D	10-4-22	10-4-22	
Silver	**ND**	1.1	EPA 6010D	10-4-22	10-4-22	

Date of Report: October 10, 2022
Samples Submitted: September 29, 2022
Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1004SM1					
Arsenic	**ND**	10	EPA 6010D	10-4-22	10-4-22	
Barium	**ND**	2.5	EPA 6010D	10-4-22	10-4-22	
Cadmium	**ND**	0.50	EPA 6010D	10-4-22	10-4-22	
Chromium	**ND**	0.50	EPA 6010D	10-4-22	10-4-22	
Lead	**ND**	5.0	EPA 6010D	10-4-22	10-4-22	
Selenium	**ND**	10	EPA 6010D	10-4-22	10-4-22	
Silver	**ND**	1.0	EPA 6010D	10-4-22	10-4-22	
Laboratory ID:	MB1006S1					
Mercury	**ND**	0.25	EPA 7471B	10-6-22	10-6-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	09-274-01										
	ORIG	DUP									
Arsenic	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Barium	**136**	**123**	NA	NA		NA		NA	10	20	
Cadmium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Chromium	**44.4**	**47.3**	NA	NA		NA		NA	6	20	
Lead	**7.10**	**6.05**	NA	NA		NA		NA	16	20	
Selenium	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Silver	**ND**	**ND**	NA	NA		NA		NA	NA	20	
Laboratory ID:	09-274-01										
Mercury	**ND**	**ND**	NA	NA		NA		NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	09-274-01										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**94.7**	**92.1**	100	100	ND	**95**	**92**	75-125	3	20	
Barium	**224**	**221**	100	100	136	**88**	**85**	75-125	2	20	
Cadmium	**42.5**	**42.2**	50.0	50.0	ND	**85**	**84**	75-125	1	20	
Chromium	**136**	**135**	100	100	44.4	**92**	**90**	75-125	1	20	
Lead	**251**	**248**	250	250	7.10	**97**	**96**	75-125	1	20	
Selenium	**87.7**	**86.8**	100	100	ND	**88**	**87**	75-125	1	20	
Silver	**20.6**	**20.5**	25.0	25.0	ND	**82**	**82**	75-125	1	20	
Laboratory ID:	09-274-01										
Mercury	**0.546**	**0.544**	0.500	0.500	0.0563	**98**	**98**	80-120	0	20	

Date of Report: October 10, 2022
Samples Submitted: September 29, 2022
Laboratory Reference: 2209-309
Project: E2022/0805; 1201 S. 1st St Yakima

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
MW3-9-27-22-15'	09-309-01	**5**	9-30-22
MW3-9-27-22-23'	09-309-02	**8**	9-30-22
MW6-9-27-22-15'	09-309-03	**3**	9-30-22
MW6-9-27-22-21'	09-309-04	**2**	9-30-22
MW5-9-27-22-15'	09-309-05	**2**	9-30-22
MW5-9-27-22-20'	09-309-06	**8**	9-30-22
MW4-9-27-22-16'	09-309-07	**4**	9-30-22
MW4-9-27-22-20'	09-309-08	**5**	9-30-22
MW2-9-28-22-13'	09-309-09	**3**	9-30-22
MW2-9-28-22-18'	09-309-10	**9**	9-30-22
MW1-9-28-22-10'	09-309-11	**3**	9-30-22
MW1-9-28-22-19'	09-309-12	**7**	9-30-22

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: BMEC
Project Number: E2022/0805
Project Name: 1201 S. 1ST ST. YAKIMA
Project Manager: P. TRABUSINER/B. BERLERON
Sampled by: Y. MEYER

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days)
☐ _____ (other)

Laboratory Number: 09-309

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (Acid / SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	EDB				% Moisture
1	MW3-9-27-22-15'	9-27-22	1105	SOIL	5			X	X	X									X				X				X
2	MW3-9-27-22-23'	↓	1110	↓	↓			↓	↓	↓									↓				↓				↓
3	MW6-9-27-22-15'		1305																								
4	MW6-9-27-22-21'		1310																								
5	MW5-9-27-22-15'		1515																								
6	MW5-9-27-22-20'		1520																								
7	MW4-9-27-22-16'		1710																								
8	MW4-9-27-22-20'	↓	1715	↓	↓																						
9	MW2-9-28-22-13'	9-28-22	0900																								
10	MW2-9-28-22-18'	↓	0910	↓	↓			↓	↓	↓									↓				↓				↓

	Signature	Company	Date	Time
Relinquished	[signature]	BMEC	9-28-22	1400
Received	[signature]	OSE	9/29/22	1300
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

Chain of Custody

OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Company: BMEC
Project Number: E2022/0805
Project Name: 1201 S. 1ST ST. YAKIMA
Project Manager: P. TRABUSINER / B. BERGERON
Sampled by: Y. MEYER

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☐ 3 Days
☒ Standard (7 Days)
☐ _____ (other)

Laboratory Number: 09-309

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (Acid / SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	EDB				% Moisture
11	MW1-9-28-22-10'	9-28-22	1030	SOIL	5			X	X	X									X				X				X
12	MW1-9-28-22-19'	↓	1040	↓	↓			X	X	X									X				X				X

	Signature	Company	Date	Time
Relinquished		BMEC	9-28-22	1400
Received		OSE	9/29/22	800
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐

OnSite Environmental Inc.
14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

October 10, 2022

Peter Trabusiner
Blue Mountain Environmental, Inc.
1500 Adair Drive
Richland, WA 99352

Re: Analytical Data for Project E2022/0805; 1201 S. 1st St Yakima
Laboratory Reference No. 2210-034

Dear Peter:

Enclosed are the analytical results and associated quality control data for samples submitted on October 5, 2022.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister
Project Manager

Enclosures

Date of Report: October 10, 2022
Samples Submitted: October 5, 2022
Laboratory Reference: 2210-034
Project: E2022/0805; 1201 S. 1st St Yakima

Case Narrative

Samples were collected on October 3, 2022 and received by the laboratory on October 5, 2022. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Volatiles EPA 8260D Analysis

The percent recovery for Bromomethane is outside the control limits in the Spike Blank and Spike Blank Duplicate. The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: October 10, 2022
Samples Submitted: October 5, 2022
Laboratory Reference: 2210-034
Project: E2022/0805; 1201 S. 1st St Yakima

GASOLINE RANGE ORGANICS
NWTPH-Gx

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW3-10-3-22-GW**					
Laboratory ID:	10-034-01					
Gasoline	**ND**	100	NWTPH-Gx	10-7-22	10-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*102*	*65-122*				
Client ID:	**MW6-10-3-22-GW**					
Laboratory ID:	10-034-02					
Gasoline	**ND**	100	NWTPH-Gx	10-7-22	10-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*100*	*65-122*				
Client ID:	**MW5-10-3-22-GW**					
Laboratory ID:	10-034-03					
Gasoline	**ND**	100	NWTPH-Gx	10-7-22	10-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*101*	*65-122*				
Client ID:	**MW4-10-3-22-GW**					
Laboratory ID:	10-034-04					
Gasoline	**ND**	100	NWTPH-Gx	10-7-22	10-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*100*	*65-122*				
Client ID:	**MW1-10-3-22-GW**					
Laboratory ID:	10-034-05					
Gasoline	**ND**	100	NWTPH-Gx	10-7-22	10-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*102*	*65-122*				
Client ID:	**MW2-10-3-22-GW**					
Laboratory ID:	10-034-06					
Gasoline	**ND**	100	NWTPH-Gx	10-7-22	10-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*100*	*65-122*				

Date of Report: October 10, 2022
Samples Submitted: October 5, 2022
Laboratory Reference: 2210-034
Project: E2022/0805; 1201 S. 1st St Yakima

GASOLINE RANGE ORGANICS
NWTPH-Gx
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1007W1					
Gasoline	**ND**	100	NWTPH-Gx	10-7-22	10-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*101*	*65-122*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	10-034-01										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*102*	*102*	*65-122*			

Date of Report: October 10, 2022
Samples Submitted: October 5, 2022
Laboratory Reference: 2210-034
Project: E2022/0805; 1201 S. 1st St Yakima

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW3-10-3-22-GW**					
Laboratory ID:	10-034-01					
Diesel Range Organics	**ND**	0.20	NWTPH-Dx	10-7-22	10-7-22	
Lube Oil Range Organics	**ND**	0.20	NWTPH-Dx	10-7-22	10-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*88*	*50-150*				
Client ID:	**MW6-10-3-22-GW**					
Laboratory ID:	10-034-02					
Diesel Range Organics	**ND**	0.21	NWTPH-Dx	10-7-22	10-7-22	
Lube Oil Range Organics	**ND**	0.21	NWTPH-Dx	10-7-22	10-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*79*	*50-150*				
Client ID:	**MW5-10-3-22-GW**					
Laboratory ID:	10-034-03					
Diesel Range Organics	**ND**	0.21	NWTPH-Dx	10-7-22	10-7-22	
Lube Oil Range Organics	**ND**	0.21	NWTPH-Dx	10-7-22	10-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*89*	*50-150*				
Client ID:	**MW4-10-3-22-GW**					
Laboratory ID:	10-034-04					
Diesel Range Organics	**ND**	0.21	NWTPH-Dx	10-7-22	10-7-22	
Lube Oil Range Organics	**ND**	0.21	NWTPH-Dx	10-7-22	10-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*76*	*50-150*				
Client ID:	**MW1-10-3-22-GW**					
Laboratory ID:	10-034-05					
Diesel Range Organics	**ND**	0.20	NWTPH-Dx	10-7-22	10-7-22	
Lube Oil Range Organics	**ND**	0.20	NWTPH-Dx	10-7-22	10-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*90*	*50-150*				
Client ID:	**MW2-10-3-22-GW**					
Laboratory ID:	10-034-06					
Diesel Range Organics	**ND**	0.21	NWTPH-Dx	10-7-22	10-7-22	
Lube Oil Range Organics	**ND**	0.21	NWTPH-Dx	10-7-22	10-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*77*	*50-150*				

Date of Report: October 10, 2022
Samples Submitted: October 5, 2022
Laboratory Reference: 2210-034
Project: E2022/0805; 1201 S. 1st St Yakima

DIESEL AND HEAVY OIL RANGE ORGANICS
NWTPH-Dx
QUALITY CONTROL

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1007W1					
Diesel Range Organics	**ND**	0.16	NWTPH-Dx	10-7-22	10-7-22	
Lube Oil Range Organics	**ND**	0.16	NWTPH-Dx	10-7-22	10-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*109*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	SB1007W1										
	ORIG	DUP									
Diesel Fuel #2	**0.421**	**0.407**	NA	NA		NA		NA	3	NA	
Surrogate:											
o-Terphenyl						*95*	*92*	*50-150*			

Date of Report: October 10, 2022
Samples Submitted: October 5, 2022
Laboratory Reference: 2210-034
Project: E2022/0805; 1201 S. 1st St Yakima

VOLATILE ORGANICS EPA 8260D
page 1 of 2

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW3-10-3-22-GW**					
Laboratory ID:	10-034-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Chloromethane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Vinyl Chloride	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromomethane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Chloroethane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Acetone	ND	5.0	EPA 8260D	10-6-22	10-6-22	
Iodomethane	ND	7.1	EPA 8260D	10-6-22	10-6-22	
Carbon Disulfide	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Methylene Chloride	ND	1.0	EPA 8260D	10-6-22	10-6-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Vinyl Acetate	ND	1.0	EPA 8260D	10-6-22	10-6-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
2-Butanone	ND	5.0	EPA 8260D	10-6-22	10-6-22	
Bromochloromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Chloroform	4.8	0.20	EPA 8260D	10-6-22	10-6-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Benzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Trichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Dibromomethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromodichloromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	10-6-22	10-6-22	
Toluene	ND	1.0	EPA 8260D	10-6-22	10-6-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-6-22	10-6-22	

Date of Report: October 10, 2022
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW3-10-3-22-GW**					
Laboratory ID:	10-034-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Tetrachloroethene	2.2	0.20	EPA 8260D	10-6-22	10-6-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
2-Hexanone	ND	2.0	EPA 8260D	10-6-22	10-6-22	
Dibromochloromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Chlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Ethylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
m,p-Xylene	ND	0.40	EPA 8260D	10-6-22	10-6-22	
o-Xylene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Styrene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromoform	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Isopropylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
n-Propylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
n-Butylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Naphthalene	ND	1.3	EPA 8260D	10-6-22	10-6-22	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*75-127*				
Toluene-d8	*99*	*80-127*				
4-Bromofluorobenzene	*99*	*78-125*				

Date of Report: October 10, 2022
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW6-10-3-22-GW**					
Laboratory ID:	10-034-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Chloromethane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Vinyl Chloride	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromomethane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Chloroethane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Acetone	ND	5.0	EPA 8260D	10-6-22	10-6-22	
Iodomethane	ND	7.1	EPA 8260D	10-6-22	10-6-22	
Carbon Disulfide	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Methylene Chloride	ND	1.0	EPA 8260D	10-6-22	10-6-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Vinyl Acetate	ND	1.0	EPA 8260D	10-6-22	10-6-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
2-Butanone	ND	5.0	EPA 8260D	10-6-22	10-6-22	
Bromochloromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Chloroform	4.5	0.20	EPA 8260D	10-6-22	10-6-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Benzene	0.65	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Trichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Dibromomethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromodichloromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	10-6-22	10-6-22	
Toluene	1.0	1.0	EPA 8260D	10-6-22	10-6-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-6-22	10-6-22	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW6-10-3-22-GW**					
Laboratory ID:	10-034-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Tetrachloroethene	1.5	0.20	EPA 8260D	10-6-22	10-6-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
2-Hexanone	ND	2.0	EPA 8260D	10-6-22	10-6-22	
Dibromochloromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Chlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Ethylbenzene	0.26	0.20	EPA 8260D	10-6-22	10-6-22	
m,p-Xylene	ND	0.40	EPA 8260D	10-6-22	10-6-22	
o-Xylene	0.24	0.20	EPA 8260D	10-6-22	10-6-22	
Styrene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromoform	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Isopropylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
n-Propylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
n-Butylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Naphthalene	ND	1.3	EPA 8260D	10-6-22	10-6-22	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*75-127*				
Toluene-d8	*97*	*80-127*				
4-Bromofluorobenzene	*98*	*78-125*				

Date of Report: October 10, 2022
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW5-10-3-22-GW**					
Laboratory ID:	10-034-03					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Chloromethane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Vinyl Chloride	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromomethane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Chloroethane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Acetone	11	5.0	EPA 8260D	10-6-22	10-6-22	
Iodomethane	ND	7.1	EPA 8260D	10-6-22	10-6-22	
Carbon Disulfide	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Methylene Chloride	ND	1.0	EPA 8260D	10-6-22	10-6-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Vinyl Acetate	ND	1.0	EPA 8260D	10-6-22	10-6-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
2-Butanone	ND	5.0	EPA 8260D	10-6-22	10-6-22	
Bromochloromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Chloroform	5.6	0.20	EPA 8260D	10-6-22	10-6-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Benzene	1.7	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Trichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Dibromomethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromodichloromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	10-6-22	10-6-22	
Toluene	2.2	1.0	EPA 8260D	10-6-22	10-6-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-6-22	10-6-22	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW5-10-3-22-GW**					
Laboratory ID:	10-034-03					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Tetrachloroethene	1.6	0.20	EPA 8260D	10-6-22	10-6-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
2-Hexanone	2.3	2.0	EPA 8260D	10-6-22	10-6-22	
Dibromochloromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Chlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Ethylbenzene	0.68	0.20	EPA 8260D	10-6-22	10-6-22	
m,p-Xylene	0.65	0.40	EPA 8260D	10-6-22	10-6-22	
o-Xylene	0.80	0.20	EPA 8260D	10-6-22	10-6-22	
Styrene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromoform	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Isopropylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
n-Propylbenzene	0.34	0.20	EPA 8260D	10-6-22	10-6-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2,4-Trimethylbenzene	0.25	0.20	EPA 8260D	10-6-22	10-6-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
p-Isopropyltoluene	0.30	0.20	EPA 8260D	10-6-22	10-6-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
n-Butylbenzene	0.25	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Naphthalene	ND	1.3	EPA 8260D	10-6-22	10-6-22	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*97*	*75-127*				
Toluene-d8	*95*	*80-127*				
4-Bromofluorobenzene	*101*	*78-125*				

Date of Report: October 10, 2022
Samples Submitted: October 5, 2022
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW4-10-3-22-GW**					
Laboratory ID:	10-034-04					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Chloromethane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Vinyl Chloride	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromomethane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Chloroethane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Acetone	5.2	5.0	EPA 8260D	10-6-22	10-6-22	
Iodomethane	ND	7.1	EPA 8260D	10-6-22	10-6-22	
Carbon Disulfide	0.23	0.20	EPA 8260D	10-6-22	10-6-22	
Methylene Chloride	ND	1.0	EPA 8260D	10-6-22	10-6-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Vinyl Acetate	ND	1.0	EPA 8260D	10-6-22	10-6-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
2-Butanone	ND	5.0	EPA 8260D	10-6-22	10-6-22	
Bromochloromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Chloroform	3.6	0.20	EPA 8260D	10-6-22	10-6-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Benzene	0.67	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Trichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Dibromomethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromodichloromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	10-6-22	10-6-22	
Toluene	ND	1.0	EPA 8260D	10-6-22	10-6-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-6-22	10-6-22	

Date of Report: October 10, 2022
Samples Submitted: October 5, 2022
Laboratory Reference: 2210-034
Project: E2022/0805; 1201 S. 1st St Yakima

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW4-10-3-22-GW**					
Laboratory ID:	10-034-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Tetrachloroethene	1.1	0.20	EPA 8260D	10-6-22	10-6-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
2-Hexanone	ND	2.0	EPA 8260D	10-6-22	10-6-22	
Dibromochloromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Chlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Ethylbenzene	0.22	0.20	EPA 8260D	10-6-22	10-6-22	
m,p-Xylene	ND	0.40	EPA 8260D	10-6-22	10-6-22	
o-Xylene	0.26	0.20	EPA 8260D	10-6-22	10-6-22	
Styrene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromoform	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Isopropylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
n-Propylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
n-Butylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Naphthalene	ND	1.3	EPA 8260D	10-6-22	10-6-22	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*96*	*75-127*				
Toluene-d8	*95*	*80-127*				
4-Bromofluorobenzene	*99*	*78-125*				

Date of Report: October 10, 2022
Samples Submitted: October 5, 2022
Laboratory Reference: 2210-034
Project: E2022/0805; 1201 S. 1st St Yakima

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW1-10-3-22-GW**					
Laboratory ID:	10-034-05					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Chloromethane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Vinyl Chloride	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromomethane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Chloroethane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Acetone	ND	5.0	EPA 8260D	10-6-22	10-6-22	
Iodomethane	ND	7.1	EPA 8260D	10-6-22	10-6-22	
Carbon Disulfide	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Methylene Chloride	ND	1.0	EPA 8260D	10-6-22	10-6-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Vinyl Acetate	ND	1.0	EPA 8260D	10-6-22	10-6-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
2-Butanone	ND	5.0	EPA 8260D	10-6-22	10-6-22	
Bromochloromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Chloroform	6.1	0.20	EPA 8260D	10-6-22	10-6-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Benzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Trichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Dibromomethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromodichloromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	10-6-22	10-6-22	
Toluene	ND	1.0	EPA 8260D	10-6-22	10-6-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-6-22	10-6-22	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW1-10-3-22-GW**					
Laboratory ID:	10-034-05					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Tetrachloroethene	2.4	0.20	EPA 8260D	10-6-22	10-6-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
2-Hexanone	ND	2.0	EPA 8260D	10-6-22	10-6-22	
Dibromochloromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Chlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Ethylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
m,p-Xylene	ND	0.40	EPA 8260D	10-6-22	10-6-22	
o-Xylene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Styrene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromoform	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Isopropylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
n-Propylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
n-Butylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Naphthalene	ND	1.3	EPA 8260D	10-6-22	10-6-22	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*95*	*75-127*				
Toluene-d8	*96*	*80-127*				
4-Bromofluorobenzene	*100*	*78-125*				

Date of Report: October 10, 2022
Samples Submitted: October 5, 2022
Laboratory Reference: 2210-034
Project: E2022/0805; 1201 S. 1st St Yakima

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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW2-10-3-22-GW**					
Laboratory ID:	10-034-06					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Chloromethane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Vinyl Chloride	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromomethane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Chloroethane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Acetone	ND	5.0	EPA 8260D	10-6-22	10-6-22	
Iodomethane	ND	7.1	EPA 8260D	10-6-22	10-6-22	
Carbon Disulfide	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Methylene Chloride	ND	1.0	EPA 8260D	10-6-22	10-6-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Vinyl Acetate	ND	1.0	EPA 8260D	10-6-22	10-6-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
2-Butanone	ND	5.0	EPA 8260D	10-6-22	10-6-22	
Bromochloromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Chloroform	5.0	0.20	EPA 8260D	10-6-22	10-6-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Benzene	0.62	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Trichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Dibromomethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromodichloromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	10-6-22	10-6-22	
Toluene	ND	1.0	EPA 8260D	10-6-22	10-6-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-6-22	10-6-22	

Date of Report: October 10, 2022
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Laboratory Reference: 2210-034
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW2-10-3-22-GW**					
Laboratory ID:	10-034-06					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Tetrachloroethene	2.6	0.20	EPA 8260D	10-6-22	10-6-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
2-Hexanone	ND	2.0	EPA 8260D	10-6-22	10-6-22	
Dibromochloromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Chlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Ethylbenzene	0.44	0.20	EPA 8260D	10-6-22	10-6-22	
m,p-Xylene	ND	0.40	EPA 8260D	10-6-22	10-6-22	
o-Xylene	0.45	0.20	EPA 8260D	10-6-22	10-6-22	
Styrene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromoform	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Isopropylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
n-Propylbenzene	0.30	0.20	EPA 8260D	10-6-22	10-6-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
n-Butylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Naphthalene	ND	1.3	EPA 8260D	10-6-22	10-6-22	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*100*	*75-127*				
Toluene-d8	*98*	*80-127*				
4-Bromofluorobenzene	*102*	*78-125*				

Date of Report: October 10, 2022
Samples Submitted: October 5, 2022
Laboratory Reference: 2210-034
Project: E2022/0805; 1201 S. 1st St Yakima

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QUALITY CONTROL
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1006W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Chloromethane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Vinyl Chloride	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromomethane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Chloroethane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Acetone	ND	5.0	EPA 8260D	10-6-22	10-6-22	
Iodomethane	ND	7.1	EPA 8260D	10-6-22	10-6-22	
Carbon Disulfide	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Methylene Chloride	ND	1.0	EPA 8260D	10-6-22	10-6-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Vinyl Acetate	ND	1.0	EPA 8260D	10-6-22	10-6-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
2-Butanone	ND	5.0	EPA 8260D	10-6-22	10-6-22	
Bromochloromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Chloroform	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Benzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Trichloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Dibromomethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromodichloromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	10-6-22	10-6-22	
Toluene	ND	1.0	EPA 8260D	10-6-22	10-6-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	10-6-22	10-6-22	

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1006W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Tetrachloroethene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
2-Hexanone	ND	2.0	EPA 8260D	10-6-22	10-6-22	
Dibromochloromethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Chlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Ethylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
m,p-Xylene	ND	0.40	EPA 8260D	10-6-22	10-6-22	
o-Xylene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Styrene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromoform	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Isopropylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Bromobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2,3-Trichloropropane	ND	0.20	EPA 8260D	10-6-22	10-6-22	
n-Propylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
n-Butylbenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	10-6-22	10-6-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	10-6-22	10-6-22	
Naphthalene	ND	1.3	EPA 8260D	10-6-22	10-6-22	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	10-6-22	10-6-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*98*	*75-127*				
Toluene-d8	*97*	*80-127*				
4-Bromofluorobenzene	*99*	*78-125*				

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Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1006W1									
	SB	SBD	SB	SBD	SB	SBD				
Dichlorodifluoromethane	**13.3**	**12.2**	10.0	10.0	133	122	34-166	9	21	
Chloromethane	**11.7**	**12.0**	10.0	10.0	117	120	63-138	3	18	
Vinyl Chloride	**11.9**	**11.4**	10.0	10.0	119	114	71-135	4	20	
Bromomethane	**15.4**	**16.0**	10.0	10.0	154	160	20-151	4	36	I,I
Chloroethane	**10.6**	**10.2**	10.0	10.0	106	102	76-125	4	20	
Trichlorofluoromethane	**10.7**	**10.3**	10.0	10.0	107	103	75-131	4	19	
1,1-Dichloroethene	**10.5**	**10.6**	10.0	10.0	105	106	78-125	1	19	
Acetone	**9.27**	**10.3**	10.0	10.0	93	103	76-125	11	18	
Iodomethane	**7.06**	**8.24**	10.0	10.0	71	82	10-155	15	40	
Carbon Disulfide	**10.1**	**9.78**	10.0	10.0	101	98	58-129	3	17	
Methylene Chloride	**10.3**	**10.5**	10.0	10.0	103	105	80-120	2	15	
(trans) 1,2-Dichloroethene	**10.5**	**10.6**	10.0	10.0	105	106	80-125	1	17	
Methyl t-Butyl Ether	**10.4**	**10.8**	10.0	10.0	104	108	80-122	4	15	
1,1-Dichloroethane	**10.6**	**10.6**	10.0	10.0	106	106	80-125	0	17	
Vinyl Acetate	**8.89**	**9.54**	10.0	10.0	89	95	80-131	7	15	
2,2-Dichloropropane	**12.5**	**12.5**	10.0	10.0	125	125	80-146	0	21	
(cis) 1,2-Dichloroethene	**11.1**	**11.1**	10.0	10.0	111	111	80-129	0	17	
2-Butanone	**9.97**	**11.4**	10.0	10.0	100	114	80-129	13	16	
Bromochloromethane	**11.9**	**11.9**	10.0	10.0	119	119	80-125	0	18	
Chloroform	**10.3**	**10.3**	10.0	10.0	103	103	80-123	0	16	
1,1,1-Trichloroethane	**10.3**	**10.3**	10.0	10.0	103	103	80-123	0	18	
Carbon Tetrachloride	**10.4**	**10.2**	10.0	10.0	104	102	80-126	2	17	
1,1-Dichloropropene	**10.6**	**10.6**	10.0	10.0	106	106	80-126	0	18	
Benzene	**10.3**	**10.3**	10.0	10.0	103	103	80-121	0	16	
1,2-Dichloroethane	**10.5**	**10.9**	10.0	10.0	105	109	80-124	4	15	
Trichloroethene	**10.7**	**10.5**	10.0	10.0	107	105	80-122	2	18	
1,2-Dichloropropane	**10.8**	**10.9**	10.0	10.0	108	109	80-123	1	15	
Dibromomethane	**11.0**	**11.2**	10.0	10.0	110	112	80-123	2	15	
Bromodichloromethane	**10.9**	**10.8**	10.0	10.0	109	108	80-125	1	15	
(cis) 1,3-Dichloropropene	**11.3**	**11.2**	10.0	10.0	113	112	80-129	1	15	
Methyl Isobutyl Ketone	**10.3**	**11.2**	10.0	10.0	103	112	80-124	8	15	
Toluene	**10.4**	**10.1**	10.0	10.0	104	101	80-120	3	18	
(trans) 1,3-Dichloropropene	**11.7**	**11.6**	10.0	10.0	117	116	80-134	1	17	

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QUALITY CONTROL
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Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB1006W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1,2-Trichloroethane	**10.1**	**10.5**	10.0	10.0	101	105	77-126	4	20	
Tetrachloroethene	**11.0**	**10.8**	10.0	10.0	110	108	80-124	2	18	
1,3-Dichloropropane	**10.3**	**10.5**	10.0	10.0	103	105	80-120	2	15	
2-Hexanone	**10.4**	**10.9**	10.0	10.0	104	109	80-130	5	16	
Dibromochloromethane	**11.3**	**11.2**	10.0	10.0	113	112	80-128	1	15	
1,2-Dibromoethane	**11.0**	**11.3**	10.0	10.0	110	113	80-127	3	15	
Chlorobenzene	**10.7**	**10.3**	10.0	10.0	107	103	80-120	4	17	
1,1,1,2-Tetrachloroethane	**11.2**	**11.0**	10.0	10.0	112	110	80-125	2	17	
Ethylbenzene	**10.6**	**10.4**	10.0	10.0	106	104	80-125	2	18	
m,p-Xylene	**21.0**	**20.4**	20.0	20.0	105	102	80-127	3	18	
o-Xylene	**10.7**	**10.5**	10.0	10.0	107	105	80-126	2	18	
Styrene	**11.6**	**11.4**	10.0	10.0	116	114	80-130	2	17	
Bromoform	**11.2**	**11.4**	10.0	10.0	112	114	80-130	2	15	
Isopropylbenzene	**11.4**	**11.2**	10.0	10.0	114	112	80-129	2	18	
Bromobenzene	**10.4**	**10.1**	10.0	10.0	104	101	76-128	3	16	
1,1,2,2-Tetrachloroethane	**10.2**	**10.6**	10.0	10.0	102	106	74-130	4	15	
1,2,3-Trichloropropane	**10.1**	**10.3**	10.0	10.0	101	103	71-129	2	25	
n-Propylbenzene	**11.0**	**10.6**	10.0	10.0	110	106	80-129	4	19	
2-Chlorotoluene	**10.7**	**10.5**	10.0	10.0	107	105	80-128	2	18	
4-Chlorotoluene	**11.0**	**10.6**	10.0	10.0	110	106	80-130	4	19	
1,3,5-Trimethylbenzene	**11.0**	**10.6**	10.0	10.0	110	106	80-131	4	18	
tert-Butylbenzene	**11.1**	**10.8**	10.0	10.0	111	108	80-130	3	18	
1,2,4-Trimethylbenzene	**10.8**	**10.5**	10.0	10.0	108	105	80-130	3	18	
sec-Butylbenzene	**11.5**	**11.1**	10.0	10.0	115	111	80-130	4	18	
1,3-Dichlorobenzene	**10.8**	**10.6**	10.0	10.0	108	106	80-126	2	17	
p-Isopropyltoluene	**11.4**	**10.9**	10.0	10.0	114	109	80-132	4	18	
1,4-Dichlorobenzene	**10.2**	**9.94**	10.0	10.0	102	99	80-121	3	17	
1,2-Dichlorobenzene	**10.7**	**10.7**	10.0	10.0	107	107	79-125	0	15	
n-Butylbenzene	**11.5**	**11.3**	10.0	10.0	115	113	80-138	2	19	
1,2-Dibromo-3-chloropropane	**9.93**	**10.0**	10.0	10.0	99	100	73-133	1	15	
1,2,4-Trichlorobenzene	**10.3**	**10.9**	10.0	10.0	103	109	80-139	6	18	
Hexachlorobutadiene	**10.9**	**11.1**	10.0	10.0	109	111	80-151	2	18	
Naphthalene	**7.79**	**9.16**	10.0	10.0	78	92	68-144	16	25	
1,2,3-Trichlorobenzene	**9.67**	**11.6**	10.0	10.0	97	116	75-146	18	28	
Surrogate:										
Dibromofluoromethane					*96*	*98*	*75-127*			
Toluene-d8					*100*	*101*	*80-127*			
4-Bromofluorobenzene					*104*	*105*	*78-125*			

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TOTAL METALS
EPA 200.8/7470A

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW3-10-3-22-GW**					
Laboratory ID:	10-034-01					
Arsenic	**16**	3.3	EPA 200.8	10-10-22	10-10-22	
Barium	**550**	28	EPA 200.8	10-10-22	10-10-22	
Cadmium	**ND**	4.4	EPA 200.8	10-10-22	10-10-22	
Chromium	**120**	11	EPA 200.8	10-10-22	10-10-22	
Lead	**27**	1.1	EPA 200.8	10-10-22	10-10-22	
Mercury	**ND**	0.50	EPA 7470A	10-10-22	10-10-22	
Selenium	**ND**	5.6	EPA 200.8	10-10-22	10-10-22	
Silver	**ND**	11	EPA 200.8	10-10-22	10-10-22	
Client ID:	**MW6-10-3-22-GW**					
Laboratory ID:	10-034-02					
Arsenic	**39**	3.3	EPA 200.8	10-10-22	10-10-22	
Barium	**600**	56	EPA 200.8	10-10-22	10-10-22	
Cadmium	**ND**	4.4	EPA 200.8	10-10-22	10-10-22	
Chromium	**81**	11	EPA 200.8	10-10-22	10-10-22	
Lead	**39**	2.2	EPA 200.8	10-10-22	10-10-22	
Mercury	**0.61**	0.50	EPA 7470A	10-10-22	10-10-22	
Selenium	**5.9**	5.6	EPA 200.8	10-10-22	10-10-22	
Silver	**ND**	11	EPA 200.8	10-10-22	10-10-22	
Client ID:	**MW5-10-3-22-GW**					
Laboratory ID:	10-034-03					
Arsenic	**18**	3.3	EPA 200.8	10-10-22	10-10-22	
Barium	**790**	56	EPA 200.8	10-10-22	10-10-22	
Cadmium	**ND**	4.4	EPA 200.8	10-10-22	10-10-22	
Chromium	**210**	11	EPA 200.8	10-10-22	10-10-22	
Lead	**36**	1.1	EPA 200.8	10-10-22	10-10-22	
Mercury	**ND**	0.50	EPA 7470A	10-10-22	10-10-22	
Selenium	**ND**	5.6	EPA 200.8	10-10-22	10-10-22	
Silver	**ND**	11	EPA 200.8	10-10-22	10-10-22	

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TOTAL METALS
EPA 200.8/7470A

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW4-10-3-22-GW**					
Laboratory ID:	10-034-04					
Arsenic	**67**	3.3	EPA 200.8	10-10-22	10-10-22	
Barium	**2700**	140	EPA 200.8	10-10-22	10-10-22	
Cadmium	**ND**	4.4	EPA 200.8	10-10-22	10-10-22	
Chromium	**400**	56	EPA 200.8	10-10-22	10-10-22	
Lead	**110**	5.6	EPA 200.8	10-10-22	10-10-22	
Mercury	**1.5**	0.50	EPA 7470A	10-10-22	10-10-22	
Selenium	**9.9**	5.6	EPA 200.8	10-10-22	10-10-22	
Silver	**ND**	11	EPA 200.8	10-10-22	10-10-22	
Client ID:	**MW1-10-3-22-GW**					
Laboratory ID:	10-034-05					
Arsenic	**12**	3.3	EPA 200.8	10-10-22	10-10-22	
Barium	**340**	28	EPA 200.8	10-10-22	10-10-22	
Cadmium	**ND**	4.4	EPA 200.8	10-10-22	10-10-22	
Chromium	**110**	11	EPA 200.8	10-10-22	10-10-22	
Lead	**16**	1.1	EPA 200.8	10-10-22	10-10-22	
Mercury	**ND**	0.50	EPA 7470A	10-10-22	10-10-22	
Selenium	**ND**	5.6	EPA 200.8	10-10-22	10-10-22	
Silver	**ND**	11	EPA 200.8	10-10-22	10-10-22	
Client ID:	**MW2-10-3-22-GW**					
Laboratory ID:	10-034-06					
Arsenic	**58**	3.3	EPA 200.8	10-10-22	10-10-22	
Barium	**2400**	140	EPA 200.8	10-10-22	10-10-22	
Cadmium	**ND**	4.4	EPA 200.8	10-10-22	10-10-22	
Chromium	**430**	56	EPA 200.8	10-10-22	10-10-22	
Lead	**160**	5.6	EPA 200.8	10-10-22	10-10-22	
Mercury	**1.2**	0.50	EPA 7470A	10-10-22	10-10-22	
Selenium	**7.6**	5.6	EPA 200.8	10-10-22	10-10-22	
Silver	**ND**	11	EPA 200.8	10-10-22	10-10-22	

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TOTAL METALS
EPA 200.8/7470A
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1010WM1					
Arsenic	**ND**	3.3	EPA 200.8	10-10-22	10-10-22	
Barium	**ND**	28	EPA 200.8	10-10-22	10-10-22	
Cadmium	**ND**	4.4	EPA 200.8	10-10-22	10-10-22	
Chromium	**ND**	11	EPA 200.8	10-10-22	10-10-22	
Lead	**ND**	1.1	EPA 200.8	10-10-22	10-10-22	
Selenium	**ND**	5.6	EPA 200.8	10-10-22	10-10-22	
Silver	**ND**	11	EPA 200.8	10-10-22	10-10-22	
Laboratory ID:	MB1010W1					
Mercury	**ND**	0.50	EPA 7470A	10-10-22	10-10-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	09-267-05									
	ORIG	DUP								
Arsenic	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Barium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Cadmium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Chromium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Lead	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Selenium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Silver	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Laboratory ID:	09-267-05									
Mercury	**ND**	**ND**	NA	NA		NA	NA	NA	20	
MATRIX SPIKES										
Laboratory ID:	09-267-05									
	MS	MSD	MS	MSD		MS	MSD			
Arsenic	**117**	**112**	111	111	ND	**105**	**101**	75-125	4	20
Barium	**140**	**132**	111	111	16.1	**112**	**105**	75-125	6	20
Cadmium	**111**	**108**	111	111	ND	**100**	**98**	75-125	2	20
Chromium	**124**	**120**	111	111	ND	**112**	**108**	75-125	4	20
Lead	**119**	**113**	111	111	ND	**107**	**102**	75-125	5	20
Selenium	**107**	**102**	111	111	ND	**97**	**92**	75-125	5	20
Silver	**122**	**115**	111	111	ND	**110**	**103**	75-125	6	20
Laboratory ID:	09-267-05									
Mercury	**12.6**	**12.7**	12.5	12.5	ND	**101**	**101**	75-125	0	20

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1,2-DIBROMOETHANE (EDB)
EPA 8011

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**MW3-10-3-22-GW**					
Laboratory ID:	10-034-01					
EDB	**ND**	0.14	EPA 8011	10-7-22	10-7-22	U1
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*208*	*50-163*				F
Client ID:	**MW6-10-3-22-GW**					
Laboratory ID:	10-034-02					
EDB	**ND**	0.010	EPA 8011	10-10-22	10-10-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*73*	*50-163*				
Client ID:	**MW5-10-3-22-GW**					
Laboratory ID:	10-034-03					
EDB	**ND**	0.010	EPA 8011	10-7-22	10-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*74*	*50-163*				
Client ID:	**MW4-10-3-22-GW**					
Laboratory ID:	10-034-04					
EDB	**ND**	0.010	EPA 8011	10-7-22	10-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*110*	*50-163*				
Client ID:	**MW1-10-3-22-GW**					
Laboratory ID:	10-034-05					
EDB	**ND**	0.010	EPA 8011	10-10-22	10-10-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*63*	*50-163*				
Client ID:	**MW2-10-3-22-GW**					
Laboratory ID:	10-034-06					
EDB	**ND**	0.010	EPA 8011	10-7-22	10-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*77*	*50-163*				

Date of Report: October 10, 2022
Samples Submitted: October 5, 2022
Laboratory Reference: 2210-034
Project: E2022/0805; 1201 S. 1st St Yakima

1,2-DIBROMOETHANE (EDB)
EPA 8011
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB1007W1					
EDB	**ND**	0.010	EPA 8011	10-7-22	10-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*71*	*50-163*				
Laboratory ID:	MB1010W1					
EDB	**ND**	0.010	EPA 8011	10-10-22	10-10-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
TCMX	*72*	*50-163*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB1007W1										
	SB	SBD	SB	SBD		SB	SBD				
EDB	**0.0735**	**0.0727**	0.100	0.100	N/A	**74**	**73**	71-125	1	15	
DBCP	**0.0771**	**0.0774**	0.100	0.100	N/A	**77**	**77**	61-126	0	15	
Surrogate:											
TCMX						*85*	*79*	*50-163*			
Laboratory ID:	SB1010W1										
	SB	SBD	SB	SBD		SB	SBD				
EDB	**0.0741**	**0.0829**	0.100	0.100	N/A	**74**	**83**	71-125	11	15	
DBCP	**0.0820**	**0.0864**	0.100	0.100	N/A	**82**	**86**	61-126	5	15	
Surrogate:											
TCMX						*72*	*59*	*50-163*			

OnSite Environmental Inc.

Data Qualifiers and Abbreviations

A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.

B - The analyte indicated was also found in the blank sample.

C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.

E - The value reported exceeds the quantitation range and is an estimate.

F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.

H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.

I - Compound recovery is outside of the control limits.

J - The value reported was below the practical quantitation limit. The value is an estimate.

K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.

L - The RPD is outside of the control limits.

M - Hydrocarbons in the gasoline range are impacting the diesel range result.

M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.

N - Hydrocarbons in the lube oil range are impacting the diesel range result.

N1 - Hydrocarbons in diesel range are impacting lube oil range results.

O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.

P - The RPD of the detected concentrations between the two columns is greater than 40.

Q - Surrogate recovery is outside of the control limits.

S - Surrogate recovery data is not available due to the necessary dilution of the sample.

T - The sample chromatogram is not similar to a typical _____.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

U1 - The practical quantitation limit is elevated due to interferences present in the sample.

V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.

W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.

X - Sample extract treated with a mercury cleanup procedure.

X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.

X2 - Sample extract treated with a silica gel cleanup procedure.

Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Z -

ND - Not Detected at PQL
PQL - Practical Quantitation Limit
RPD - Relative Percent Difference

Chain of Custody

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Analytical Laboratory Testing Services
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Phone: (425) 883-3881 • www.onsite-env.com

Company: BMEC
Project Number: E2022/0805
Project Name: 1201 S. 1ST St YAKIMA
Project Manager: P. TRABUSINER/B. BERLEBON
Sampled by: Y. MEYER

Turnaround Request (in working days)
(Check One)
☐ Same Day ☐ 1 Day
☐ 2 Days ☒ 3 Days
☐ Standard (7 Days)
☐ _____ (other)

Laboratory Number: 10-034

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX (8021☐ 8260☐)	NWTPH-Gx	NWTPH-Dx (Acid / SG Clean-up☐)	Volatiles 8260	Halogenated Volatiles 8260	EDB EPA 8011 (Waters Only)	Semivolatiles 8270/SIM (with low-level PAHs)	PAHs 8270/SIM (low-level)	PCBs 8082	Organochlorine Pesticides 8081	Organophosphorus Pesticides 8270/SIM	Chlorinated Acid Herbicides 8151	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664	EDB				% Moisture
1	MW3-10-3-22-GW	10-3-22	1000	H_2O	10			X	X	X									X				X				
2	MW6-10-3-22-GW	↓	1120	↓	↓			↓	↓	↓									↓				↓				
3	MW5-10-3-22-GW		1320 ~~1430~~																								
4	MW4-10-3-22-GW		1430																								
5	MW1-10-3-22-GW		1530																								
6	MW2-10-3-22-GW		1620																								

	Signature	Company	Date	Time
Relinquished		BMEC	10-4-22	1000
Received		ORE	10/5/22	1315
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

Data Package: Standard ☐ Level III ☐ Level IV ☐

Chromatograms with final report ☐ Electronic Data Deliverables (EDDs) ☐