FEBRUARY 1, 2022
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

March 4, 2022

Prepared for:

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And

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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 1/3/2022 LG #2267, expires 1/3/2022
Project Number:	E2021/0910
Report Date:	March 4, 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 February 1, 2022, Blue Mountain Environmental and Consulting Company, Inc. (BMEC) mobilized to Hahn Motors Company at 1201 South 1st Street in Yakima, Washington 98901 (Site) and supervised Environmental West Explorations (EWE) during the advancement of six soil borings. BMEC and the Washington Department of Ecology (Ecology) also refer to the site as the Douglas F Bettarel Estate site. The Site is located at 1201 South 1st Street in Yakima, Washington 98901. A Site Vicinity Map of the property is included as **Figure 1**.

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 and 3**). The Site consists of one tax parcel (191330-13032), 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 Ms. Debra Manjarrez, as the Executor of the said estate.

One building is located on the Site (**Figures 2 and 3**). 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 engine washing garage 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.

1.3 Site History

The existing facility was built in 1946 by Hahn Motors Company. A oil-fired boiler had been installed at the north side of the buildings basement, initially with a 2,000 gallon heating oil UST in the sidewalk of East Arlington Street to provide heat for the facility. A second 2,000-gallon UST was installed next to it in the mid-1970's and the original boiler was converted to burn used motor oil (waste oil), which was readily available in the automobile service shop.

Both tanks were removed in November 2007 at which time a minor site assessment was conducted involving petroleum-contaminated soil (PCS) removal related to over-filling of the tank(s). The

approximate locations of the two former tanks are illustrated on **Figure 3**. 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. Our subject site is located near the center of the YRRA, within its impact radius with chlorinated solvents, primarily tetrachloroethylene (PCE). Fifteen of the 39 groundwater samples collected from wells within 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.

2.0 GEOLOGY AND HYDROGEOLOGY

Based on the subsurface investigation field activities conducted at the Site on February 1, 2022, the following geologic soil conditions were encountered in soil borings SB1 through SB4 and SB6:

- 0 – 0.25': Asphalt; and
- 0.25 - 25': Brown to dark brown, sandy, well-rounded, coarse GRAVEL & COBBLES, with little silt, loose (GW).

Similar lithology was encountered in soil boring SB5 to a depth of 9 feet bgs where a foot of pea gravel was encountered (9 – 10 feet bgs). From 1- to 22 feet bgs, brown, sandy SILT with some well-rounded gravel and cobbles, loose (ML), was encountered. From 22 to 25 feet bgs, brown sandy, coarse, well-rounded GRAVEL, loose (GW), was again encountered. Copies of the boring logs for the six soil borings advanced on February 1, 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. The groundwater flow direction is inferred to be to the east toward the Yakima River which is approximately 1.5 miles east of the Site. Based on data collected during the 2017 YRRA groundwater sampling event(s), depth to shallow groundwater between 3 to 30 feet bgs and flowed to the southeast with an approximate horizontal 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 upgrading their 2,000-gallon USTs prior to storage in both of them with waste oil. Via directive from Ecology as defined in the July 26, 2007 certified mail, both USTs were decommissioned via 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. within the 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.

4.0 FEBRUARY 1, 2022 SUBSURFACE INVESTIGATION ACTIVITIES

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 EWE personnel. Continuous soil samples were brought to the surface via core barrel and sample bag methodology. Photographs of the field activities conducted at the Site on February 1, 2022, are included in **Appendix C**.

The Scope of Work (SOW) conducted during the February 1, 2022 subsurface investigation activities were based on communication with Ecology via their "Further Action at the Site" letter dated February 23, 2016. The two primary areas of concern according to the February 2016 Ecology letter were as follows:

- Waste oil and associated chemicals released from the underground storage tanks (USTS) into soil and groundwater; and
- Petroleum hydrocarbons and other chemicals released from sumps to soil and groundwater.

Based on the findings of the February 23, 2016 letter, Ecology has concluded the following:

- Further soil and groundwater characterization of the Site is necessary in the vicinity of the USTs and dry wells to the south of the automotive washing bays;
- Cleanup levels and points of compliance need to be established;
- Characterization must be sufficient enough to select a cleanup action; and
- Cleanup action performed at the Site as of February 23, 2016 is not sufficient to close the Site.

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

The rationale for choosing the locations of soil borings SB1 through SB6 was to follow the DOE recommendation and to assess the potential for contaminants of concern (COCs) in soil and groundwater within the vicinity of the two dry wells located to the south of the automobile bays, and to assess the potential for COCs in the soil and groundwater within the vicinity of the two former 2,000-gallon waste oil USTs.

Soil collected from all six borings was field screened via visual observation, olfactory 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 record on the boring logs, as well. Photographs of soil lithology encountered in certain soil borings are included in **Appendix C**.

A total of 21 soil samples and three groundwater samples were collected from the six soil borings and relinquished to OnSite Environmental in Redmond, Washington for a combination of the following analyses:

- Hydrocarbon Identification via Northwest Method NWTPH-HCID;
- 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;
- Volatile organic compounds (VOCs) via EPA Method 8260D;
- Polynuclear aromatic hydrocarbons (PAHs) via EPA Method 8270E SIM; and
- Polychlorinated biphenyls (PCBs) via EPA Method 8082A.

The 21 soil samples were collected from all six borings. Each sample was obtained in one 4-ounce soil container with Teflon-lined lid and four 40-milliliter (mL) glass vials preserved with methanol or sodium bisulfide. The locations of the six soil borings (SB1 through SB6) are illustrated on **Figure 3**.

Prior to purging approximately 1 to 2 gallons of groundwater per sample (SB1, SB3, and SB5), depth-to-water measurements were obtained from all six soil borings with a Solinst interface meter Model 155. The three groundwater samples were collected from soil borings SB1, SB3, and SB5 via peristaltic pump and dedicated tubing. 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 three soil borings from which groundwater samples were collected are illustrated on **Figure 3.**

Each soil and groundwater sample jar was labeled and properly sealed, prior to being secured in a cooler with ice. A fresh pair of nitrile gloves was donned prior to collection of each successive sample.

All soil cuttings and purged groundwater (approximately four gallons) were containerized in one of three 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 SOIL AND GROUNDWATER SAMPLE RESULTS

This section discusses the analytical results of the 21 soil samples and three groundwater samples collected from the Site during the February 1, 2022 subsurface investigation activities. Each of the soil and groundwater samples was analyzed for a combination of HCID, TPH-D, TPH-O, TPH-G, VOCs, RCRA metals, PAHs, and PCBs.

5.1 Soil Sample Results

As indicated on **Table 1**, TPH-Dx was performed on three soil samples. 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 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.

As indicated on **Table 2**, 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'.

As indicated on **Table 3**, RCRA metals analyses was performed on all 21 soil samples. Arsenic, mercury, selenium, and silver were not detected above the laboratory practical quantitation limits (PQLs) in any of the samples. Barium was detected in all 21 samples at concentrations ranging from 24 mg/Kg in sample SB5-2-1-22-10' to 79 mg/Kg in sample SB5-2-1-22-20'. No MTCA Method A Cleanup Levels currently exist for barium in soil. 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.

As indicated on **Table 4**, 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'.

As indicated on **Table 5**, PCBs were analyzed for in three soil samples (SB1-2-1-22-10'; SB5-2-1-22-10'; and SB5-2-1-22-15'). PCBs were not detected above the laboratory PQLs in any of the three soil samples.

A complete copy of the soil sample laboratory analytical results and accompanying chain-of-custody documentation for the February 1, 2022 subsurface investigation are included in **Appendix D**.

5.2 Groundwater Sample Results

As indicated on **Table 6**, 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 (**Figure 3**).

As indicated on **Table 7**, 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.

As indicated on **Table 8**, RCRA (total) metals were analyzed for in all three groundwater samples (SB1-2-1-22-GW, SB3-2-1-22-GW, and SB5-2-1-22-GW). Aside from silver, a combination of RCRA (total) metals were detected in all three groundwater samples. Mercury was detected at concentrations ranging from 0.59 µg/L (SB3-2-1-22-GW) to 1.1 µg/L (SB1-2-1-22-GW). The MTCA Method A Cleanup Level for mercury in groundwater is 2.0 µg/L. Barium was detected at concentrations ranging from 1800 µg/L (SB3-2-1-22-GW) to 5800 µg/L (SB5-2-1-22-GW). A MTCA Method A Cleanup Level for barium does not currently exist. Selenium was detected in samples SB1-2-1-22-GW at 6.3 µg/L and 11 µg/L, respectively. A MTCA Method A Cleanup Level for selenium does not currently exist. 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 (**Figure 3**).

As indicated on **Table 9**, 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.

As indicated on **Table 10**, 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 PQLs in any of the three samples.

A complete copy of the groundwater sample laboratory analytical results and accompanying chain-of-custody documentation for the February 1, 2022 subsurface investigation are included in **Appendix D**.

6.0 CONCLUSIONS

The soil encountered during the February 1, 2022 field activities were a brown to dark brown, sandy, well-rounded, coarse GRAVEL & COBBLES, with little silt, loose (GW). Depth-to-water ranged from 11 feet btoc in soil boring SB1 to18 feet btoc in soil boring SB4. The groundwater flow direction beneath the Site is inferred to be the east toward the Yakima River but has yet to be confirmed.

The MTCA Method A Cleanup Level for TPH-D + TPH-O is 2000 mg/Kg which was exceeded in samples SB1-2-1-22-10’ (2070 mg/Kg) and SB5-2-1-22-10’ (6900 mg/Kg).

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 do 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’.

Arsenic, mercury, selenium, and silver were not detected above the laboratory PQLs in any of the 21 soil samples. Barium was detected in all 21 samples at concentrations ranging from 24 mg/Kg in sample SB5-2-1-22-10’ to 79 mg/Kg in sample SB5-2-1-22-20’. No MTCA Method A Cleanup Levels currently exist for barium in soil. 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 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'.

PCBs were not detected above the laboratory PQLs in any of the three soil samples analyzed (SB1-2-1-22-10', SB5-2-1-22-10', and SB5-2-1-22-15').

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.

Aside from silver, a combination of RCRA (total) metals were detected in all three groundwater samples. Mercury was detected at concentrations ranging from 0.59 µg/L (SB3-2-1-22-GW) to 1.1 µg/L (SB1-2-1-22-GW). The MTCA Method A Cleanup Level for mercury in groundwater is 2.0 µg/L. Barium was detected at concentrations ranging from 1800 µg/L (SB3-2-1-22-GW) to 5800 µg/L (SB5-2-1-22-GW). A MTCA Method A Cleanup Level for barium does not currently exist. Selenium was detected in samples SB1-2-1-22-GW at 6.3 µg/L and 11 µg/L, respectively. A MTCA Method A Cleanup Level for selenium does not currently exist. 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 PQLs in any of the three samples.

The automobile engine washing activities as witnessed on February 1, 2022 by BMEC personnel, appear to have heavily impacted the soil and groundwater in the vicinity of the exterior dry wells, immediately outside (down-slope) the engine washing bay, with RCRA metals, TPH-Dx and TPH-Gx contaminants. PCE is present in the groundwater beneath the Site, but not at concentrations exceeding MTCA Method A Cleanup Levels.

7.0 RECOMMENDATIONS

Based on the documentation that was made available to BMEC prior to February 2022, along with the field data collected from the Site by BMEC during the February 2, 2022 subsurface investigation, we make the following recommendations:

1) Install a network of monitoring wells (five to six) at the Site to better assess contaminants of concern in the groundwater, as well as confirm the groundwater flow direction beneath the Site. At a minimum, one well should be place up-gradient to assess on-site migration of contaminants; one well should be placed in the immediate vicinity of the two former 2000-gallon USTs; one well should be place in the vicinity of the two dry wells; one well should be placed inside the auto repair bay near an inside sump drain; and one to two wells should be placed down-gradient near the property boundary.
2) Immediately cease all engine washing operations inside the automobile shop interior (southeast corner of building). These activities appear to have heavily impacted the soil and groundwater in the vicinity of the exterior dry wells, immediately outside the engine washing bay, with RCRA metals, TPH-Dx and TPH-Gx contaminants.
3) Decommission of both dry wells via removal and excavation of contaminated soils.
4) Conduct a minimum of four 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.
5) 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.
6) Complete reports documenting all future field activities. BMEC plans to compare all future soil and groundwater sampling results to MTCA Method A Cleanup Levels.

8.0 STATEMENT OF ENVIRONMENTAL PROFESSIONALS

BMEC personnel performed these subsurface investigation field activities on February 1, 2022, 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.

Brent N. Bergeron

Expires 1/3/23

Brent N. Bergeron, LHG, LG

Yancy Meyer, Environmental Professional

9.0 REFERENCES

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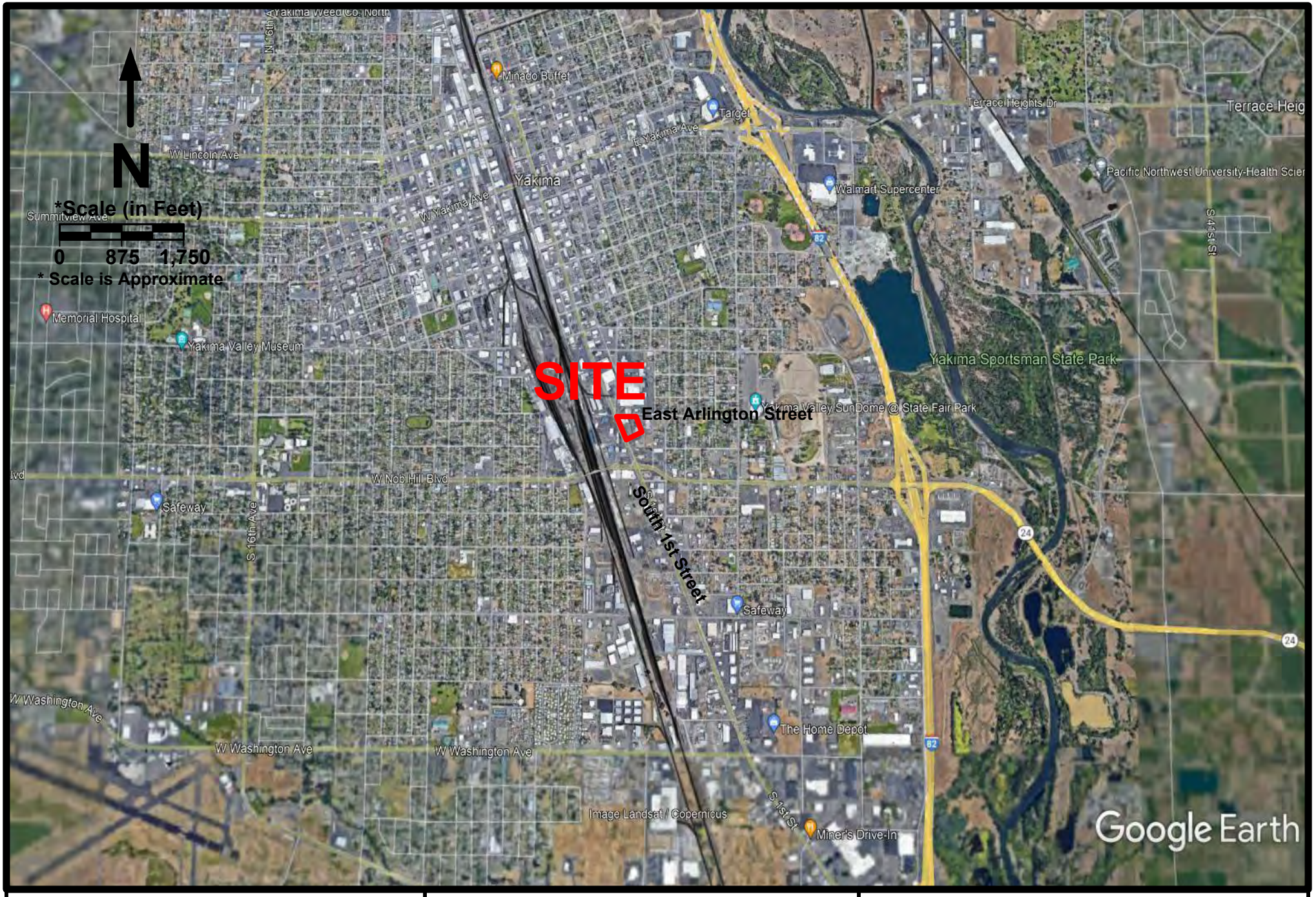

BMEC **P.O. Box 545/125 Main Street** **Waitsburg, Washington 99361**	**FIGURE 1 – SITE VICINITY MAP**	**Hahn Motors Company** **1201 South 1st Street** **Yakima, Washington 98901**

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**

TABLE 1

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					
SB1-2-1-22-10'	10'	2/1/22	**670**	**1400**	**220**
SB5-2-1-22-10'	10'	2/1/22	< 660	**6900**	NA
SB5-2-1-22-15'	15'	2/1/22	< 140	**1100**	NA
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 2

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	Isopropyl-benzene	n-Propyl-benzene	p-Isopropyl-toluene	MTBE	Naphthalene	124-TMB	135-TMB
SUBSURFACE INVESTIGATION (BMEC) - FEBRUARY 2022															
SB1-2-1-22-10'	10'	2/1/22	< 0.054	< 0.27	**0.22**	**1.74**	< 0.054	< 0.054	< 0.054	**0.17**	**0.11**	< 0.054	**0.44**	**1.3**	**0.49**
SB3-2-1-22-25'	25'	2/1/22	< 0.00075	< 0.0038	< 0.00075	< 0.00225	< 0.00075	< 0.00075	< 0.00075	< 0.00075	< 0.00075	< 0.00075	< 0.0038	< 0.00075	< 0.00075
SB5-2-1-22-20'	20'	2/1/22	< 0.0012	< 0.0061	< 0.0012	< 0.0036	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0061	< 0.0012	< 0.0012
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 3

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
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 4

Soil Sample Results - Polynuclear Aromatic Hydrocarbons (mg/Kg)

1201 South First Street

Yakima, Washington 98901

Sample I.D.	Depth (ft bsg)	Date Collected	Polynuclear Aromatic Hydrocarbons by EPA Method 8270D SIM (mg/Kg)																	
			Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(j,k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalnee	Naphthalene	Phenanthrene	Pyrene
SUBSURFACE INVESTIGATION (BMEC) 2 1 22																				
SB1-2-1-22-10'	10'	2/1/22	< 0.0073	< 0.0073	< 0.0073	**0.0097**	**0.0096**	**0.022**	**0.0078**	**0.022**	**0.019**	< 0.0073	**0.032**	< 0.0077	**0.013**	**0.27**	**0.48**	**0.26**	**0.030**	**0.081**
SB3-2-1-22-25'	25'	2/1/22	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075	< 0.0075
SB5-2-1-22-20'	20'	2/1/22	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077	< 0.0077
Ecology MTCA Method A Soil Cleanup Levels for Unrestricted Land Use (mg/Kg)																				
Unrestricted Land Use			DNE	DNE	DNE	see below	0.1 [1]	see below	see below	DNE	see below	see below	DNE	DNE	see below	DNE	DNE	5 [2]	DNE	DNE

Notes:

[1] MTCA Method A Cleanup Level for Unrestricted Land Use for Benzo(a)pyrene is 0.1 mg/Kg. However, this value is a **cumulative value** which encompasses **A SUM OF ALL** of the following carcinogenic PAHs at the noted multiplier in parantheses: benzo(a)pyrene (x 1) + benzo(a)anthracene (x 0.1) + benzo(b)fluoranthene (x 0.1) + benzo(k)fluoranthene (x 0.1) + chrysene (x 0.01) + dibenz(a,h)anthracene (x 0.1) + indeno(1,2,3-cd)pyrene (x 0.1).

[2] MTCA Method A Cleanup Level for Unrestricted Land Use for Naphthalene 5,000 µg/Kg. However, this value is a cumulative value which encompasses A SUM OF ALL of the naphthalenes: naphthalene + 1-methylnaphthalene + 2-methylnaphthalene.

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
Soil Sample - Polychlorinated Biphenyls Results via EPA Method 8082A (mg/Kg)
Hahn Motors Company
1201 South First Street
Yakima, Washington 98901

Sample I.D.	Depth (ft bsg)	Date Collected	PolyChlorinated Biphenyls by EPA Method 8082A (mg/Kg)						
			Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
SB1-2-1-22-10'	10'	2/1/22	< 0.052	< 0.052	< 0.052	< 0.052	< 0.052	< 0.052	< 0.052
SB5-2-1-22-10'	10'	2/1/22	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053	< 0.053
SB5-2-1-22-15'	15'	2/1/22	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058	< 0.058
MTCA Method A Cleanup Levels For Unrestricted Land Use (mg/Kg)									
Cleanup Level [1]			1	1	1	1	1	1	1

Notes:

[1] Soil Cleanup Level for polychlornated biphenyls (PCBs) = 1 mg/Kg and includes a cumulative value for all seven Aroclors.

DNE = Cleanup Level Does Not Exist for this analyte.

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

TABLE 6

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
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 7

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	Isopropyl-benzene	n-Propyl-benzene	MTBE	Naphthalene	124-TMB	135-TMB	Methyl Isobutyl Ketone	sec-Butyl-benzene	p-Isopropyltoluene	n-Butylbenzene	Acetone	Cabon Disulfde	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**	**5.4**	**0.69**	**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	< 2.0	< 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	< 2.0	< 0.20	< 0.20	< 0.20	**32**	< 0.20	**7.7**	**5.2**	**1.3**
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	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 8

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
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

TABLE 9

Groundwater Sample Results - Polynuclear Aromatic Hydrocarbons (µg/L)

1201 South First Street

Yakima, Washington 98901

Sample I.D.	Date Collected	Polynuclear Aromatic Hydrocarbons by EPA Method 8270D SIM (µg/L)																	
		Acenaphthene	Acenaphthylene	Anthracene	Benz(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalnee	Naphthalenes	Phenanthrene	Pyrene
SUBSURFAE INVESTIGATION (BMEC) - 2 1 22																			
SB1-2-1-22-GW	2/1/22	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.10	< 0.10	< 0.050	< 0.10	< 0.10	< 0.16	< 0.10	**1.6**	**1.7**	**2.8**	< 0.10	< 0.10
SB3-2-1-22-GW	2/1/22	< 0.096	< 0.096	< 0.096	< 0.0096	< 0.0096	< 0.0096	< 0.0096	< 0.0096	< 0.0096	< 0.0096	< 0.096	< 0.096	< 0.0096	**1.1**	**1.7**	**0.46**	< 0.096	< 0.096
SB5-2-1-22-GW	2/1/22	< 0.12	< 0.12	< 0.12	< 0.012	< 0.012	< 0.012	< 0.012	< 0.025	< 0.012	< 0.012	< 0.12	< 0.12	< 0.012	**0.33**	**0.42**	**0.28**	< 0.12	< 0.12
Ecology MTCA Method A Groundwater Cleanup Levels (µg/L)																			
Cleanup Levels		DNE	DNE	DNE	see below	0.1 [1]	see below	see below	see below	see below	see below	DNE	DNE	see below	160 [2]			DNE	DNE

Notes:

[1] MTCA Method A Cleanup Level for Benzo(a)pyrene is 0.1 µg/L. However, this value is a **cumulative value** which encompasses **A SUM OF ALL** of the following carcinogenic PAHs at the noted multiplier in parantheses: benzo(a)pyrene (x 1) + benzo(a)anthracene (x 0.1) + benzo(b)fluoranthene (x 0.1) + benzo(k)fluoranthene (x 0.1) + chrysene (x 0.01) + dibenz(a,h)anthracene (x 0.1) + indeno(1,2,3-cd)pyrene (x 0.1).

[2] MTCA Method A Cleanup Level for Naphthalene is 160 µg/L. However, this value is a cumulative value which encompasses A SUM OF ALL of the naphthalenes: naphthalene + 1-methylnaphthalene + 2-methylnaphthalene.

MTCA = Model Toxics Control Act

NA = Not Analyzed

DNE = Does Not Exist

ft bsg = feet below surface grade

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

BOLD = sample yielded detectable concentration of analyzed compound

TABLE 10

Groundwater Sample - Polychlorinated Biphenyls Results via EPA Method 8082A (µg/L)

Former Hahn Motors
1201 South First Street
Yakima, Washington 98901

Sample I.D.	Date Collected	PolyChlorinated Biphenyls by EPA Method 8082A (µg/L)						
		Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260
Grab Groundwater Samples Via Temporary Borings								
SB1-2-1-22-GW	2/1/22	< 0.052	< 0.052	< 0.052	< 0.052	< 0.052	< 0.052	< 0.052
SB3-2-1-22-GW	2/1/22	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022
SB5-2-1-22-GW	2/1/22	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
MTCA Method A Cleanup Levels (µg/L)								
Cleanup Level [1]		1	1	1	1	1	1	1

Notes:

[1] Groundwater Cleanup Level for polychlornated biphenyls (PCBs) = 1 µg/L and includes a cumulative value for all seven Aroclors.

DNE = Cleanup Level Does Not Exist for this analyte.

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

APPENDIX A

MAPS OF PREVIOUS SAMPLE LOCATIONS (2007 – 2021)

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

February 23, 2016

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. First St.

N ↑ Bldg (Bay | Bay) DW → SB-1

BORING/WELL CONSTRUCTION LOG

Project Number E2021-0910	Boring/Well Number SB-1
Project Name Hahn Motor Company	Date Drilled 2/1/22
Location 201 South First Street - Yakima, WA	Casing Type/Diameter 4"
Drilling Method Sonic	Screen Type/Slot PVC @ 10-15' / 0.010"
Sampling Method Core Barrel / Sample Bag	Gravel Pack Type NA
Ground Elevation NA	Grout Type Bentonite
Top of Casing Elevation NA	Depth to Water/Date 11' 2/1/22
Logged by B. Bergeron	Ground Water Elevation/Date NA
Remarks GW sample = SB1-2-1-22-GW	Drilling Co. Environmental West Explorations (EWE)

PID (ppm)	Blow Counts	Recovery (%)	Sampling Method	Sample	Depth (ft. BGL)	U.S.C.S	Graphic Log	Lithologic Description	Contact Depth	Well Diagram
0	NA							0-0.25': Asphalt		
0.1								0.25-7': Dark brown, silty, sandy, coarse GRAVEL & COBBLE, well-rounded, damp-moist, loose.		
0						GW				
0										
0	SB1-2-1-22-5'			X	5				5.0	
0.1										
1.6	SB1-2-1-22-7'			X						
1.7						GW		7-10': DK gray, well-rounded, coarse GRAVEL & COBBLE, some sand, wet, strong petro odor (weathered motor oil ?), loose.		
1.6										
1.5	SB-2-1-22-10'			X	10				10.0	
5.5					1230 ▼			10-13': DK gray, sandy, well-rounded GRAVEL & COBBLE, coarse, little silt, loose, spo, wet.		
6.1										
7.5						GW				
6.0								13-15': DK brown, sandy, well-rounded GRAVEL & COBBLE, loose, damp.		
0.5	SB-2-1-22-15'			X	15				15.0	
								TD=15'		
					20				20.0	
					25				25.0	
					30				30.0	

E. Arlington St.

S. First Street

N

Bldg (Bay, Bay)

SB2 ⊕ Dry Well 2

BORING/WELL CONSTRUCTION LOG

Project Number E2021-0910	Boring/Well Number SB-2
Project Name Hahn Motor Company	Date Drilled 2/1/22
Location 1201 S. First St - Yakima, WA	Casing Type/Diameter 4"
Drilling Method Sonic	Screen Type/Slot NA
Sampling Method Core Barrel / Sample Bag	Gravel Pack Type NA
Ground Elevation NA	Grout Type Bentonite
Top of Casing Elevation NA	Depth to Water/Date NA
Logged by B. Bergeron	Ground Water Elevation/Date NA
Remarks	Drilling Co. Env West Explorations

PID (ppm)	Blow Counts	Recovery (%)	Sampling Method	Sample	Depth (ft. BGL.)	U.S.C.S	Graphic Log	Lithologic Description	Contact Depth	Well Diagram
0	NA					GW		0-0.25': Asphalt 0.25-15': Brown, sandy, well-rounded, coarse GRAVEL & COBBLE, little silt, loose, damp.		
0.8	SB2-2-1-22-5			X	5				5.0	
0	SB2-2-1-22-10			X	10	GW			10.0	
0	SB2-2-1-22-15'			X	15	GW		TD = 15'	15.0	
					20				20.0	
					25				25.0	
					30				30.0	

E. Arlington St.

S. First Street

N

Bldg (Bay 1 | Bay 1)

DW1 ⊕ DW2 ⊕ SB3

BORING/WELL CONSTRUCTION LOG

Project Number E2021-0910	Boring/Well Number SB3
Project Name Hahn Motor Co.	Date Drilled 2/1/22
Location 1201 S. First St - Yakima, WA	Casing Type/Diameter 4" → 6"
Drilling Method Sonic	Screen Type/Slot 0.010" slotted PVC @ 15-25'
Sampling Method Core Barrel/Sample Bag	Gravel Pack Type NA
Ground Elevation NA	Grout Type Bentonite
Top of Casing Elevation NA	Depth to Water/Date 16.3' 2/1/22
Logged by B. Bergeron	Ground Water Elevation/Date
Remarks PID @ 25' likely due to excessive heat!	Drilling Co. Env. West Explorations

GW Sample = SB3-2-1-22-GW

PID (ppm)	Blow Counts	Recovery (%)	Sampling Method	Sample	Depth (ft. BGL)	U.S.C.S	Graphic Log	Lithologic Description	Contact Depth	Well Diagram
0	NA					GW		0-0.25': Asphalt 0.25-20': Brown, sandy, well-rounded, coarse GRAVEL & COBBLE, little silt, loose, damp.		
0										
0										
0										
0.7					5					
0	SB3-2-1-22-5			X					5.0	
0						GW				
0										
0										
0										
0					10					
0	SB3-2-1-22-10'			X					10.0	
0						GW				
0										
0										
0										
0					15					
0.2									15.0	
0.1			2/1/22 ▼			GW				
0										
0										
0								COBBLE-zone @ 18.5-19.5'		
0.2					20					
0								20-25': Brown, silty, well-rounded; coarse GRAVEL, little sand, V. moist to wet, loose. No odor!	20.0	
0						GW				
0										
0.8					25					
2.0	SB3-2-1-22-25'			X					25.0	
								TD = 25'		
					30				30.0	

E. Arlington St.

S. First St.

UST UST

SB4

Bldg

N

BORING/WELL CONSTRUCTION LOG

Project Number E2021-0910	Boring/Well Number SB4
Project Name Hahn Motor Co.	Date Drilled 2/1/22
Location 1201 S. First St - Yakima, WA	Casing Type/Diameter 4"
Drilling Method Sonic	Screen Type/Slot NA
Sampling Method Core Barrel / Sample Bag	Gravel Pack Type NA
Ground Elevation NA	Grout Type Bentonite
Top of Casing Elevation NA	Depth to Water/Date 18'. 1605
Logged by B. Bergeron	Ground Water Elevation/Date NA
Remarks	Drilling Co. Env West Explorations

PID (ppm)	Blow Counts	Recovery (%)	Sampling Method	Sample	Depth (ft. BGL.)	U.S.C.S	Graphic Log	Lithologic Description	Contact Depth	Well Diagram
0	NA					GW		0-0.25': Asphalt 0.25-5': Dark brown, sandy, well-rounded, coarse GRAVEL, little silt, loose, damp.		
0	SB4-2-1-22-5'			X	5				5.0	
0						GP		5-11': Gray, well-rounded, coarse GRAVEL & COBBLES, loose, dry.		
0	SB4-2-1-22-10'			X	10				10.0	
0						GP GW		11-18': Gray-brown, sandy, well-rounded, coarse GRAVEL, damp, little silt, loose.		
0	SB4-2-1-22-15'			X	15				15.0	
0						GW		18-20': Brown, sandy, well-rounded, coarse GRAVEL, loose, v. moist - wet.		
0	SB4-2-1-22-20'			X	20				20.0	
								TD = 20'		
					25				25.0	
					30				30.0	

1620
1625
1630
1635

E. Arlington St

S. 1st Street

N

SB5

Bldg

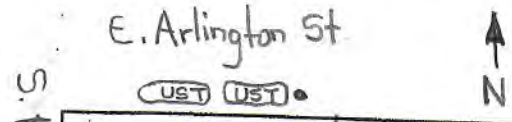
BORING/WELL CONSTRUCTION LOG

Project Number E2021-0910	Boring/Well Number SB5
Project Name Hahn Motor Co.	Date Drilled 2/1/22
Location 201 S. First St - Yakima, WA	Casing Type/Diameter 8"
Drilling Method Sonic	Screen Type/Slot 0.010" slotted PVC 15-25'
Sampling Method Core Barrel / Sample Bag	Gravel Pack Type NA
Ground Elevation NA	Grout Type Bentonite
Top of Casing Elevation NA	Depth to Water/Date 14.5' 2/1/22
Logged by B. Bergeron	Ground Water Elevation/Date NA
Remarks GW Sample = SB5-2-1-22-GW	Drilling Co. EWE

PID (ppm)	Blow Counts	Recovery (%)	Sampling Method	Sample	Depth (ft. BGL)	U.S.C.S	Graphic Log	Lithologic Description	Contact Depth	Well Diagram
0	NA					GW		0-0.25': Asphalt 0.25-5': Gray, pulverized rock & GRAVEL, coarse, well-rounded, dry.		
0					5				5.0	
0	SB5-2-1-22-5'			X		GW		5-9': Gray-brown, sandy, well-rounded, coarse GRAVEL, little silt, loose, damp.		
0	SB5-2-1-22-10'			X	10			9-10': Brown PEA GRAVEL ?		
0						ML		10-20': Dark brown, sandy SILT, some well-rounded cobbles & gravel, loose, moist.	10.0	
0		1700			14.5'					
0	SB5-2-1-22-15'			X	15				15.0	
0						ML				
0					20				20.0	
0	SB5-2-1-22-20'			X		ML		20-22': Brown mottled red SILT, little well-rounded gravel, moist, very firm/tight. 22-25': Dark brown, sandy, well-rounded, coarse GRAVEL, loose, wet.		
0					25				25.0	
								T.D = 25'		
					30				30.0	

1650
1655
1700

1800 ~~SB~~ SB5-2-1-22-GW
~~GW~~



Bldg SB6

BORING/WELL CONSTRUCTION LOG

Project Number E2021-0910
Project Name Former Hahn Motors
Location 1201 South 1st St - Yakima, WA 98901
Drilling Method Sonic
Sampling Method Core Barrel / Sample Bag
Ground Elevation NA
Top of Casing Elevation NA
Logged by Brent Bergeron, LHG
Remarks

Boring/Well Number SB6
Date Drilled 2/1/22
Casing Type/Diameter 4"
Screen Type/Slot NA
Gravel Pack Type NA
Grout Type Bentonite
Depth to Water/Date NA
Ground Water Elevation/Date NA
Drilling Co. Environmental West Explorations

PID (ppm)	Blow Counts	Recovery (%)	Sampling Method	Sample	Depth (ft. BGL)	U.S.C.S	Graphic Log	Lithologic Description	Contact Depth	Well Diagram
0						GW		0-0.25': Asphalt 0.25-12': Brown, sandy, well-rounded coarse GRAVEL & COBBLE, little silt, loose, damp.		
1.4	SB6-2-1-22-5'			X	5				5.0	
0						GW				
0	SB6-2-1-22-10'			X	10				10.0	
0						GW		10-20': 12-20': Brown, sandy GRAVEL, some silt, loose, damp.		
0	SB6-2-1-22-15'			X	15				15.0	
0						GW				
	SB6-2-1-22-20'			X	20			TD = 20'	20.0	
					25				25.0	
					30				30.0	

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APPENDIX C

PHOTOGRAPHS

Photograph 1 – View from center of Site on Tuesday, February 1, 2022, facing northeast. Field sampling table and coolers noted next to BMEC employee.

Photograph 2 – View from center of Site on Tuesday, February 1, 2022, facing northwest toward automotive garage building.

Photograph 3 – View from center of Site on Tuesday, February 1, 2022, facing west.

Photograph 4 – View from center of Site on Tuesday, February 1, 2022, facing southwest.

Photograph 5 – View from center of Site on Tuesday, February 1, 2022, facing south.

Photograph 6 – View from center of Site on Tuesday, February 1, 2022, facing southeast.

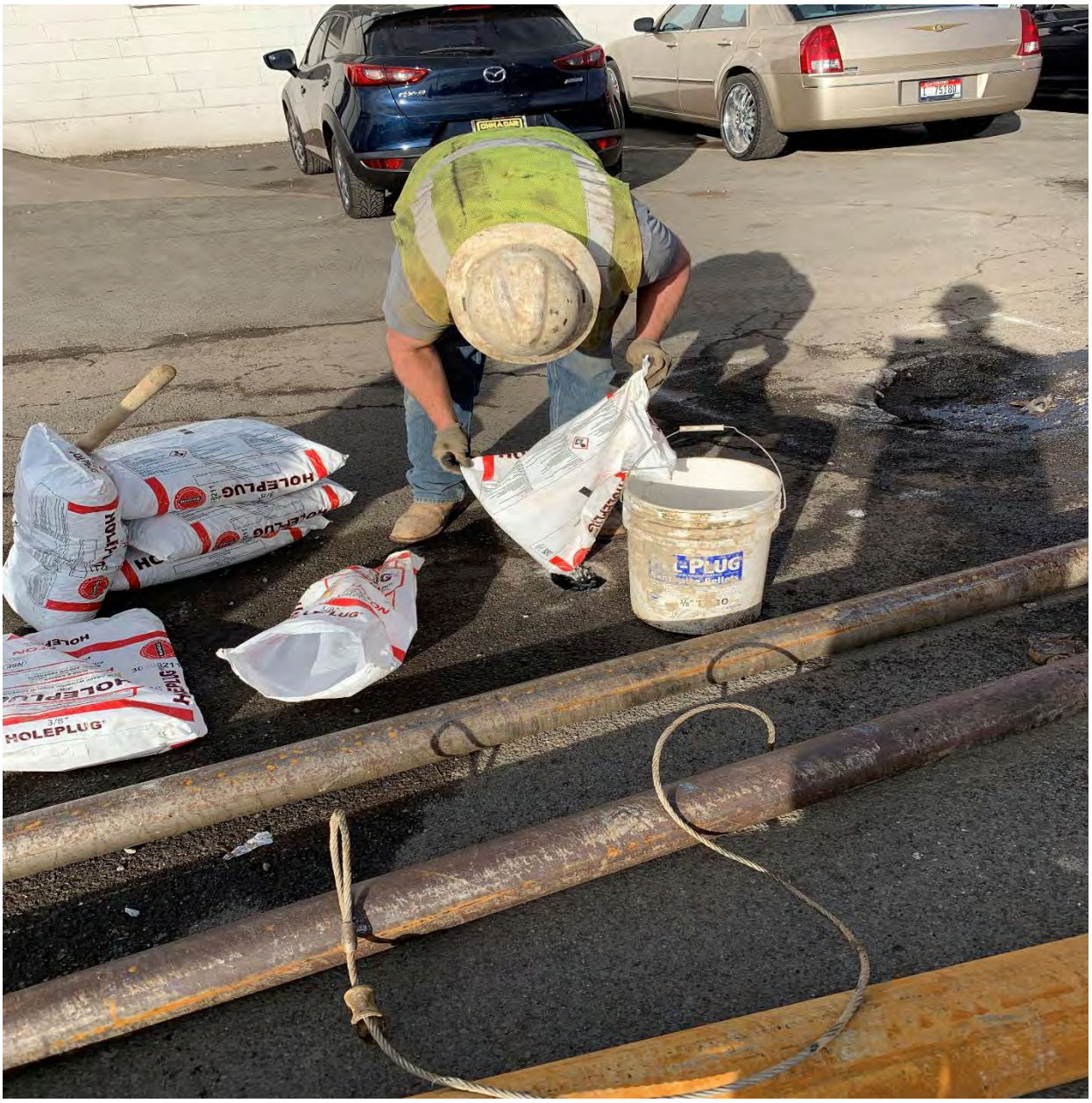
Photograph 7 – View of sonic drill rig prepared to begin drilling at soil boring SB1 on Tuesday, February 1, 2022 (facing north).

Photograph 8 – Soil lithology from 0 – 10 feet bgs in soil boring SB1. Note black, oil-stained soil from 7 – 10 feet bgs.

Photograph 9 – Soil lithology from 10 – 15 feet bgs in soil boring SB1. Note black, oil-stained soil from 10 – 14 feet bgs and relatively clean, brown soil from 14 – 15 feet bgs.

Photograph 10 – Groundwater sampling gear being utilized during the purging and collection of groundwater sample SB1-2-1-22-GW.

Photograph 11 – Drillers advancing sonic drilling rods at soil boring SB3 (facing northeast)



Photograph 12 – Driller's helper pouring bentonite pellets into soil boring SB2, subsequent to soil sample collection.

Photograph 13 – Driller's helper replacing the asphalt patch at soil boring SB1.

Photograph 14 – Soil lithology in soil boring SB4 from 0 – 10 feet bgs.

APPENDIX D

LABORATORY ANALYTICAL DOCUMENTATION

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

February 15, 2022

Yancy Meyer
Blue Mountain Environmental, Inc.
90 Baldwin Road
Walla Walla, WA 99362

Re: Analytical Data for Project E2021-0910; 1201 S. 1st St. Yakima
Laboratory Reference No. 2202-042

Dear Yancy:

Enclosed are the analytical results and associated quality control data for samples submitted on February 3, 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: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

Case Narrative

Samples were collected on February 1, 2022 and received by the laboratory on February 3, 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

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.

Some MTCA Method A cleanup levels are not achievable for sample SB1-2-1-22-10' due to the necessary dilution of the sample.

PCBs EPA 8082A Analysis

Limited volume required the sample SB5-2-1-22-GW to be extracted from 500 mL amber bottles preserved with HCl.

Sample matrix effects caused the percent recovery for the surrogate DCB in the sample SB1-2-1-22-GW (32%) to be below the quality control limits of 42-140%. All other QC associated with this sample batch was within limits. No further action was undertaken.

Please note that any other QA/QC issues associated with these extractions and analyses will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

HYDROCARBON IDENTIFICATION
NWTPH-HCID

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB1-2-1-22-5'**					
Laboratory ID:	02-042-01					
Gasoline Range Organics	**ND**	21	NWTPH-HCID	2-4-22	2-4-22	
Diesel Range Organics	**ND**	52	NWTPH-HCID	2-4-22	2-4-22	
Lube Oil Range Organics	**ND**	110	NWTPH-HCID	2-4-22	2-4-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*113*	*50-150*				
Client ID:	**SB1-2-1-22-10'**					
Laboratory ID:	02-042-02					
Gasoline Range Organics	**Detected**	22	NWTPH-HCID	2-4-22	2-9-22	
Diesel Range Organics	**Detected**	54	NWTPH-HCID	2-4-22	2-9-22	
Lube Oil Range Organics	**Detected**	110	NWTPH-HCID	2-4-22	2-9-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*118*	*50-150*				
Client ID:	**SB1-2-1-22-15'**					
Laboratory ID:	02-042-03					
Gasoline Range Organics	**ND**	22	NWTPH-HCID	2-4-22	2-4-22	
Diesel Range Organics	**ND**	55	NWTPH-HCID	2-4-22	2-4-22	
Lube Oil Range Organics	**ND**	110	NWTPH-HCID	2-4-22	2-4-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*112*	*50-150*				
Client ID:	**SB2-2-1-22-5'**					
Laboratory ID:	02-042-05					
Gasoline Range Organics	**ND**	21	NWTPH-HCID	2-4-22	2-4-22	
Diesel Range Organics	**ND**	52	NWTPH-HCID	2-4-22	2-4-22	
Lube Oil Range Organics	**ND**	110	NWTPH-HCID	2-4-22	2-4-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*113*	*50-150*				
Client ID:	**SB2-2-1-22-10'**					
Laboratory ID:	02-042-06					
Gasoline Range Organics	**ND**	21	NWTPH-HCID	2-4-22	2-4-22	
Diesel Range Organics	**ND**	53	NWTPH-HCID	2-4-22	2-4-22	
Lube Oil Range Organics	**ND**	110	NWTPH-HCID	2-4-22	2-4-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*110*	*50-150*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

HYDROCARBON IDENTIFICATION
NWTPH-HCID

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB2-2-1-22-15'**					
Laboratory ID:	02-042-07					
Gasoline Range Organics	**ND**	21	NWTPH-HCID	2-4-22	2-4-22	
Diesel Range Organics	**ND**	52	NWTPH-HCID	2-4-22	2-4-22	
Lube Oil Range Organics	**ND**	110	NWTPH-HCID	2-4-22	2-4-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*110*	*50-150*				
Client ID:	**SB3-2-1-22-5'**					
Laboratory ID:	02-042-08					
Gasoline Range Organics	**ND**	21	NWTPH-HCID	2-4-22	2-4-22	
Diesel Range Organics	**ND**	52	NWTPH-HCID	2-4-22	2-4-22	
Lube Oil Range Organics	**ND**	100	NWTPH-HCID	2-4-22	2-4-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*112*	*50-150*				
Client ID:	**SB3-2-1-22-10'**					
Laboratory ID:	02-042-09					
Gasoline Range Organics	**ND**	21	NWTPH-HCID	2-4-22	2-4-22	
Diesel Range Organics	**ND**	53	NWTPH-HCID	2-4-22	2-4-22	
Lube Oil Range Organics	**ND**	110	NWTPH-HCID	2-4-22	2-4-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*110*	*50-150*				
Client ID:	**SB3-2-1-22-25'**					
Laboratory ID:	02-042-10					
Gasoline Range Organics	**ND**	23	NWTPH-HCID	2-4-22	2-4-22	
Diesel Range Organics	**ND**	56	NWTPH-HCID	2-4-22	2-4-22	
Lube Oil Range Organics	**ND**	110	NWTPH-HCID	2-4-22	2-4-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*112*	*50-150*				
Client ID:	**SB4-2-1-22-5'**					
Laboratory ID:	02-042-12					
Gasoline Range Organics	**ND**	20	NWTPH-HCID	2-4-22	2-4-22	
Diesel Range Organics	**ND**	51	NWTPH-HCID	2-4-22	2-4-22	
Lube Oil Range Organics	**ND**	100	NWTPH-HCID	2-4-22	2-4-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*112*	*50-150*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

HYDROCARBON IDENTIFICATION
NWTPH-HCID

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB4-2-1-22-10'**					
Laboratory ID:	02-042-13					
Gasoline Range Organics	**ND**	21	NWTPH-HCID	2-4-22	2-4-22	
Diesel Range Organics	**ND**	52	NWTPH-HCID	2-4-22	2-4-22	
Lube Oil Range Organics	**ND**	110	NWTPH-HCID	2-4-22	2-4-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*111*	*50-150*				
Client ID:	**SB4-2-1-22-15'**					
Laboratory ID:	02-042-14					
Gasoline Range Organics	**ND**	21	NWTPH-HCID	2-4-22	2-4-22	
Diesel Range Organics	**ND**	53	NWTPH-HCID	2-4-22	2-4-22	
Lube Oil Range Organics	**ND**	110	NWTPH-HCID	2-4-22	2-4-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*110*	*50-150*				
Client ID:	**SB4-2-1-22-20'**					
Laboratory ID:	02-042-15					
Gasoline Range Organics	**ND**	22	NWTPH-HCID	2-4-22	2-4-22	
Diesel Range Organics	**ND**	54	NWTPH-HCID	2-4-22	2-4-22	
Lube Oil Range Organics	**ND**	110	NWTPH-HCID	2-4-22	2-4-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*110*	*50-150*				
Client ID:	**SB5-2-1-22-5'**					
Laboratory ID:	02-042-16					
Gasoline Range Organics	**ND**	21	NWTPH-HCID	2-4-22	2-4-22	
Diesel Range Organics	**ND**	51	NWTPH-HCID	2-4-22	2-4-22	
Lube Oil Range Organics	**ND**	100	NWTPH-HCID	2-4-22	2-4-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*109*	*50-150*				
Client ID:	**SB5-2-1-22-10'**					
Laboratory ID:	02-042-17					
Gasoline Range Organics	**ND**	210	NWTPH-HCID	2-4-22	2-9-22	
Diesel Range Organics	**ND**	530	NWTPH-HCID	2-4-22	2-9-22	
Lube Oil	**Detected**	1100	NWTPH-HCID	2-4-22	2-9-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	---	*50-150*				S

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

HYDROCARBON IDENTIFICATION
NWTPH-HCID

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB5-2-1-22-15'**					
Laboratory ID:	02-042-18					
Gasoline Range Organics	**ND**	23	NWTPH-HCID	2-4-22	2-4-22	
Diesel Range Organics	**ND**	68	NWTPH-HCID	2-4-22	2-4-22	U1
Lube Oil	**Detected**	120	NWTPH-HCID	2-4-22	2-4-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*108*	*50-150*				
Client ID:	**SB5-2-1-22-20'**					
Laboratory ID:	02-042-19					
Gasoline Range Organics	**ND**	23	NWTPH-HCID	2-4-22	2-4-22	
Diesel Range Organics	**ND**	58	NWTPH-HCID	2-4-22	2-4-22	
Lube Oil Range Organics	**ND**	120	NWTPH-HCID	2-4-22	2-4-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*105*	*50-150*				
Client ID:	**SB6-2-1-22-5'**					
Laboratory ID:	02-042-21					
Gasoline Range Organics	**ND**	21	NWTPH-HCID	2-4-22	2-4-22	
Diesel Range Organics	**ND**	53	NWTPH-HCID	2-4-22	2-4-22	
Lube Oil	**Detected**	110	NWTPH-HCID	2-4-22	2-4-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*108*	*50-150*				
Client ID:	**SB6-2-1-22-10'**					
Laboratory ID:	02-042-22					
Gasoline Range Organics	**ND**	21	NWTPH-HCID	2-4-22	2-4-22	
Diesel Range Organics	**ND**	52	NWTPH-HCID	2-4-22	2-4-22	
Lube Oil Range Organics	**ND**	100	NWTPH-HCID	2-4-22	2-4-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*109*	*50-150*				
Client ID:	**SB6-2-1-22-15'**					
Laboratory ID:	02-042-23					
Gasoline Range Organics	**ND**	21	NWTPH-HCID	2-4-22	2-4-22	
Diesel Range Organics	**ND**	52	NWTPH-HCID	2-4-22	2-4-22	
Lube Oil Range Organics	**ND**	100	NWTPH-HCID	2-4-22	2-4-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*102*	*50-150*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

HYDROCARBON IDENTIFICATION
NWTPH-HCID

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB6-2-1-22-20'**					
Laboratory ID:	02-042-24					
Gasoline Range Organics	**ND**	21	NWTPH-HCID	2-4-22	2-4-22	
Diesel Range Organics	**ND**	53	NWTPH-HCID	2-4-22	2-4-22	
Lube Oil Range Organics	**ND**	110	NWTPH-HCID	2-4-22	2-4-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*101*	*50-150*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

HYDROCARBON IDENTIFICATION
NWTPH-HCID
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0204S1					
Gasoline Range Organics	**ND**	20	NWTPH-HCID	2-4-22	2-4-22	
Diesel Range Organics	**ND**	50	NWTPH-HCID	2-4-22	2-4-22	
Lube Oil Range Organics	**ND**	100	NWTPH-HCID	2-4-22	2-4-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*112*	*50-150*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

HYDROCARBON IDENTIFICATION
NWTPH-HCID

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB1-2-1-22-GW**					
Laboratory ID:	02-042-04					
Gasoline Range Organics	**Detected**	0.12	NWTPH-HCID	2-4-22	2-9-22	
Diesel Range Organics	**Detected**	0.19	NWTPH-HCID	2-4-22	2-9-22	
Lube Oil Range Organics	**Detected**	0.25	NWTPH-HCID	2-4-22	2-9-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*105*	*50-150*				
Client ID:	**SB3-2-1-22-GW**					
Laboratory ID:	02-042-11					
Gasoline Range Organics	**Detected**	0.11	NWTPH-HCID	2-4-22	2-9-22	
Diesel Range Organics	**Detected**	0.17	NWTPH-HCID	2-4-22	2-9-22	
Lube Oil Range Organics	**ND**	0.23	NWTPH-HCID	2-4-22	2-9-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*112*	*50-150*				
Client ID:	**SB5-2-1-22-GW**					
Laboratory ID:	02-042-20					
Gasoline Range Organics	**Detected**	0.14	NWTPH-HCID	2-4-22	2-9-22	
Diesel Range Organics	**Detected**	0.21	NWTPH-HCID	2-4-22	2-9-22	
Lube Oil Range Organics	**Detected**	0.28	NWTPH-HCID	2-4-22	2-9-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*101*	*50-150*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
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HYDROCARBON IDENTIFICATION
NWTPH-HCID
QUALITY CONTROL

Matrix: Water
Units: mg/L (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0204W1					
Gasoline Range Organics	**ND**	0.10	NWTPH-HCID	2-4-22	2-9-22	
Diesel Range Organics	**ND**	0.15	NWTPH-HCID	2-4-22	2-9-22	
Lube Oil Range Organics	**ND**	0.20	NWTPH-HCID	2-4-22	2-9-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*114*	*50-150*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 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:	**SB1-2-1-22-10'**					
Laboratory ID:	02-042-02					
Dichlorodifluoromethane	ND	0.054	EPA 8260D	2-3-22	2-3-22	
Chloromethane	ND	0.27	EPA 8260D	2-3-22	2-3-22	
Vinyl Chloride	ND	0.054	EPA 8260D	2-3-22	2-3-22	
Bromomethane	ND	0.27	EPA 8260D	2-3-22	2-3-22	
Chloroethane	ND	0.27	EPA 8260D	2-3-22	2-3-22	
Trichlorofluoromethane	ND	0.054	EPA 8260D	2-3-22	2-3-22	
1,1-Dichloroethene	ND	0.054	EPA 8260D	2-3-22	2-3-22	
Acetone	ND	0.54	EPA 8260D	2-3-22	2-3-22	
Iodomethane	ND	0.41	EPA 8260D	2-3-22	2-3-22	
Carbon Disulfide	ND	0.054	EPA 8260D	2-3-22	2-3-22	
Methylene Chloride	ND	0.27	EPA 8260D	2-3-22	2-3-22	
(trans) 1,2-Dichloroethene	ND	0.054	EPA 8260D	2-3-22	2-3-22	
Methyl t-Butyl Ether	ND	0.054	EPA 8260D	2-3-22	2-3-22	
1,1-Dichloroethane	ND	0.054	EPA 8260D	2-3-22	2-3-22	
Vinyl Acetate	ND	0.27	EPA 8260D	2-3-22	2-3-22	
2,2-Dichloropropane	ND	0.054	EPA 8260D	2-3-22	2-3-22	
(cis) 1,2-Dichloroethene	ND	0.054	EPA 8260D	2-3-22	2-3-22	
2-Butanone	ND	0.27	EPA 8260D	2-3-22	2-3-22	
Bromochloromethane	ND	0.054	EPA 8260D	2-3-22	2-3-22	
Chloroform	ND	0.054	EPA 8260D	2-3-22	2-3-22	
1,1,1-Trichloroethane	ND	0.054	EPA 8260D	2-3-22	2-3-22	
Carbon Tetrachloride	ND	0.054	EPA 8260D	2-3-22	2-3-22	
1,1-Dichloropropene	ND	0.054	EPA 8260D	2-3-22	2-3-22	
Benzene	ND	0.054	EPA 8260D	2-3-22	2-3-22	
1,2-Dichloroethane	ND	0.054	EPA 8260D	2-3-22	2-3-22	
Trichloroethene	ND	0.054	EPA 8260D	2-3-22	2-3-22	
1,2-Dichloropropane	ND	0.054	EPA 8260D	2-3-22	2-3-22	
Dibromomethane	ND	0.054	EPA 8260D	2-3-22	2-3-22	
Bromodichloromethane	ND	0.054	EPA 8260D	2-3-22	2-3-22	
2-Chloroethyl Vinyl Ether	ND	0.27	EPA 8260D	2-3-22	2-3-22	
(cis) 1,3-Dichloropropene	ND	0.054	EPA 8260D	2-3-22	2-3-22	
Methyl Isobutyl Ketone	ND	0.27	EPA 8260D	2-3-22	2-3-22	
Toluene	ND	0.27	EPA 8260D	2-3-22	2-3-22	
(trans) 1,3-Dichloropropene	ND	0.054	EPA 8260D	2-3-22	2-3-22	

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB1-2-1-22-10'**					
Laboratory ID:	02-042-02					
1,1,2-Trichloroethane	ND	0.054	EPA 8260D	2-3-22	2-3-22	
Tetrachloroethene	ND	0.054	EPA 8260D	2-3-22	2-3-22	
1,3-Dichloropropane	ND	0.054	EPA 8260D	2-3-22	2-3-22	
2-Hexanone	ND	0.27	EPA 8260D	2-3-22	2-3-22	
Dibromochloromethane	ND	0.054	EPA 8260D	2-3-22	2-3-22	
1,2-Dibromoethane	ND	0.054	EPA 8260D	2-3-22	2-3-22	
Chlorobenzene	ND	0.054	EPA 8260D	2-3-22	2-3-22	
1,1,1,2-Tetrachloroethane	ND	0.054	EPA 8260D	2-3-22	2-3-22	
Ethylbenzene	0.22	0.054	EPA 8260D	2-3-22	2-3-22	
m,p-Xylene	1.2	0.11	EPA 8260D	2-3-22	2-3-22	
o-Xylene	0.54	0.054	EPA 8260D	2-3-22	2-3-22	
Styrene	ND	0.054	EPA 8260D	2-3-22	2-3-22	
Bromoform	ND	0.27	EPA 8260D	2-3-22	2-3-22	
Isopropylbenzene	ND	0.054	EPA 8260D	2-3-22	2-3-22	
Bromobenzene	ND	0.054	EPA 8260D	2-3-22	2-3-22	
1,1,2,2-Tetrachloroethane	ND	0.054	EPA 8260D	2-3-22	2-3-22	
1,2,3-Trichloropropane	ND	0.054	EPA 8260D	2-3-22	2-3-22	
n-Propylbenzene	0.17	0.054	EPA 8260D	2-3-22	2-3-22	
2-Chlorotoluene	ND	0.054	EPA 8260D	2-3-22	2-3-22	
4-Chlorotoluene	ND	0.054	EPA 8260D	2-3-22	2-3-22	
1,3,5-Trimethylbenzene	0.49	0.054	EPA 8260D	2-3-22	2-3-22	
tert-Butylbenzene	ND	0.054	EPA 8260D	2-3-22	2-3-22	
1,2,4-Trimethylbenzene	1.3	0.054	EPA 8260D	2-3-22	2-3-22	
sec-Butylbenzene	ND	0.054	EPA 8260D	2-3-22	2-3-22	
1,3-Dichlorobenzene	ND	0.054	EPA 8260D	2-3-22	2-3-22	
p-Isopropyltoluene	0.11	0.054	EPA 8260D	2-3-22	2-3-22	
1,4-Dichlorobenzene	ND	0.054	EPA 8260D	2-3-22	2-3-22	
1,2-Dichlorobenzene	ND	0.054	EPA 8260D	2-3-22	2-3-22	
n-Butylbenzene	ND	0.054	EPA 8260D	2-3-22	2-3-22	
1,2-Dibromo-3-chloropropane	ND	0.27	EPA 8260D	2-3-22	2-3-22	
1,2,4-Trichlorobenzene	ND	0.054	EPA 8260D	2-3-22	2-3-22	
Hexachlorobutadiene	ND	0.27	EPA 8260D	2-3-22	2-3-22	
Naphthalene	0.44	0.27	EPA 8260D	2-3-22	2-3-22	
1,2,3-Trichlorobenzene	ND	0.054	EPA 8260D	2-3-22	2-3-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*87*	*74-131*				
Toluene-d8	*97*	*78-128*				
4-Bromofluorobenzene	*97*	*71-130*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 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:	**SB3-2-1-22-25'**					
Laboratory ID:	02-042-10					
Dichlorodifluoromethane	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
Chloromethane	ND	0.0038	EPA 8260D	2-3-22	2-3-22	
Vinyl Chloride	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
Bromomethane	ND	0.0038	EPA 8260D	2-3-22	2-3-22	
Chloroethane	ND	0.0038	EPA 8260D	2-3-22	2-3-22	
Trichlorofluoromethane	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
1,1-Dichloroethene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
Acetone	ND	0.038	EPA 8260D	2-3-22	2-3-22	
Iodomethane	ND	0.0057	EPA 8260D	2-3-22	2-3-22	
Carbon Disulfide	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
Methylene Chloride	ND	0.0038	EPA 8260D	2-3-22	2-3-22	
(trans) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
Methyl t-Butyl Ether	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
1,1-Dichloroethane	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
Vinyl Acetate	ND	0.0038	EPA 8260D	2-3-22	2-3-22	
2,2-Dichloropropane	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
(cis) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
2-Butanone	ND	0.0075	EPA 8260D	2-3-22	2-3-22	
Bromochloromethane	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
Chloroform	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
1,1,1-Trichloroethane	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
Carbon Tetrachloride	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
1,1-Dichloropropene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
Benzene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
1,2-Dichloroethane	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
Trichloroethene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
1,2-Dichloropropane	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
Dibromomethane	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
Bromodichloromethane	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
2-Chloroethyl Vinyl Ether	ND	0.0038	EPA 8260D	2-3-22	2-3-22	
(cis) 1,3-Dichloropropene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
Methyl Isobutyl Ketone	ND	0.0038	EPA 8260D	2-3-22	2-3-22	
Toluene	ND	0.0038	EPA 8260D	2-3-22	2-3-22	
(trans) 1,3-Dichloropropene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB3-2-1-22-25'**					
Laboratory ID:	02-042-10					
1,1,2-Trichloroethane	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
Tetrachloroethene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
1,3-Dichloropropane	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
2-Hexanone	ND	0.0038	EPA 8260D	2-3-22	2-3-22	
Dibromochloromethane	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
1,2-Dibromoethane	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
Chlorobenzene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
1,1,1,2-Tetrachloroethane	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
Ethylbenzene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
m,p-Xylene	ND	0.0015	EPA 8260D	2-3-22	2-3-22	
o-Xylene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
Styrene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
Bromoform	ND	0.0038	EPA 8260D	2-3-22	2-3-22	
Isopropylbenzene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
Bromobenzene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
1,1,2,2-Tetrachloroethane	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
1,2,3-Trichloropropane	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
n-Propylbenzene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
2-Chlorotoluene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
4-Chlorotoluene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
1,3,5-Trimethylbenzene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
tert-Butylbenzene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
1,2,4-Trimethylbenzene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
sec-Butylbenzene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
1,3-Dichlorobenzene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
p-Isopropyltoluene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
1,4-Dichlorobenzene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
1,2-Dichlorobenzene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
n-Butylbenzene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
1,2-Dibromo-3-chloropropane	ND	0.0038	EPA 8260D	2-3-22	2-3-22	
1,2,4-Trichlorobenzene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
Hexachlorobutadiene	ND	0.0038	EPA 8260D	2-3-22	2-3-22	
Naphthalene	ND	0.0038	EPA 8260D	2-3-22	2-3-22	
1,2,3-Trichlorobenzene	ND	0.00075	EPA 8260D	2-3-22	2-3-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*95*	*74-131*				
Toluene-d8	*99*	*78-128*				
4-Bromofluorobenzene	*98*	*71-130*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 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:	**SB5-2-1-22-20'**					
Laboratory ID:	02-042-19					
Dichlorodifluoromethane	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
Chloromethane	ND	0.0061	EPA 8260D	2-3-22	2-3-22	
Vinyl Chloride	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
Bromomethane	ND	0.0061	EPA 8260D	2-3-22	2-3-22	
Chloroethane	ND	0.0061	EPA 8260D	2-3-22	2-3-22	
Trichlorofluoromethane	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
1,1-Dichloroethene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
Acetone	ND	0.093	EPA 8260D	2-3-22	2-3-22	
Iodomethane	ND	0.0093	EPA 8260D	2-3-22	2-3-22	
Carbon Disulfide	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
Methylene Chloride	ND	0.0061	EPA 8260D	2-3-22	2-3-22	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
1,1-Dichloroethane	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
Vinyl Acetate	ND	0.0061	EPA 8260D	2-3-22	2-3-22	
2,2-Dichloropropane	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
2-Butanone	ND	0.012	EPA 8260D	2-3-22	2-3-22	
Bromochloromethane	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
Chloroform	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
Carbon Tetrachloride	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
1,1-Dichloropropene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
Benzene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
1,2-Dichloroethane	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
Trichloroethene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
1,2-Dichloropropane	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
Dibromomethane	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
Bromodichloromethane	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
2-Chloroethyl Vinyl Ether	ND	0.0061	EPA 8260D	2-3-22	2-3-22	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
Methyl Isobutyl Ketone	ND	0.0061	EPA 8260D	2-3-22	2-3-22	
Toluene	ND	0.0061	EPA 8260D	2-3-22	2-3-22	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB5-2-1-22-20'**					
Laboratory ID:	02-042-19					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
Tetrachloroethene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
1,3-Dichloropropane	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
2-Hexanone	ND	0.0061	EPA 8260D	2-3-22	2-3-22	
Dibromochloromethane	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
1,2-Dibromoethane	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
Chlorobenzene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
Ethylbenzene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
m,p-Xylene	ND	0.0024	EPA 8260D	2-3-22	2-3-22	
o-Xylene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
Styrene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
Bromoform	ND	0.0061	EPA 8260D	2-3-22	2-3-22	
Isopropylbenzene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
Bromobenzene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
n-Propylbenzene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
2-Chlorotoluene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
4-Chlorotoluene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
tert-Butylbenzene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
sec-Butylbenzene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
p-Isopropyltoluene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
n-Butylbenzene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
1,2-Dibromo-3-chloropropane	ND	0.0061	EPA 8260D	2-3-22	2-3-22	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
Hexachlorobutadiene	ND	0.0061	EPA 8260D	2-3-22	2-3-22	
Naphthalene	ND	0.0061	EPA 8260D	2-3-22	2-3-22	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260D	2-3-22	2-3-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*97*	*74-131*				
Toluene-d8	*98*	*78-128*				
4-Bromofluorobenzene	*99*	*71-130*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 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:	MB0203S2					
Dichlorodifluoromethane	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
Chloromethane	ND	0.0050	EPA 8260D	2-3-22	2-3-22	
Vinyl Chloride	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
Bromomethane	ND	0.0050	EPA 8260D	2-3-22	2-3-22	
Chloroethane	ND	0.0050	EPA 8260D	2-3-22	2-3-22	
Trichlorofluoromethane	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
1,1-Dichloroethene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
Acetone	ND	0.010	EPA 8260D	2-3-22	2-3-22	
Iodomethane	ND	0.0076	EPA 8260D	2-3-22	2-3-22	
Carbon Disulfide	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
Methylene Chloride	ND	0.0050	EPA 8260D	2-3-22	2-3-22	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
1,1-Dichloroethane	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
Vinyl Acetate	ND	0.0050	EPA 8260D	2-3-22	2-3-22	
2,2-Dichloropropane	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
2-Butanone	ND	0.0050	EPA 8260D	2-3-22	2-3-22	
Bromochloromethane	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
Chloroform	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
Carbon Tetrachloride	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
1,1-Dichloropropene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
Benzene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
1,2-Dichloroethane	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
Trichloroethene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
1,2-Dichloropropane	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
Dibromomethane	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
Bromodichloromethane	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260D	2-3-22	2-3-22	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260D	2-3-22	2-3-22	
Toluene	ND	0.0050	EPA 8260D	2-3-22	2-3-22	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

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QUALITY CONTROL
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0203S2					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
Tetrachloroethene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
1,3-Dichloropropane	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
2-Hexanone	ND	0.0050	EPA 8260D	2-3-22	2-3-22	
Dibromochloromethane	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
1,2-Dibromoethane	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
Chlorobenzene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
Ethylbenzene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
m,p-Xylene	ND	0.0020	EPA 8260D	2-3-22	2-3-22	
o-Xylene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
Styrene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
Bromoform	ND	0.0050	EPA 8260D	2-3-22	2-3-22	
Isopropylbenzene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
Bromobenzene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
n-Propylbenzene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
2-Chlorotoluene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
4-Chlorotoluene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
tert-Butylbenzene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
sec-Butylbenzene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
p-Isopropyltoluene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
n-Butylbenzene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260D	2-3-22	2-3-22	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
Hexachlorobutadiene	ND	0.0050	EPA 8260D	2-3-22	2-3-22	
Naphthalene	ND	0.0050	EPA 8260D	2-3-22	2-3-22	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260D	2-3-22	2-3-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*93*	*74-131*				
Toluene-d8	*98*	*78-128*				
4-Bromofluorobenzene	*98*	*71-130*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Soil
Units: mg/kg

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0203S2									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**0.0516**	**0.0479**	0.0500	0.0500	103	96	71-131	7	19	
Benzene	**0.0498**	**0.0470**	0.0500	0.0500	100	94	73-124	6	18	
Trichloroethene	**0.0546**	**0.0517**	0.0500	0.0500	109	103	79-130	5	18	
Toluene	**0.0526**	**0.0493**	0.0500	0.0500	105	99	76-123	6	18	
Chlorobenzene	**0.0544**	**0.0520**	0.0500	0.0500	109	104	78-122	5	18	
Surrogate:										
Dibromofluoromethane					*96*	*92*	*74-131*			
Toluene-d8					*99*	*98*	*78-128*			
4-Bromofluorobenzene					*101*	*98*	*71-130*			

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

VOLATILE ORGANICS EPA 8260D
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB1-2-1-22-GW**					
Laboratory ID:	02-042-04					
Dichlorodifluoromethane	ND	0.40	EPA 8260D	2-3-22	2-3-22	
Chloromethane	ND	2.0	EPA 8260D	2-3-22	2-3-22	
Vinyl Chloride	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Bromomethane	ND	2.0	EPA 8260D	2-3-22	2-3-22	
Chloroethane	ND	2.0	EPA 8260D	2-3-22	2-3-22	
Trichlorofluoromethane	ND	0.40	EPA 8260D	2-3-22	2-3-22	
1,1-Dichloroethene	ND	0.40	EPA 8260D	2-3-22	2-3-22	
Acetone	120	10	EPA 8260D	2-3-22	2-3-22	
Iodomethane	ND	24	EPA 8260D	2-3-22	2-3-22	
Carbon Disulfide	1.9	0.40	EPA 8260D	2-3-22	2-3-22	
Methylene Chloride	ND	2.0	EPA 8260D	2-3-22	2-3-22	
(trans) 1,2-Dichloroethene	ND	0.40	EPA 8260D	2-3-22	2-3-22	
Methyl t-Butyl Ether	ND	0.40	EPA 8260D	2-3-22	2-3-22	
1,1-Dichloroethane	ND	0.40	EPA 8260D	2-3-22	2-3-22	
Vinyl Acetate	ND	2.0	EPA 8260D	2-3-22	2-3-22	
2,2-Dichloropropane	ND	0.40	EPA 8260D	2-3-22	2-3-22	
(cis) 1,2-Dichloroethene	ND	0.40	EPA 8260D	2-3-22	2-3-22	
2-Butanone	ND	10	EPA 8260D	2-3-22	2-3-22	
Bromochloromethane	ND	0.40	EPA 8260D	2-3-22	2-3-22	
Chloroform	ND	0.40	EPA 8260D	2-3-22	2-3-22	
1,1,1-Trichloroethane	ND	0.40	EPA 8260D	2-3-22	2-3-22	
Carbon Tetrachloride	ND	0.40	EPA 8260D	2-3-22	2-3-22	
1,1-Dichloropropene	ND	0.40	EPA 8260D	2-3-22	2-3-22	
Benzene	ND	0.40	EPA 8260D	2-3-22	2-3-22	
1,2-Dichloroethane	ND	0.40	EPA 8260D	2-3-22	2-3-22	
Trichloroethene	ND	0.40	EPA 8260D	2-3-22	2-3-22	
1,2-Dichloropropane	ND	0.40	EPA 8260D	2-3-22	2-3-22	
Dibromomethane	ND	0.40	EPA 8260D	2-3-22	2-3-22	
Bromodichloromethane	ND	0.40	EPA 8260D	2-3-22	2-3-22	
(cis) 1,3-Dichloropropene	ND	0.40	EPA 8260D	2-3-22	2-3-22	
Methyl Isobutyl Ketone	5.4	4.0	EPA 8260D	2-3-22	2-3-22	
Toluene	19	2.0	EPA 8260D	2-3-22	2-3-22	
(trans) 1,3-Dichloropropene	ND	0.40	EPA 8260D	2-3-22	2-3-22	

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

VOLATILE ORGANICS EPA 8260D
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB1-2-1-22-GW**					
Laboratory ID:	02-042-04					
1,1,2-Trichloroethane	ND	0.40	EPA 8260D	2-3-22	2-3-22	
Tetrachloroethene	ND	0.40	EPA 8260D	2-3-22	2-3-22	
1,3-Dichloropropane	ND	0.40	EPA 8260D	2-3-22	2-3-22	
2-Hexanone	ND	4.0	EPA 8260D	2-3-22	2-3-22	
Dibromochloromethane	ND	0.40	EPA 8260D	2-3-22	2-3-22	
1,2-Dibromoethane	ND	0.40	EPA 8260D	2-3-22	2-3-22	
Chlorobenzene	ND	0.40	EPA 8260D	2-3-22	2-3-22	
1,1,1,2-Tetrachloroethane	ND	0.40	EPA 8260D	2-3-22	2-3-22	
Ethylbenzene	7.1	0.40	EPA 8260D	2-3-22	2-3-22	
m,p-Xylene	32	0.80	EPA 8260D	2-3-22	2-3-22	
o-Xylene	16	0.40	EPA 8260D	2-3-22	2-3-22	
Styrene	ND	0.40	EPA 8260D	2-3-22	2-3-22	
Bromoform	ND	2.0	EPA 8260D	2-3-22	2-3-22	
Isopropylbenzene	0.43	0.40	EPA 8260D	2-3-22	2-3-22	
Bromobenzene	ND	0.40	EPA 8260D	2-3-22	2-3-22	
1,1,2,2-Tetrachloroethane	ND	0.40	EPA 8260D	2-3-22	2-3-22	
1,2,3-Trichloropropane	ND	0.58	EPA 8260D	2-3-22	2-3-22	
n-Propylbenzene	1.8	0.40	EPA 8260D	2-3-22	2-3-22	
2-Chlorotoluene	ND	0.40	EPA 8260D	2-3-22	2-3-22	
4-Chlorotoluene	ND	0.40	EPA 8260D	2-3-22	2-3-22	
1,3,5-Trimethylbenzene	5.5	0.40	EPA 8260D	2-3-22	2-3-22	
tert-Butylbenzene	ND	0.40	EPA 8260D	2-3-22	2-3-22	
1,2,4-Trimethylbenzene	15	0.40	EPA 8260D	2-3-22	2-3-22	
sec-Butylbenzene	0.69	0.40	EPA 8260D	2-3-22	2-3-22	
1,3-Dichlorobenzene	ND	0.40	EPA 8260D	2-3-22	2-3-22	
p-Isopropyltoluene	4.6	0.40	EPA 8260D	2-3-22	2-3-22	
1,4-Dichlorobenzene	ND	0.40	EPA 8260D	2-3-22	2-3-22	
1,2-Dichlorobenzene	ND	0.40	EPA 8260D	2-3-22	2-3-22	
n-Butylbenzene	2.9	0.40	EPA 8260D	2-3-22	2-3-22	
1,2-Dibromo-3-chloropropane	ND	2.0	EPA 8260D	2-3-22	2-3-22	
1,2,4-Trichlorobenzene	ND	0.40	EPA 8260D	2-3-22	2-3-22	
Hexachlorobutadiene	ND	2.0	EPA 8260D	2-3-22	2-3-22	
Naphthalene	3.4	2.0	EPA 8260D	2-3-22	2-3-22	
1,2,3-Trichlorobenzene	ND	0.40	EPA 8260D	2-3-22	2-3-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*93*	*75-127*				
Toluene-d8	*99*	*80-127*				
4-Bromofluorobenzene	*97*	*78-125*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

VOLATILE ORGANICS EPA 8260D
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB3-2-1-22-GW**					
Laboratory ID:	02-042-11					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Chloromethane	ND	1.0	EPA 8260D	2-3-22	2-3-22	
Vinyl Chloride	ND	0.10	EPA 8260D	2-3-22	2-3-22	
Bromomethane	ND	1.0	EPA 8260D	2-3-22	2-3-22	
Chloroethane	ND	1.0	EPA 8260D	2-3-22	2-3-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Acetone	23	5.0	EPA 8260D	2-3-22	2-3-22	
Iodomethane	ND	12	EPA 8260D	2-3-22	2-3-22	
Carbon Disulfide	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Methylene Chloride	ND	1.0	EPA 8260D	2-3-22	2-3-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Vinyl Acetate	ND	1.0	EPA 8260D	2-3-22	2-3-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
2-Butanone	6.5	5.0	EPA 8260D	2-3-22	2-3-22	
Bromochloromethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Chloroform	0.35	0.20	EPA 8260D	2-3-22	2-3-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Benzene	2.2	0.20	EPA 8260D	2-3-22	2-3-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Trichloroethene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Dibromomethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Bromodichloromethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	2-3-22	2-3-22	
Toluene	1.5	1.0	EPA 8260D	2-3-22	2-3-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	2-3-22	2-3-22	

Date of Report: February 15, 2022
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Project: E2021-0910; 1201 S. 1st St. Yakima

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB3-2-1-22-GW**					
Laboratory ID:	02-042-11					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Tetrachloroethene	0.52	0.20	EPA 8260D	2-3-22	2-3-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
2-Hexanone	ND	2.0	EPA 8260D	2-3-22	2-3-22	
Dibromochloromethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Chlorobenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Ethylbenzene	0.46	0.20	EPA 8260D	2-3-22	2-3-22	
m,p-Xylene	0.47	0.40	EPA 8260D	2-3-22	2-3-22	
o-Xylene	0.36	0.20	EPA 8260D	2-3-22	2-3-22	
Styrene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Bromoform	ND	1.0	EPA 8260D	2-3-22	2-3-22	
Isopropylbenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Bromobenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,2,3-Trichloropropane	ND	0.29	EPA 8260D	2-3-22	2-3-22	
n-Propylbenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,2,4-Trimethylbenzene	0.33	0.20	EPA 8260D	2-3-22	2-3-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
n-Butylbenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	2-3-22	2-3-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	2-3-22	2-3-22	
Naphthalene	ND	1.0	EPA 8260D	2-3-22	2-3-22	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*93*	*75-127*				
Toluene-d8	*97*	*80-127*				
4-Bromofluorobenzene	*95*	*78-125*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

VOLATILE ORGANICS EPA 8260D
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Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB5-2-1-22-GW**					
Laboratory ID:	02-042-20					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Chloromethane	ND	1.0	EPA 8260D	2-3-22	2-3-22	
Vinyl Chloride	ND	0.10	EPA 8260D	2-3-22	2-3-22	
Bromomethane	ND	1.0	EPA 8260D	2-3-22	2-3-22	
Chloroethane	ND	1.0	EPA 8260D	2-3-22	2-3-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Acetone	32	5.0	EPA 8260D	2-3-22	2-3-22	
Iodomethane	ND	12	EPA 8260D	2-3-22	2-3-22	
Carbon Disulfide	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Methylene Chloride	ND	1.0	EPA 8260D	2-3-22	2-3-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Vinyl Acetate	ND	1.0	EPA 8260D	2-3-22	2-3-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
2-Butanone	7.7	5.0	EPA 8260D	2-3-22	2-3-22	
Bromochloromethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Chloroform	5.2	0.20	EPA 8260D	2-3-22	2-3-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Benzene	0.82	0.20	EPA 8260D	2-3-22	2-3-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Trichloroethene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Dibromomethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Bromodichloromethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	2-3-22	2-3-22	
Toluene	ND	1.0	EPA 8260D	2-3-22	2-3-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	2-3-22	2-3-22	

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB5-2-1-22-GW**					
Laboratory ID:	02-042-20					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Tetrachloroethene	1.3	0.20	EPA 8260D	2-3-22	2-3-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
2-Hexanone	ND	2.0	EPA 8260D	2-3-22	2-3-22	
Dibromochloromethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Chlorobenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Ethylbenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
m,p-Xylene	ND	0.40	EPA 8260D	2-3-22	2-3-22	
o-Xylene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Styrene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Bromoform	ND	1.0	EPA 8260D	2-3-22	2-3-22	
Isopropylbenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Bromobenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,2,3-Trichloropropane	ND	0.29	EPA 8260D	2-3-22	2-3-22	
n-Propylbenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
n-Butylbenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	2-3-22	2-3-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	2-3-22	2-3-22	
Naphthalene	ND	1.0	EPA 8260D	2-3-22	2-3-22	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*94*	*75-127*				
Toluene-d8	*99*	*80-127*				
4-Bromofluorobenzene	*95*	*78-125*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 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:	MB0203W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Chloromethane	ND	1.0	EPA 8260D	2-3-22	2-3-22	
Vinyl Chloride	ND	0.10	EPA 8260D	2-3-22	2-3-22	
Bromomethane	ND	1.0	EPA 8260D	2-3-22	2-3-22	
Chloroethane	ND	1.0	EPA 8260D	2-3-22	2-3-22	
Trichlorofluoromethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,1-Dichloroethene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Acetone	ND	5.0	EPA 8260D	2-3-22	2-3-22	
Iodomethane	ND	12	EPA 8260D	2-3-22	2-3-22	
Carbon Disulfide	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Methylene Chloride	ND	1.0	EPA 8260D	2-3-22	2-3-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Methyl t-Butyl Ether	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,1-Dichloroethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Vinyl Acetate	ND	1.0	EPA 8260D	2-3-22	2-3-22	
2,2-Dichloropropane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
2-Butanone	ND	5.0	EPA 8260D	2-3-22	2-3-22	
Bromochloromethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Chloroform	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,1,1-Trichloroethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Carbon Tetrachloride	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,1-Dichloropropene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Benzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,2-Dichloroethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Trichloroethene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,2-Dichloropropane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Dibromomethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Bromodichloromethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260D	2-3-22	2-3-22	
Toluene	ND	1.0	EPA 8260D	2-3-22	2-3-22	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260D	2-3-22	2-3-22	

Date of Report: February 15, 2022
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Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0203W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Tetrachloroethene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,3-Dichloropropane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
2-Hexanone	ND	2.0	EPA 8260D	2-3-22	2-3-22	
Dibromochloromethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,2-Dibromoethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Chlorobenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Ethylbenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
m,p-Xylene	ND	0.40	EPA 8260D	2-3-22	2-3-22	
o-Xylene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Styrene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Bromoform	ND	1.0	EPA 8260D	2-3-22	2-3-22	
Isopropylbenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Bromobenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,2,3-Trichloropropane	ND	0.29	EPA 8260D	2-3-22	2-3-22	
n-Propylbenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
2-Chlorotoluene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
4-Chlorotoluene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
tert-Butylbenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
sec-Butylbenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,3-Dichlorobenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
p-Isopropyltoluene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,4-Dichlorobenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,2-Dichlorobenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
n-Butylbenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260D	2-3-22	2-3-22	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Hexachlorobutadiene	ND	1.0	EPA 8260D	2-3-22	2-3-22	
Naphthalene	ND	1.0	EPA 8260D	2-3-22	2-3-22	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260D	2-3-22	2-3-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Dibromofluoromethane	*93*	*75-127*				
Toluene-d8	*99*	*80-127*				
4-Bromofluorobenzene	*93*	*78-125*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0202W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	**10.3**	**10.4**	10.0	10.0	103	104	78-125	1	19	
Benzene	**10.6**	**11.0**	10.0	10.0	106	110	80-119	4	16	
Trichloroethene	**11.1**	**11.7**	10.0	10.0	111	117	80-121	5	18	
Toluene	**10.8**	**11.4**	10.0	10.0	108	114	80-117	5	18	
Chlorobenzene	**10.7**	**11.2**	10.0	10.0	107	112	80-117	5	17	
Surrogate:										
Dibromofluoromethane					*94*	*94*	*75-127*			
Toluene-d8					*99*	*100*	*80-127*			
4-Bromofluorobenzene					*96*	*96*	*78-125*			

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB1-2-1-22-10'**					
Laboratory ID:	02-042-02					
Naphthalene	**0.26**	0.0073	EPA 8270E/SIM	2-7-22	2-7-22	
2-Methylnaphthalene	**0.48**	0.0073	EPA 8270E/SIM	2-7-22	2-7-22	
1-Methylnaphthalene	**0.27**	0.0073	EPA 8270E/SIM	2-7-22	2-7-22	
Acenaphthylene	**ND**	0.0073	EPA 8270E/SIM	2-7-22	2-7-22	
Acenaphthene	**ND**	0.0073	EPA 8270E/SIM	2-7-22	2-7-22	
Fluorene	**ND**	0.0077	EPA 8270E/SIM	2-7-22	2-7-22	U1
Phenanthrene	**0.030**	0.0073	EPA 8270E/SIM	2-7-22	2-7-22	
Anthracene	**ND**	0.0073	EPA 8270E/SIM	2-7-22	2-7-22	
Fluoranthene	**0.032**	0.0073	EPA 8270E/SIM	2-7-22	2-7-22	
Pyrene	**0.081**	0.0073	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[a]anthracene	**0.0097**	0.0073	EPA 8270E/SIM	2-7-22	2-7-22	
Chrysene	**0.019**	0.0073	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[b]fluoranthene	**0.022**	0.0073	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo(j,k)fluoranthene	**0.0078**	0.0073	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[a]pyrene	**0.0096**	0.0073	EPA 8270E/SIM	2-7-22	2-7-22	
Indeno(1,2,3-c,d)pyrene	**0.013**	0.0073	EPA 8270E/SIM	2-7-22	2-7-22	
Dibenz[a,h]anthracene	**ND**	0.0073	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[g,h,i]perylene	**0.022**	0.0073	EPA 8270E/SIM	2-7-22	2-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*77*	*41 - 114*				
Pyrene-d10	*69*	*39 - 115*				
Terphenyl-d14	*91*	*44 - 125*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB3-2-1-22-25'**					
Laboratory ID:	02-042-10					
Naphthalene	**ND**	0.0075	EPA 8270E/SIM	2-7-22	2-7-22	
2-Methylnaphthalene	**ND**	0.0075	EPA 8270E/SIM	2-7-22	2-7-22	
1-Methylnaphthalene	**ND**	0.0075	EPA 8270E/SIM	2-7-22	2-7-22	
Acenaphthylene	**ND**	0.0075	EPA 8270E/SIM	2-7-22	2-7-22	
Acenaphthene	**ND**	0.0075	EPA 8270E/SIM	2-7-22	2-7-22	
Fluorene	**ND**	0.0075	EPA 8270E/SIM	2-7-22	2-7-22	
Phenanthrene	**ND**	0.0075	EPA 8270E/SIM	2-7-22	2-7-22	
Anthracene	**ND**	0.0075	EPA 8270E/SIM	2-7-22	2-7-22	
Fluoranthene	**ND**	0.0075	EPA 8270E/SIM	2-7-22	2-7-22	
Pyrene	**ND**	0.0075	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[a]anthracene	**ND**	0.0075	EPA 8270E/SIM	2-7-22	2-7-22	
Chrysene	**ND**	0.0075	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[b]fluoranthene	**ND**	0.0075	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo(j,k)fluoranthene	**ND**	0.0075	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[a]pyrene	**ND**	0.0075	EPA 8270E/SIM	2-7-22	2-7-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0075	EPA 8270E/SIM	2-7-22	2-7-22	
Dibenz[a,h]anthracene	**ND**	0.0075	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[g,h,i]perylene	**ND**	0.0075	EPA 8270E/SIM	2-7-22	2-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*85*	*41 - 114*				
Pyrene-d10	*83*	*39 - 115*				
Terphenyl-d14	*100*	*44 - 125*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

PAHs EPA 8270E/SIM

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB5-2-1-22-20'**					
Laboratory ID:	02-042-19					
Naphthalene	**ND**	0.0077	EPA 8270E/SIM	2-7-22	2-7-22	
2-Methylnaphthalene	**ND**	0.0077	EPA 8270E/SIM	2-7-22	2-7-22	
1-Methylnaphthalene	**ND**	0.0077	EPA 8270E/SIM	2-7-22	2-7-22	
Acenaphthylene	**ND**	0.0077	EPA 8270E/SIM	2-7-22	2-7-22	
Acenaphthene	**ND**	0.0077	EPA 8270E/SIM	2-7-22	2-7-22	
Fluorene	**ND**	0.0077	EPA 8270E/SIM	2-7-22	2-7-22	
Phenanthrene	**ND**	0.0077	EPA 8270E/SIM	2-7-22	2-7-22	
Anthracene	**ND**	0.0077	EPA 8270E/SIM	2-7-22	2-7-22	
Fluoranthene	**ND**	0.0077	EPA 8270E/SIM	2-7-22	2-7-22	
Pyrene	**ND**	0.0077	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[a]anthracene	**ND**	0.0077	EPA 8270E/SIM	2-7-22	2-7-22	
Chrysene	**ND**	0.0077	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[b]fluoranthene	**ND**	0.0077	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo(j,k)fluoranthene	**ND**	0.0077	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[a]pyrene	**ND**	0.0077	EPA 8270E/SIM	2-7-22	2-7-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0077	EPA 8270E/SIM	2-7-22	2-7-22	
Dibenz[a,h]anthracene	**ND**	0.0077	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[g,h,i]perylene	**ND**	0.0077	EPA 8270E/SIM	2-7-22	2-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*81*	*41 - 114*				
Pyrene-d10	*77*	*39 - 115*				
Terphenyl-d14	*92*	*44 - 125*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0207S1					
Naphthalene	**ND**	0.0067	EPA 8270E/SIM	2-7-22	2-7-22	
2-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	2-7-22	2-7-22	
1-Methylnaphthalene	**ND**	0.0067	EPA 8270E/SIM	2-7-22	2-7-22	
Acenaphthylene	**ND**	0.0067	EPA 8270E/SIM	2-7-22	2-7-22	
Acenaphthene	**ND**	0.0067	EPA 8270E/SIM	2-7-22	2-7-22	
Fluorene	**ND**	0.0067	EPA 8270E/SIM	2-7-22	2-7-22	
Phenanthrene	**ND**	0.0067	EPA 8270E/SIM	2-7-22	2-7-22	
Anthracene	**ND**	0.0067	EPA 8270E/SIM	2-7-22	2-7-22	
Fluoranthene	**ND**	0.0067	EPA 8270E/SIM	2-7-22	2-7-22	
Pyrene	**ND**	0.0067	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[a]anthracene	**ND**	0.0067	EPA 8270E/SIM	2-7-22	2-7-22	
Chrysene	**ND**	0.0067	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[b]fluoranthene	**ND**	0.0067	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo(j,k)fluoranthene	**ND**	0.0067	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[a]pyrene	**ND**	0.0067	EPA 8270E/SIM	2-7-22	2-7-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0067	EPA 8270E/SIM	2-7-22	2-7-22	
Dibenz[a,h]anthracene	**ND**	0.0067	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[g,h,i]perylene	**ND**	0.0067	EPA 8270E/SIM	2-7-22	2-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*87*	*41 - 114*				
Pyrene-d10	*83*	*39 - 115*				
Terphenyl-d14	*109*	*44 - 125*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	01-205-07										
	MS	MSD	MS	MSD		MS	MSD				
Naphthalene	**0.0820**	**0.0813**	0.0833	0.0833	ND	98	98	41 - 123	1	23	
Acenaphthylene	**0.0856**	**0.0860**	0.0833	0.0833	ND	103	103	45 - 124	0	20	
Acenaphthene	**0.0832**	**0.0834**	0.0833	0.0833	ND	100	100	46 - 122	0	23	
Fluorene	**0.0750**	**0.0768**	0.0833	0.0833	ND	90	92	45 - 128	2	27	
Phenanthrene	**0.0730**	**0.0737**	0.0833	0.0833	ND	88	88	38 - 133	1	33	
Anthracene	**0.0761**	**0.0752**	0.0833	0.0833	ND	91	90	49 - 127	1	21	
Fluoranthene	**0.0769**	**0.0722**	0.0833	0.0833	ND	92	87	45 - 130	6	29	
Pyrene	**0.0759**	**0.0767**	0.0833	0.0833	ND	91	92	43 - 132	1	32	
Benzo[a]anthracene	**0.0849**	**0.0833**	0.0833	0.0833	ND	102	100	49 - 139	2	27	
Chrysene	**0.0758**	**0.0772**	0.0833	0.0833	ND	91	93	47 - 127	2	28	
Benzo[b]fluoranthene	**0.0782**	**0.0763**	0.0833	0.0833	ND	94	92	46 - 129	2	31	
Benzo(j,k)fluoranthene	**0.0769**	**0.0800**	0.0833	0.0833	ND	92	96	46 - 128	4	25	
Benzo[a]pyrene	**0.0792**	**0.0790**	0.0833	0.0833	ND	95	95	47 - 134	0	27	
Indeno(1,2,3-c,d)pyrene	**0.0732**	**0.0734**	0.0833	0.0833	ND	88	88	42 - 133	0	25	
Dibenz[a,h]anthracene	**0.0746**	**0.0755**	0.0833	0.0833	ND	90	91	46 - 129	1	24	
Benzo[g,h,i]perylene	**0.0712**	**0.0725**	0.0833	0.0833	ND	85	87	44 - 129	2	27	
Surrogate:											
2-Fluorobiphenyl						*88*	*88*	*41 - 114*			
Pyrene-d10						*81*	*84*	*39 - 115*			
Terphenyl-d14						*101*	*105*	*44 - 125*			

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB1-2-1-22-GW**					
Laboratory ID:	02-042-04					
Naphthalene	**2.8**	0.10	EPA 8270E/SIM	2-7-22	2-7-22	
2-Methylnaphthalene	**2.7**	0.10	EPA 8270E/SIM	2-7-22	2-7-22	
1-Methylnaphthalene	**1.6**	0.10	EPA 8270E/SIM	2-7-22	2-7-22	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	2-7-22	2-7-22	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	2-7-22	2-7-22	
Fluorene	**ND**	0.16	EPA 8270E/SIM	2-7-22	2-7-22	U1
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	2-7-22	2-7-22	
Anthracene	**ND**	0.10	EPA 8270E/SIM	2-7-22	2-7-22	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	2-7-22	2-7-22	
Pyrene	**ND**	0.10	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[a]anthracene	**ND**	0.050	EPA 8270E/SIM	2-7-22	2-8-22	
Chrysene	**ND**	0.050	EPA 8270E/SIM	2-7-22	2-8-22	
Benzo[b]fluoranthene	**ND**	0.10	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo(j,k)fluoranthene	**ND**	0.10	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[a]pyrene	**ND**	0.10	EPA 8270E/SIM	2-7-22	2-7-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.10	EPA 8270E/SIM	2-7-22	2-7-22	
Dibenz[a,h]anthracene	**ND**	0.10	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[g,h,i]perylene	**ND**	0.10	EPA 8270E/SIM	2-7-22	2-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*65*	*25 - 106*				
Pyrene-d10	*74*	*28 - 104*				
Terphenyl-d14	*96*	*40 - 139*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB3-2-1-22-GW**					
Laboratory ID:	02-042-11					
Naphthalene	**0.46**	0.096	EPA 8270E/SIM	2-7-22	2-7-22	
2-Methylnaphthalene	**1.7**	0.096	EPA 8270E/SIM	2-7-22	2-7-22	
1-Methylnaphthalene	**1.1**	0.096	EPA 8270E/SIM	2-7-22	2-7-22	
Acenaphthylene	**ND**	0.096	EPA 8270E/SIM	2-7-22	2-7-22	
Acenaphthene	**ND**	0.096	EPA 8270E/SIM	2-7-22	2-7-22	
Fluorene	**ND**	0.096	EPA 8270E/SIM	2-7-22	2-7-22	
Phenanthrene	**ND**	0.096	EPA 8270E/SIM	2-7-22	2-7-22	
Anthracene	**ND**	0.096	EPA 8270E/SIM	2-7-22	2-7-22	
Fluoranthene	**ND**	0.096	EPA 8270E/SIM	2-7-22	2-7-22	
Pyrene	**ND**	0.096	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[a]anthracene	**ND**	0.0096	EPA 8270E/SIM	2-7-22	2-7-22	
Chrysene	**ND**	0.0096	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[b]fluoranthene	**ND**	0.0096	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo(j,k)fluoranthene	**ND**	0.0096	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[a]pyrene	**ND**	0.0096	EPA 8270E/SIM	2-7-22	2-7-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.0096	EPA 8270E/SIM	2-7-22	2-7-22	
Dibenz[a,h]anthracene	**ND**	0.0096	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[g,h,i]perylene	**ND**	0.0096	EPA 8270E/SIM	2-7-22	2-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*81*	*25 - 106*				
Pyrene-d10	*85*	*28 - 104*				
Terphenyl-d14	*103*	*40 - 139*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

PAHs EPA 8270E/SIM

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB5-2-1-22-GW**					
Laboratory ID:	02-042-20					
Naphthalene	**0.28**	0.12	EPA 8270E/SIM	2-7-22	2-8-22	
2-Methylnaphthalene	**0.42**	0.12	EPA 8270E/SIM	2-7-22	2-8-22	
1-Methylnaphthalene	**0.33**	0.12	EPA 8270E/SIM	2-7-22	2-8-22	
Acenaphthylene	**ND**	0.12	EPA 8270E/SIM	2-7-22	2-8-22	
Acenaphthene	**ND**	0.12	EPA 8270E/SIM	2-7-22	2-8-22	
Fluorene	**ND**	0.12	EPA 8270E/SIM	2-7-22	2-8-22	
Phenanthrene	**ND**	0.12	EPA 8270E/SIM	2-7-22	2-8-22	
Anthracene	**ND**	0.12	EPA 8270E/SIM	2-7-22	2-8-22	
Fluoranthene	**ND**	0.12	EPA 8270E/SIM	2-7-22	2-8-22	
Pyrene	**ND**	0.12	EPA 8270E/SIM	2-7-22	2-8-22	
Benzo[a]anthracene	**ND**	0.012	EPA 8270E/SIM	2-7-22	2-8-22	
Chrysene	**ND**	0.012	EPA 8270E/SIM	2-7-22	2-8-22	
Benzo[b]fluoranthene	**ND**	0.012	EPA 8270E/SIM	2-7-22	2-8-22	
Benzo(j,k)fluoranthene	**ND**	0.012	EPA 8270E/SIM	2-7-22	2-8-22	
Benzo[a]pyrene	**ND**	0.012	EPA 8270E/SIM	2-7-22	2-8-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.012	EPA 8270E/SIM	2-7-22	2-8-22	
Dibenz[a,h]anthracene	**ND**	0.012	EPA 8270E/SIM	2-7-22	2-8-22	
Benzo[g,h,i]perylene	**ND**	0.025	EPA 8270E/SIM	2-7-22	2-8-22	U1
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*75*	*25 - 106*				
Pyrene-d10	*74*	*28 - 104*				
Terphenyl-d14	*98*	*40 - 139*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0207W1					
Naphthalene	**ND**	0.10	EPA 8270E/SIM	2-7-22	2-7-22	
2-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	2-7-22	2-7-22	
1-Methylnaphthalene	**ND**	0.10	EPA 8270E/SIM	2-7-22	2-7-22	
Acenaphthylene	**ND**	0.10	EPA 8270E/SIM	2-7-22	2-7-22	
Acenaphthene	**ND**	0.10	EPA 8270E/SIM	2-7-22	2-7-22	
Fluorene	**ND**	0.10	EPA 8270E/SIM	2-7-22	2-7-22	
Phenanthrene	**ND**	0.10	EPA 8270E/SIM	2-7-22	2-7-22	
Anthracene	**ND**	0.10	EPA 8270E/SIM	2-7-22	2-7-22	
Fluoranthene	**ND**	0.10	EPA 8270E/SIM	2-7-22	2-7-22	
Pyrene	**ND**	0.10	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[a]anthracene	**ND**	0.010	EPA 8270E/SIM	2-7-22	2-7-22	
Chrysene	**ND**	0.010	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[b]fluoranthene	**ND**	0.010	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo(j,k)fluoranthene	**ND**	0.010	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[a]pyrene	**ND**	0.010	EPA 8270E/SIM	2-7-22	2-7-22	
Indeno(1,2,3-c,d)pyrene	**ND**	0.010	EPA 8270E/SIM	2-7-22	2-7-22	
Dibenz[a,h]anthracene	**ND**	0.010	EPA 8270E/SIM	2-7-22	2-7-22	
Benzo[g,h,i]perylene	**ND**	0.010	EPA 8270E/SIM	2-7-22	2-7-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
2-Fluorobiphenyl	*66*	*25 - 106*				
Pyrene-d10	*84*	*28 - 104*				
Terphenyl-d14	*108*	*40 - 139*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

PAHs EPA 8270E/SIM
QUALITY CONTROL

Matrix: Water
Units: ug/L

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0207W1									
	SB	SBD	SB	SBD	SB	SBD				
Naphthalene	**0.263**	**0.294**	0.500	0.500	53	59	29 - 96	11	38	
Acenaphthylene	**0.383**	**0.417**	0.500	0.500	77	83	42 - 101	9	28	
Acenaphthene	**0.350**	**0.378**	0.500	0.500	70	76	37 - 104	8	31	
Fluorene	**0.353**	**0.385**	0.500	0.500	71	77	48 - 101	9	21	
Phenanthrene	**0.385**	**0.410**	0.500	0.500	77	82	52 - 104	6	20	
Anthracene	**0.374**	**0.401**	0.500	0.500	75	80	50 - 106	7	20	
Fluoranthene	**0.440**	**0.454**	0.500	0.500	88	91	56 - 113	3	20	
Pyrene	**0.449**	**0.461**	0.500	0.500	90	92	55 - 123	3	27	
Benzo[a]anthracene	**0.482**	**0.514**	0.500	0.500	96	103	60 - 131	6	20	
Chrysene	**0.457**	**0.486**	0.500	0.500	91	97	62 - 120	6	20	
Benzo[b]fluoranthene	**0.471**	**0.500**	0.500	0.500	94	100	63 - 123	6	20	
Benzo(j,k)fluoranthene	**0.451**	**0.446**	0.500	0.500	90	89	60 - 127	1	20	
Benzo[a]pyrene	**0.444**	**0.463**	0.500	0.500	89	93	61 - 123	4	20	
Indeno(1,2,3-c,d)pyrene	**0.453**	**0.485**	0.500	0.500	91	97	60 - 125	7	20	
Dibenz[a,h]anthracene	**0.447**	**0.470**	0.500	0.500	89	94	61 - 124	5	20	
Benzo[g,h,i]perylene	**0.449**	**0.468**	0.500	0.500	90	94	59 - 122	4	20	
Surrogate:										
2-Fluorobiphenyl					*54*	*54*	*25 - 106*			
Pyrene-d10					*74*	*74*	*28 - 104*			
Terphenyl-d14					*99*	*90*	*40 - 139*			

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 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:	**SB1-2-1-22-5'**					
Laboratory ID:	02-042-01					
Arsenic	**ND**	10	EPA 6010D	2-8-22	2-8-22	
Barium	**30**	2.6	EPA 6010D	2-8-22	2-8-22	
Cadmium	**ND**	0.52	EPA 6010D	2-8-22	2-8-22	
Chromium	**7.9**	0.52	EPA 6010D	2-8-22	2-8-22	
Lead	**ND**	5.2	EPA 6010D	2-8-22	2-8-22	
Mercury	**ND**	0.26	EPA 7471B	2-7-22	2-7-22	
Selenium	**ND**	10	EPA 6010D	2-8-22	2-8-22	
Silver	**ND**	1.0	EPA 6010D	2-8-22	2-8-22	
Client ID:	**SB1-2-1-22-10'**					
Laboratory ID:	02-042-02					
Arsenic	**ND**	11	EPA 6010D	2-8-22	2-8-22	
Barium	**61**	2.7	EPA 6010D	2-8-22	2-8-22	
Cadmium	**2.5**	0.54	EPA 6010D	2-8-22	2-8-22	
Chromium	**12**	0.54	EPA 6010D	2-8-22	2-8-22	
Lead	**45**	5.4	EPA 6010D	2-8-22	2-8-22	
Mercury	**ND**	0.27	EPA 7471B	2-7-22	2-7-22	
Selenium	**ND**	11	EPA 6010D	2-8-22	2-8-22	
Silver	**ND**	1.1	EPA 6010D	2-8-22	2-8-22	
Client ID:	**SB1-2-1-22-15'**					
Laboratory ID:	02-042-03					
Arsenic	**ND**	11	EPA 6010D	2-8-22	2-8-22	
Barium	**45**	2.7	EPA 6010D	2-8-22	2-8-22	
Cadmium	**ND**	0.54	EPA 6010D	2-8-22	2-8-22	
Chromium	**5.4**	0.54	EPA 6010D	2-8-22	2-8-22	
Lead	**ND**	5.4	EPA 6010D	2-8-22	2-8-22	
Mercury	**ND**	0.27	EPA 7471B	2-7-22	2-7-22	
Selenium	**ND**	11	EPA 6010D	2-8-22	2-8-22	
Silver	**ND**	1.1	EPA 6010D	2-8-22	2-8-22	

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 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:	**SB2-2-1-22-5'**					
Laboratory ID:	02-042-05					
Arsenic	**ND**	10	EPA 6010D	2-8-22	2-8-22	
Barium	**72**	2.6	EPA 6010D	2-8-22	2-8-22	
Cadmium	**ND**	0.52	EPA 6010D	2-8-22	2-8-22	
Chromium	**34**	0.52	EPA 6010D	2-8-22	2-8-22	
Lead	**ND**	5.2	EPA 6010D	2-8-22	2-8-22	
Mercury	**ND**	0.26	EPA 7471B	2-7-22	2-7-22	
Selenium	**ND**	10	EPA 6010D	2-8-22	2-8-22	
Silver	**ND**	1.0	EPA 6010D	2-8-22	2-8-22	
Client ID:	**SB2-2-1-22-10'**					
Laboratory ID:	02-042-06					
Arsenic	**ND**	11	EPA 6010D	2-8-22	2-8-22	
Barium	**27**	2.6	EPA 6010D	2-8-22	2-8-22	
Cadmium	**ND**	0.53	EPA 6010D	2-8-22	2-8-22	
Chromium	**5.5**	0.53	EPA 6010D	2-8-22	2-8-22	
Lead	**ND**	5.3	EPA 6010D	2-8-22	2-8-22	
Mercury	**ND**	0.26	EPA 7471B	2-7-22	2-7-22	
Selenium	**ND**	11	EPA 6010D	2-8-22	2-8-22	
Silver	**ND**	1.1	EPA 6010D	2-8-22	2-8-22	
Client ID:	**SB2-2-1-22-15'**					
Laboratory ID:	02-042-07					
Arsenic	**ND**	10	EPA 6010D	2-8-22	2-8-22	
Barium	**32**	2.6	EPA 6010D	2-8-22	2-8-22	
Cadmium	**ND**	0.52	EPA 6010D	2-8-22	2-8-22	
Chromium	**6.4**	0.52	EPA 6010D	2-8-22	2-8-22	
Lead	**31**	5.2	EPA 6010D	2-8-22	2-8-22	
Mercury	**ND**	0.26	EPA 7471B	2-7-22	2-7-22	
Selenium	**ND**	10	EPA 6010D	2-8-22	2-8-22	
Silver	**ND**	1.0	EPA 6010D	2-8-22	2-8-22	

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 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:	**SB3-2-1-22-5'**					
Laboratory ID:	02-042-08					
Arsenic	**ND**	10	EPA 6010D	2-8-22	2-8-22	
Barium	**28**	2.6	EPA 6010D	2-8-22	2-8-22	
Cadmium	**ND**	0.52	EPA 6010D	2-8-22	2-8-22	
Chromium	**5.8**	0.52	EPA 6010D	2-8-22	2-8-22	
Lead	**ND**	5.2	EPA 6010D	2-8-22	2-8-22	
Mercury	**ND**	0.26	EPA 7471B	2-7-22	2-7-22	
Selenium	**ND**	10	EPA 6010D	2-8-22	2-8-22	
Silver	**ND**	1.0	EPA 6010D	2-8-22	2-8-22	
Client ID:	**SB3-2-1-22-10'**					
Laboratory ID:	02-042-09					
Arsenic	**ND**	11	EPA 6010D	2-8-22	2-8-22	
Barium	**27**	2.6	EPA 6010D	2-8-22	2-8-22	
Cadmium	**ND**	0.53	EPA 6010D	2-8-22	2-8-22	
Chromium	**4.5**	0.53	EPA 6010D	2-8-22	2-8-22	
Lead	**ND**	5.3	EPA 6010D	2-8-22	2-8-22	
Mercury	**ND**	0.26	EPA 7471B	2-7-22	2-7-22	
Selenium	**ND**	11	EPA 6010D	2-8-22	2-8-22	
Silver	**ND**	1.1	EPA 6010D	2-8-22	2-8-22	
Client ID:	**SB3-2-1-22-25'**					
Laboratory ID:	02-042-10					
Arsenic	**ND**	11	EPA 6010D	2-8-22	2-8-22	
Barium	**73**	2.8	EPA 6010D	2-8-22	2-8-22	
Cadmium	**ND**	0.56	EPA 6010D	2-8-22	2-8-22	
Chromium	**5.8**	0.56	EPA 6010D	2-8-22	2-8-22	
Lead	**ND**	5.6	EPA 6010D	2-8-22	2-8-22	
Mercury	**ND**	0.28	EPA 7471B	2-7-22	2-7-22	
Selenium	**ND**	11	EPA 6010D	2-8-22	2-8-22	
Silver	**ND**	1.1	EPA 6010D	2-8-22	2-8-22	

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Project: E2021-0910; 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:	**SB4-2-1-22-5'**					
Laboratory ID:	02-042-12					
Arsenic	**ND**	10	EPA 6010D	2-8-22	2-8-22	
Barium	**47**	2.5	EPA 6010D	2-8-22	2-8-22	
Cadmium	**ND**	0.51	EPA 6010D	2-8-22	2-8-22	
Chromium	**7.8**	0.51	EPA 6010D	2-8-22	2-8-22	
Lead	**ND**	5.1	EPA 6010D	2-8-22	2-8-22	
Mercury	**ND**	0.25	EPA 7471B	2-7-22	2-7-22	
Selenium	**ND**	10	EPA 6010D	2-8-22	2-8-22	
Silver	**ND**	1.0	EPA 6010D	2-8-22	2-8-22	
Client ID:	**SB4-2-1-22-10'**					
Laboratory ID:	02-042-13					
Arsenic	**ND**	10	EPA 6010D	2-8-22	2-8-22	
Barium	**41**	2.6	EPA 6010D	2-8-22	2-8-22	
Cadmium	**ND**	0.52	EPA 6010D	2-8-22	2-8-22	
Chromium	**7.9**	0.52	EPA 6010D	2-8-22	2-8-22	
Lead	**ND**	5.2	EPA 6010D	2-8-22	2-8-22	
Mercury	**ND**	0.26	EPA 7471B	2-7-22	2-7-22	
Selenium	**ND**	10	EPA 6010D	2-8-22	2-8-22	
Silver	**ND**	1.0	EPA 6010D	2-8-22	2-8-22	
Client ID:	**SB4-2-1-22-15'**					
Laboratory ID:	02-042-14					
Arsenic	**ND**	11	EPA 6010D	2-8-22	2-8-22	
Barium	**31**	2.7	EPA 6010D	2-8-22	2-8-22	
Cadmium	**ND**	0.53	EPA 6010D	2-8-22	2-8-22	
Chromium	**6.4**	0.53	EPA 6010D	2-8-22	2-8-22	
Lead	**ND**	5.3	EPA 6010D	2-8-22	2-8-22	
Mercury	**ND**	0.27	EPA 7471B	2-7-22	2-7-22	
Selenium	**ND**	11	EPA 6010D	2-8-22	2-8-22	
Silver	**ND**	1.1	EPA 6010D	2-8-22	2-8-22	

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TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB4-2-1-22-20'**					
Laboratory ID:	02-042-15					
Arsenic	**ND**	11	EPA 6010D	2-8-22	2-8-22	
Barium	**36**	2.7	EPA 6010D	2-8-22	2-8-22	
Cadmium	**ND**	0.54	EPA 6010D	2-8-22	2-8-22	
Chromium	**6.1**	0.54	EPA 6010D	2-8-22	2-8-22	
Lead	**ND**	5.4	EPA 6010D	2-8-22	2-8-22	
Mercury	**ND**	0.27	EPA 7471B	2-7-22	2-7-22	
Selenium	**ND**	11	EPA 6010D	2-8-22	2-8-22	
Silver	**ND**	1.1	EPA 6010D	2-8-22	2-8-22	
Client ID:	**SB5-2-1-22-5'**					
Laboratory ID:	02-042-16					
Arsenic	**ND**	10	EPA 6010D	2-8-22	2-8-22	
Barium	**39**	2.6	EPA 6010D	2-8-22	2-8-22	
Cadmium	**ND**	0.51	EPA 6010D	2-8-22	2-8-22	
Chromium	**7.4**	0.51	EPA 6010D	2-8-22	2-8-22	
Lead	**ND**	5.1	EPA 6010D	2-8-22	2-8-22	
Mercury	**ND**	0.26	EPA 7471B	2-7-22	2-7-22	
Selenium	**ND**	10	EPA 6010D	2-8-22	2-8-22	
Silver	**ND**	1.0	EPA 6010D	2-8-22	2-8-22	
Client ID:	**SB5-2-1-22-10'**					
Laboratory ID:	02-042-17					
Arsenic	**ND**	11	EPA 6010D	2-8-22	2-8-22	
Barium	**24**	2.6	EPA 6010D	2-8-22	2-8-22	
Cadmium	**ND**	0.53	EPA 6010D	2-8-22	2-8-22	
Chromium	**5.2**	0.53	EPA 6010D	2-8-22	2-8-22	
Lead	**9.4**	5.3	EPA 6010D	2-8-22	2-8-22	
Mercury	**ND**	0.26	EPA 7471B	2-7-22	2-7-22	
Selenium	**ND**	11	EPA 6010D	2-8-22	2-8-22	
Silver	**ND**	1.1	EPA 6010D	2-8-22	2-8-22	

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TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB5-2-1-22-15'**					
Laboratory ID:	02-042-18					
Arsenic	**ND**	12	EPA 6010D	2-8-22	2-8-22	
Barium	**66**	2.9	EPA 6010D	2-8-22	2-8-22	
Cadmium	**ND**	0.58	EPA 6010D	2-8-22	2-8-22	
Chromium	**4.3**	0.58	EPA 6010D	2-8-22	2-8-22	
Lead	**ND**	5.8	EPA 6010D	2-8-22	2-8-22	
Mercury	**ND**	0.29	EPA 7471B	2-7-22	2-7-22	
Selenium	**ND**	12	EPA 6010D	2-8-22	2-8-22	
Silver	**ND**	1.2	EPA 6010D	2-8-22	2-8-22	
Client ID:	**SB5-2-1-22-20'**					
Laboratory ID:	02-042-19					
Arsenic	**ND**	12	EPA 6010D	2-8-22	2-8-22	
Barium	**79**	2.9	EPA 6010D	2-8-22	2-8-22	
Cadmium	**ND**	0.58	EPA 6010D	2-8-22	2-8-22	
Chromium	**2.9**	0.58	EPA 6010D	2-8-22	2-8-22	
Lead	**ND**	5.8	EPA 6010D	2-8-22	2-8-22	
Mercury	**ND**	0.29	EPA 7471B	2-7-22	2-7-22	
Selenium	**ND**	12	EPA 6010D	2-8-22	2-8-22	
Silver	**ND**	1.2	EPA 6010D	2-8-22	2-8-22	
Client ID:	**SB6-2-1-22-5'**					
Laboratory ID:	02-042-21					
Arsenic	**ND**	11	EPA 6010D	2-8-22	2-8-22	
Barium	**53**	2.7	EPA 6010D	2-8-22	2-8-22	
Cadmium	**ND**	0.53	EPA 6010D	2-8-22	2-8-22	
Chromium	**11**	0.53	EPA 6010D	2-8-22	2-8-22	
Lead	**21**	5.3	EPA 6010D	2-8-22	2-8-22	
Mercury	**ND**	0.27	EPA 7471B	2-7-22	2-7-22	
Selenium	**ND**	11	EPA 6010D	2-8-22	2-8-22	
Silver	**ND**	1.1	EPA 6010D	2-8-22	2-8-22	

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TOTAL METALS
EPA 6010D/7471B

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB6-2-1-22-10'**					
Laboratory ID:	02-042-22					
Arsenic	**ND**	10	EPA 6010D	2-4-22	2-4-22	
Barium	**48**	2.6	EPA 6010D	2-4-22	2-4-22	
Cadmium	**ND**	0.52	EPA 6010D	2-4-22	2-4-22	
Chromium	**8.4**	0.52	EPA 6010D	2-7-22	2-7-22	
Lead	**ND**	5.2	EPA 6010D	2-4-22	2-4-22	
Mercury	**ND**	0.26	EPA 7471B	2-7-22	2-7-22	
Selenium	**ND**	10	EPA 6010D	2-4-22	2-4-22	
Silver	**ND**	1.0	EPA 6010D	2-4-22	2-4-22	
Client ID:	**SB6-2-1-22-15'**					
Laboratory ID:	02-042-23					
Arsenic	**ND**	10	EPA 6010D	2-4-22	2-4-22	
Barium	**44**	2.6	EPA 6010D	2-4-22	2-4-22	
Cadmium	**ND**	0.52	EPA 6010D	2-4-22	2-4-22	
Chromium	**6.9**	0.52	EPA 6010D	2-7-22	2-7-22	
Lead	**ND**	5.2	EPA 6010D	2-4-22	2-4-22	
Mercury	**ND**	0.26	EPA 7471B	2-7-22	2-7-22	
Selenium	**ND**	10	EPA 6010D	2-4-22	2-4-22	
Silver	**ND**	1.0	EPA 6010D	2-4-22	2-4-22	
Client ID:	**SB6-2-1-22-20'**					
Laboratory ID:	02-042-24					
Arsenic	**ND**	11	EPA 6010D	2-4-22	2-4-22	
Barium	**52**	2.6	EPA 6010D	2-4-22	2-4-22	
Cadmium	**ND**	0.53	EPA 6010D	2-4-22	2-4-22	
Chromium	**10**	0.53	EPA 6010D	2-7-22	2-7-22	
Lead	**ND**	5.3	EPA 6010D	2-4-22	2-4-22	
Mercury	**ND**	0.26	EPA 7471B	2-7-22	2-7-22	
Selenium	**ND**	11	EPA 6010D	2-4-22	2-4-22	
Silver	**ND**	1.1	EPA 6010D	2-4-22	2-4-22	

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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:	MB0208SM1					
Arsenic	**ND**	10	EPA 6010D	2-8-22	2-8-22	
Barium	**ND**	2.5	EPA 6010D	2-8-22	2-8-22	
Cadmium	**ND**	0.50	EPA 6010D	2-8-22	2-8-22	
Chromium	**ND**	0.50	EPA 6010D	2-8-22	2-8-22	
Lead	**ND**	5.0	EPA 6010D	2-8-22	2-8-22	
Selenium	**ND**	10	EPA 6010D	2-8-22	2-8-22	
Silver	**ND**	1.0	EPA 6010D	2-8-22	2-8-22	
Laboratory ID:	MB0207S2					
Mercury	**ND**	0.25	EPA 7471B	2-7-22	2-7-22	
Laboratory ID:	MB0207SM1					
Chromium	**ND**	0.50	EPA 6010D	2-7-22	2-7-22	
Laboratory ID:	MB0204SM2					
Arsenic	**ND**	10	EPA 6010D	2-4-22	2-4-22	
Barium	**ND**	2.5	EPA 6010D	2-4-22	2-4-22	
Cadmium	**ND**	0.50	EPA 6010D	2-4-22	2-4-22	
Lead	**ND**	5.0	EPA 6010D	2-4-22	2-4-22	
Selenium	**ND**	10	EPA 6010D	2-4-22	2-4-22	
Silver	**ND**	1.0	EPA 6010D	2-4-22	2-4-22	
Laboratory ID:	MB0207S1					
Mercury	**ND**	0.25	EPA 7471B	2-7-22	2-7-22	

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TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	02-042-24									
	ORIG	DUP								
Arsenic	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Barium	**49.2**	**46.4**	NA	NA		NA	NA	6	20	
Cadmium	**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:	02-042-24									
Mercury	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Laboratory ID:	02-042-24									
	ORIG	DUP								
Chromium	**9.70**	**8.25**	NA	NA		NA	NA	16	20	
Laboratory ID:	02-042-01									
	ORIG	DUP								
Arsenic	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Barium	**28.6**	**28.0**	NA	NA		NA	NA	2	20	
Cadmium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Chromium	**7.55**	**6.25**	NA	NA		NA	NA	19	20	
Selenium	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Silver	**ND**	**ND**	NA	NA		NA	NA	NA	20	
Laboratory ID:	02-042-01									
Mercury	**ND**	**ND**	NA	NA		NA	NA	NA	20	

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TOTAL METALS
EPA 6010D/7471B
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
MATRIX SPIKES											
Laboratory ID:	02-042-24										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**96.5**	**97.4**	100	100	ND	**97**	**97**	75-125	1	20	
Barium	**140**	**138**	100	100	49.2	**91**	**89**	75-125	2	20	
Cadmium	**43.8**	**44.2**	50.0	50.0	ND	**88**	**88**	75-125	1	20	
Lead	**232**	**235**	250	250	ND	**93**	**94**	75-125	1	20	
Selenium	**92.0**	**91.1**	100	100	ND	**92**	**91**	75-125	1	20	
Silver	**24.0**	**23.9**	25.0	25.0	ND	**96**	**96**	75-125	0	20	
Laboratory ID:	02-042-24										
Mercury	**0.521**	**0.545**	0.500	0.500	0.0572	**93**	**98**	80-120	5	20	
Laboratory ID:	02-042-24										
	MS	MSD	MS	MSD		MS	MSD				
Chromium	**92.0**	**89.2**	100	100	9.70	**82**	**80**	75-125	3	20	
Laboratory ID:	02-042-01										
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	**93.9**	**93.2**	100	100	ND	**94**	**93**	75-125	1	20	
Barium	**127**	**121**	100	100	28.6	**98**	**92**	75-125	5	20	
Cadmium	**40.0**	**39.9**	50.0	50.0	ND	**80**	**80**	75-125	0	20	
Chromium	**102**	**99.5**	100	100	7.55	**95**	**92**	75-125	3	20	
Lead	**225**	**226**	250	250	ND	**90**	**90**	75-125	0	20	
Selenium	**87.6**	**88.3**	100	100	ND	**88**	**88**	75-125	1	20	
Silver	**24.7**	**25.2**	25.0	25.0	ND	**99**	**101**	75-125	2	20	
Laboratory ID:	02-042-01										
Mercury	**0.524**	**0.514**	0.500	0.500	0.0203	**101**	**99**	80-120	2	20	

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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:	**SB1-2-1-22-GW**					
Laboratory ID:	02-042-04					
Arsenic	**120**	3.3	EPA 200.8	2-4-22	2-4-22	
Barium	**2500**	280	EPA 200.8	2-4-22	2-4-22	
Cadmium	**110**	4.4	EPA 200.8	2-4-22	2-4-22	
Chromium	**530**	110	EPA 200.8	2-4-22	2-4-22	
Lead	**1200**	11	EPA 200.8	2-4-22	2-4-22	
Mercury	**1.1**	0.50	EPA 7470A	2-4-22	2-4-22	
Selenium	**6.3**	5.6	EPA 200.8	2-4-22	2-4-22	
Silver	**ND**	11	EPA 200.8	2-4-22	2-4-22	
Client ID:	**SB3-2-1-22-GW**					
Laboratory ID:	02-042-11					
Arsenic	**51**	3.3	EPA 200.8	2-4-22	2-4-22	
Barium	**1800**	280	EPA 200.8	2-4-22	2-4-22	
Cadmium	**ND**	4.4	EPA 200.8	2-4-22	2-4-22	
Chromium	**420**	110	EPA 200.8	2-4-22	2-4-22	
Lead	**150**	11	EPA 200.8	2-4-22	2-4-22	
Mercury	**0.59**	0.50	EPA 7470A	2-4-22	2-4-22	
Selenium	**ND**	5.6	EPA 200.8	2-4-22	2-4-22	
Silver	**ND**	11	EPA 200.8	2-4-22	2-4-22	
Client ID:	**SB5-2-1-22-GW**					
Laboratory ID:	02-042-20					
Arsenic	**130**	3.3	EPA 200.8	2-4-22	2-4-22	
Barium	**5800**	560	EPA 200.8	2-4-22	2-4-22	
Cadmium	**6.4**	4.4	EPA 200.8	2-4-22	2-4-22	
Chromium	**1100**	220	EPA 200.8	2-4-22	2-4-22	
Lead	**330**	22	EPA 200.8	2-4-22	2-4-22	
Mercury	**0.87**	0.50	EPA 7470A	2-4-22	2-4-22	
Selenium	**11**	5.6	EPA 200.8	2-4-22	2-4-22	
Silver	**ND**	11	EPA 200.8	2-4-22	2-4-22	

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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:	MB0204WM1					
Arsenic	**ND**	3.3	EPA 200.8	2-4-22	2-4-22	
Barium	**ND**	28	EPA 200.8	2-4-22	2-4-22	
Cadmium	**ND**	4.4	EPA 200.8	2-4-22	2-4-22	
Chromium	**ND**	11	EPA 200.8	2-4-22	2-4-22	
Lead	**ND**	1.1	EPA 200.8	2-4-22	2-4-22	
Selenium	**ND**	5.6	EPA 200.8	2-4-22	2-4-22	
Silver	**ND**	11	EPA 200.8	2-4-22	2-4-22	
Laboratory ID:	MB0204W1					
Mercury	**ND**	0.50	EPA 7470A	2-4-22	2-4-22	

Analyte	Result		Spike Level		Source Result	Percent Recovery	Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE										
Laboratory ID:	02-007-01									
	ORIG	DUP								
Arsenic	**6.58**	**6.64**	NA	NA		NA	NA	1	20	
Barium	**28.9**	**28.0**	NA	NA		NA	NA	3	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:	02-042-04									
Mercury	**1.11**	**0.990**	NA	NA		NA	NA	11	20	
MATRIX SPIKES										
Laboratory ID:	02-007-01									
	MS	MSD	MS	MSD		MS	MSD			
Arsenic	**124**	**124**	111	111	6.58	**106**	**105**	75-125	0	20
Barium	**143**	**142**	111	111	28.9	**103**	**102**	75-125	0	20
Cadmium	**116**	**115**	111	111	ND	**104**	**104**	75-125	0	20
Chromium	**121**	**120**	111	111	ND	**109**	**108**	75-125	1	20
Lead	**111**	**112**	111	111	ND	**100**	**101**	75-125	1	20
Selenium	**115**	**115**	111	111	ND	**104**	**104**	75-125	0	20
Silver	**111**	**110**	111	111	ND	**100**	**99**	75-125	1	20
Laboratory ID:	02-042-04									
Mercury	**13.0**	**12.5**	12.5	12.5	1.11	**95**	**91**	75-125	4	20

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 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:	**SB1-2-1-22-10'**					
Laboratory ID:	02-042-02					
Gasoline	**220**	46	NWTPH-Gx	2-11-22	2-11-22	O
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*104*	*66-129*				

Date of Report: February 15, 2022
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Laboratory Reference: 2202-042
Project: E2021-0910; 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:	MB0211S1					
Gasoline	**ND**	5.0	NWTPH-Gx	2-11-22	2-11-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*94*	*66-129*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	02-042-02										
	ORIG	DUP									
Gasoline	**199**	**148**	NA	NA		NA		NA	29	30	
Surrogate:											
Fluorobenzene						*104*	*102*	*66-129*			

Date of Report: February 15, 2022
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Project: E2021-0910; 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:	**SB1-2-1-22-GW**					
Laboratory ID:	02-042-04					
Gasoline	**ND**	500	NWTPH-Gx	2-11-22	2-11-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*100*	*66-117*				
Client ID:	**SB3-2-1-22-GW**					
Laboratory ID:	02-042-11					
Gasoline	**ND**	500	NWTPH-Gx	2-11-22	2-11-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*102*	*66-117*				
Client ID:	**SB5-2-1-22-GW**					
Laboratory ID:	02-042-20					
Gasoline	**ND**	500	NWTPH-Gx	2-11-22	2-11-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*101*	*66-117*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 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:	MB0211W1					
Gasoline	**ND**	100	NWTPH-Gx	2-11-22	2-11-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
Fluorobenzene	*96*	*66-117*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	02-135-08										
	ORIG	DUP									
Gasoline	**ND**	**ND**	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						*95*	*95*	*66-117*			

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 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:	**SB1-2-1-22-10'**					
Laboratory ID:	02-042-02					
Diesel Range Organics	**670**	140	NWTPH-Dx	2-14-22	2-15-22	
Lube Oil Range Organics	**1400**	270	NWTPH-Dx	2-14-22	2-15-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*83*	*50-150*				
Client ID:	**SB5-2-1-22-10'**					
Laboratory ID:	02-042-17					
Diesel Range Organics	**ND**	660	NWTPH-Dx	2-14-22	2-15-22	
Lube Oil	**6900**	1300	NWTPH-Dx	2-14-22	2-15-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*---*	*50-150*				S
Client ID:	**SB5-2-1-22-15'**					
Laboratory ID:	02-042-18					
Diesel Range Organics	**ND**	140	NWTPH-Dx	2-14-22	2-15-22	
Lube Oil	**1100**	290	NWTPH-Dx	2-14-22	2-15-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*90*	*50-150*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 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:	MB0214S1					
Diesel Range Organics	**ND**	25	NWTPH-Dx	2-14-22	2-14-22	
Lube Oil Range Organics	**ND**	50	NWTPH-Dx	2-14-22	2-14-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*93*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	SB0214S1										
	ORIG	DUP									
Diesel Fuel #2	**96.7**	**97.5**	NA	NA		NA		NA	1	NA	
Surrogate:											
o-Terphenyl						*93*	*89*	*50-150*			

Date of Report: February 15, 2022
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Laboratory Reference: 2202-042
Project: E2021-0910; 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:	**SB1-2-1-22-GW**					
Laboratory ID:	02-042-04					
Diesel Range Organics	**5.0**	0.25	NWTPH-Dx	2-4-22	2-9-22	M
Lube Oil Range Organics	**4.8**	0.25	NWTPH-Dx	2-4-22	2-9-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*105*	*50-150*				
Client ID:	**SB3-2-1-22-GW**					
Laboratory ID:	02-042-11					
Diesel Range Organics	**0.26**	0.19	NWTPH-Dx	2-4-22	2-15-22	M
Lube Oil Range Organics	**ND**	0.19	NWTPH-Dx	2-4-22	2-15-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*94*	*50-150*				
Client ID:	**SB5-2-1-22-GW**					
Laboratory ID:	02-042-20					
Diesel Range Organics	**0.33**	0.28	NWTPH-Dx	2-4-22	2-9-22	
Lube Oil Range Organics	**0.44**	0.28	NWTPH-Dx	2-4-22	2-9-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*101*	*50-150*				

Date of Report: February 15, 2022
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Laboratory Reference: 2202-042
Project: E2021-0910; 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:	MB0204W1					
Diesel Range Organics	**ND**	0.16	NWTPH-Dx	2-4-22	2-9-22	
Lube Oil Range Organics	**ND**	0.16	NWTPH-Dx	2-4-22	2-9-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
o-Terphenyl	*91*	*50-150*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
DUPLICATE											
Laboratory ID:	SB0204W1										
	ORIG	DUP									
Diesel Fuel #2	**0.444**	**0.436**	NA	NA		NA		NA	2	NA	
Surrogate:											
o-Terphenyl						*111*	*109*	*50-150*			

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

PCBs EPA 8082A

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB1-2-1-22-10'**					
Laboratory ID:	02-042-02					
Aroclor 1016	**ND**	0.052	EPA 8082A	2-14-22	2-14-22	
Aroclor 1221	**ND**	0.052	EPA 8082A	2-14-22	2-14-22	
Aroclor 1232	**ND**	0.052	EPA 8082A	2-14-22	2-14-22	
Aroclor 1242	**ND**	0.052	EPA 8082A	2-14-22	2-14-22	
Aroclor 1248	**ND**	0.052	EPA 8082A	2-14-22	2-14-22	
Aroclor 1254	**ND**	0.052	EPA 8082A	2-14-22	2-14-22	
Aroclor 1260	**ND**	0.052	EPA 8082A	2-14-22	2-14-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*82*	*54-135*				
Client ID:	**SB5-2-1-22-10'**					
Laboratory ID:	02-042-17					
Aroclor 1016	**ND**	0.053	EPA 8082A	2-14-22	2-14-22	
Aroclor 1221	**ND**	0.053	EPA 8082A	2-14-22	2-14-22	
Aroclor 1232	**ND**	0.053	EPA 8082A	2-14-22	2-14-22	
Aroclor 1242	**ND**	0.053	EPA 8082A	2-14-22	2-14-22	
Aroclor 1248	**ND**	0.053	EPA 8082A	2-14-22	2-14-22	
Aroclor 1254	**ND**	0.053	EPA 8082A	2-14-22	2-14-22	
Aroclor 1260	**ND**	0.053	EPA 8082A	2-14-22	2-14-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*65*	*54-135*				
Client ID:	**SB5-2-1-22-15'**					
Laboratory ID:	02-042-18					
Aroclor 1016	**ND**	0.058	EPA 8082A	2-14-22	2-14-22	
Aroclor 1221	**ND**	0.058	EPA 8082A	2-14-22	2-14-22	
Aroclor 1232	**ND**	0.058	EPA 8082A	2-14-22	2-14-22	
Aroclor 1242	**ND**	0.058	EPA 8082A	2-14-22	2-14-22	
Aroclor 1248	**ND**	0.058	EPA 8082A	2-14-22	2-14-22	
Aroclor 1254	**ND**	0.058	EPA 8082A	2-14-22	2-14-22	
Aroclor 1260	**ND**	0.058	EPA 8082A	2-14-22	2-14-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*73*	*54-135*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Soil
Units: mg/Kg (ppm)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0214S1					
Aroclor 1016	**ND**	0.050	EPA 8082A	2-14-22	2-14-22	
Aroclor 1221	**ND**	0.050	EPA 8082A	2-14-22	2-14-22	
Aroclor 1232	**ND**	0.050	EPA 8082A	2-14-22	2-14-22	
Aroclor 1242	**ND**	0.050	EPA 8082A	2-14-22	2-14-22	
Aroclor 1248	**ND**	0.050	EPA 8082A	2-14-22	2-14-22	
Aroclor 1254	**ND**	0.050	EPA 8082A	2-14-22	2-14-22	
Aroclor 1260	**ND**	0.050	EPA 8082A	2-14-22	2-14-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*101*	*54-135*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0214S1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.468**	**0.494**	0.500	0.500	N/A	**94**	**99**	65-134	5	18	
Surrogate:											
DCB						*90*	*96*	*54-135*			

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

PCBs EPA 8082A

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	**SB1-2-1-22-GW**					
Laboratory ID:	02-042-04					
Aroclor 1016	**ND**	0.052	EPA 8082A	2-15-22	2-15-22	U1
Aroclor 1221	**ND**	0.052	EPA 8082A	2-15-22	2-15-22	U1
Aroclor 1232	**ND**	0.052	EPA 8082A	2-15-22	2-15-22	U1
Aroclor 1242	**ND**	0.052	EPA 8082A	2-15-22	2-15-22	U1
Aroclor 1248	**ND**	0.052	EPA 8082A	2-15-22	2-15-22	U1
Aroclor 1254	**ND**	0.052	EPA 8082A	2-15-22	2-15-22	U1
Aroclor 1260	**ND**	0.052	EPA 8082A	2-15-22	2-15-22	U1
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*32*	*42-140*				Q
Client ID:	**SB3-2-1-22-GW**					
Laboratory ID:	02-042-11					
Aroclor 1016	**ND**	0.022	EPA 8082A	2-15-22	2-15-22	
Aroclor 1221	**ND**	0.022	EPA 8082A	2-15-22	2-15-22	
Aroclor 1232	**ND**	0.022	EPA 8082A	2-15-22	2-15-22	
Aroclor 1242	**ND**	0.022	EPA 8082A	2-15-22	2-15-22	
Aroclor 1248	**ND**	0.022	EPA 8082A	2-15-22	2-15-22	
Aroclor 1254	**ND**	0.022	EPA 8082A	2-15-22	2-15-22	
Aroclor 1260	**ND**	0.022	EPA 8082A	2-15-22	2-15-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*80*	*42-140*				
Client ID:	**SB5-2-1-22-GW**					
Laboratory ID:	02-042-20					
Aroclor 1016	**ND**	0.050	EPA 8082A	2-15-22	2-15-22	
Aroclor 1221	**ND**	0.050	EPA 8082A	2-15-22	2-15-22	
Aroclor 1232	**ND**	0.050	EPA 8082A	2-15-22	2-15-22	
Aroclor 1242	**ND**	0.050	EPA 8082A	2-15-22	2-15-22	
Aroclor 1248	**ND**	0.050	EPA 8082A	2-15-22	2-15-22	
Aroclor 1254	**ND**	0.050	EPA 8082A	2-15-22	2-15-22	
Aroclor 1260	**ND**	0.050	EPA 8082A	2-15-22	2-15-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*82*	*42-140*				

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

PCBs EPA 8082A
QUALITY CONTROL

Matrix: Water
Units: ug/L (ppb)

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0215W1					
Aroclor 1016	**ND**	0.020	EPA 8082A	2-15-22	2-15-22	
Aroclor 1221	**ND**	0.020	EPA 8082A	2-15-22	2-15-22	
Aroclor 1232	**ND**	0.020	EPA 8082A	2-15-22	2-15-22	
Aroclor 1242	**ND**	0.020	EPA 8082A	2-15-22	2-15-22	
Aroclor 1248	**ND**	0.020	EPA 8082A	2-15-22	2-15-22	
Aroclor 1254	**ND**	0.020	EPA 8082A	2-15-22	2-15-22	
Aroclor 1260	**ND**	0.020	EPA 8082A	2-15-22	2-15-22	
Surrogate:	*Percent Recovery*	*Control Limits*				
DCB	*65*	*42-140*				

Analyte	Result		Spike Level		Source Result	Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB0215W1										
	SB	SBD	SB	SBD		SB	SBD				
Aroclor 1260	**0.445**	**0.446**	0.500	0.500	N/A	**89**	**89**	73-131	0	12	
Surrogate:											
DCB						*64*	*63*	*42-140*			

Date of Report: February 15, 2022
Samples Submitted: February 3, 2022
Laboratory Reference: 2202-042
Project: E2021-0910; 1201 S. 1st St. Yakima

% MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
SB1-2-1-22-5'	02-042-01	**5**	2-3-22
SB1-2-1-22-10'	02-042-02	**8**	2-3-22
SB1-2-1-22-15'	02-042-03	**8**	2-4-22
SB2-2-1-22-5'	02-042-05	**4**	2-3-22
SB2-2-1-22-10'	02-042-06	**5**	2-3-22
SB2-2-1-22-15'	02-042-07	**4**	2-3-22
SB3-2-1-22-5'	02-042-08	**4**	2-3-22
SB3-2-1-22-10'	02-042-09	**5**	2-3-22
SB3-2-1-22-25'	02-042-10	**11**	2-3-22
SB4-2-1-22-15'	02-042-14	**6**	2-3-22
SB4-2-1-22-20'	02-042-15	**7**	2-3-22
SB5-2-1-22-5'	02-042-16	**2**	2-3-22
SB5-2-1-22-10'	02-042-17	**5**	2-3-22
SB5-2-1-22-15'	02-042-18	**13**	2-3-22
SB5-2-1-22-20'	02-042-19	**14**	2-3-22
SB6-2-1-22-10'	02-042-22	**4**	2-3-22

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.

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: E2021-0910
Project Name: 1201 S. 1ST ST. YAKIMA
Project Manager: Y. MEYER / P. TRABUSINER
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: 02-042

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A					% Moisture
1	SB1-2-1-22-5'	2.1.22	1210 ~~1405~~	SOIL	5	X	*		*						**				X								X
2	SB1-2-1-22-10'		~~1258~~ 1240	SOIL	5			●	●	X				X	●												
3	SB1-2-1-22-15'		1230	SOIL	5																						
4	SB1-2-1-22-GW		~~1255~~ 1314	GW	10 VOA			●	●	X				X	●												ND
5	SB2-2-1-22-5'		1314	SOIL	5																						
6	SB2-2-1-22-10'		1320																								
7	SB2-2-1-22-15'		1325																								
8	SB3-2-1-22-5'		1330																								
9	SB3-2-1-22-10'		1335																								
10	SB3-2-1-22-25'		1510							X				X													

	Signature	Company	Date	Time
Relinquished		BMEC	2.2.22	1200
Received		OSE	2/3/22	1130
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions

* FOLLOW ANY POSITIVE HCID WITH Gx/BTEX AND OR Dx AS APPROPRIATE (3 DAY TURN)
** FOLLOW POSITIVE Dx WITH PCB's (3 DAY)
● Added 2/10/22. DB (3 day TAT)

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: E2021-0910
Project Name: 1201 S. 1st St. Yakima
Project Manager: Y. MEYER / P. TRABUSINER
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: 02-042

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals (CCRA)	TCLP Metals	HEM (oil and grease) 1664A					% Moisture
11	SB3-2-1-22-GW	2-1-22	1600	H_2O	10	X	*	●	●	X				X	●					X							
12	SB4-2-1-22-5'	↓	1620	SOIL	5	↓	↓		↓						—					↓								X
13	SB4-2-1-22-10'		1625	↓	↓										—													↓
14	SB4-2-1-22-15'		1630												—													
15	SB4-2-1-22-20'		1635												—													
16	SB5-2-1-22-5'		1650												—													
17	SB5-2-1-22-10'		1655						●						●													
18	SB5-2-1-22-15'		1700						●						●													
19	SB5-2-1-22-20'		1705	↓	↓					X	X (ND)			X														
20	SB5-2-1-22-GW	↓	1800	H_2O	10	↓	↓	●	●	X	X (ND)			X	●					↓								

	Signature	Company	Date	Time
Relinquished		BMEC	2-2-22	1200
Received		OSE	2/3/22	1130
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
* Follow any positive HCID with Gx/BTEX and or Dx as appropriate (3 day turn)
** Follow positive Dx with PCB's (3 day)

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: E2021-0910
Project Name: 1201 S. 1ST St. YAKIMA
Project Manager: Y. MEYER / P. TRABUSINER
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: 02-042

Lab ID	Sample Identification	Date Sampled	Time Sampled	Matrix	Number of Containers	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Gx	NWTPH-Dx (☐ Acid / SG Clean-up)	Volatiles 8260D	Halogenated Volatiles 8260D	EDB EPA 8011 (Waters Only)	Semivolatiles 8270E/SIM (with low-level PAHs)	PAHs 8270E/SIM (low-level)	PCBs 8082A	Organochlorine Pesticides 8081B	Organophosphorus Pesticides 8270E/SIM	Chlorinated Acid Herbicides 8151A	Total RCRA Metals	Total MTCA Metals	TCLP Metals	HEM (oil and grease) 1664A					% Moisture
21	SB6-2-1-22-5'	2.1.22	1730	SOIL	5	X	*		●						●				X								X
22	SB6-2-1-22-10'	↓	1735	↓	↓	↓	↓		↓						↓				↓								↓
23	SB6-2-1-22-15'		1740			↓	↓		↓						↓												
24	SB6-2-1-22-20'	↓	1745	↓	↓	↓	↓		↓						↓				↓								↓

	Signature	Company	Date	Time
Relinquished		BMEC	2.2.22	1200
Received		OSE	2/3/22	1130
Relinquished				
Received				
Relinquished				
Received				
Reviewed/Date		Reviewed/Date		

Comments/Special Instructions
* FOLLOW ANY POSITIVE HCID WITH GX/BTEX AND OR DX AS APPROPRIATE (3 DAY TURN)
** FOLLOW POSITIVE DX WITH PCBs (3 DAY TURN)

Data Package: Standard ☐ Level III ☐ Level IV ☐

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

APPENDIX E

COURT ORDER ESTABLISHING ESTATE EXECUTOR

ISSUED
TRACEY M SLAGLE, CLERK

'21 SEP 24 P1:50

SUPERIOR COURT
YAKIMA CO. WA

IN THE SUPERIOR COURT OF THE STATE OF WASHINGTON
IN AND FOR THE COUNTY OF YAKIMA

In the Matter of the Estate of DOUG BETTAREL, Deceased.	No. LETTERS TESTAMENTARY

The Last Will and Testament of DOUG BETTAREL, has been identified, proven, and recorded in our said Superior Court, and it appears in and by said Will that DEBRA K. MANJARREZ was appointed as personal representative of the Estate, and as she has duly qualified,

NOW, THEREFORE, DEBRA K. MANJARREZ, is hereby authorized to execute said Will according to law.

WITNESS my hand and the seal of this court this 24 day of Sept 2021.

SUPERIOR COURT CLERK

By: _____
Deputy Clerk

STATE OF WASHINGTON, County of Yakima ss
I, Tracey M. Slagle, Clerk of the above entitled Court, do hereby certify that the forgoing instrument is a true and correct copy of the original now on file in my office, and still in full force & effect.
IN WITNESS WHEREOF, I hereunto set my hand and the seal of said court this 24 day of Sept 20 21
Tracey M. Slagle, Clerk

By _____ Deputy

Clerk of the Superior Court STATE OF WASHINGTON Yakima County

CARLSON HINTON LAW
2010 W. Nob Hill Blvd-Suite 3
Yakima WA 98902
(509) 834-6611