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August 9, 2021 Project No. 0747.01.12

Michael R. Warfel, LG, LHG, RG Washington State Department of Ecology 3190 160th Avenue SE Bellevue, Washington 98008

Re: Fourth Quarterly Compliance Groundwater Monitoring Event North Cascade Ford Property, Sedro-Woolley, Washington VCP Number: NW3031, CSID: 12075, FSID: 58313566

Dear Mr. Warfel:

In June 2021, on behalf of VSF Properties, LLC, Maul Foster & Alongi, Inc. (MFA) conducted the fourth quarterly monitoring well sampling activities at the North Cascade Ford property, located at 116 W Ferry Street in Sedro-Woolley, Washington (the Property) (see Figure 1). The North Cascade Ford Site (the Site) includes the Property and a portion of the adjacent property to the north, owned by the Burlington Northern Santa Fe Railway Company (see Figures 1 and 2).

Activities were conducted in accordance with the groundwater compliance monitoring plan (CMP) (MFA, 2020a), the addendum to the groundwater CMP (MFA, 2020c), and the Washington State Model Toxics Control Act (MTCA) (Washington Administrative Code [WAC] 173-340-410(b)) requirements for performance monitoring.

BACKGROUND

Previous investigations identified environmental impacts in three areas of the Site, referred to as areas of concern (AOCs) 1 through 3 (MFA, 2015, 2017a,b, 2020b,c). AOC excavation areas are shown on Figure 2.

Chemicals of concern (COCs) in AOCs 1 through 3 include diesel-range organics (DRO); lubeoil-range organics (ORO); gasoline-range organics (GRO); benzene, toluene, ethylbenzene, total xylenes (BTEX); and/or total naphthalenes.

Historical groundwater analytical results associated with monitoring wells in AOCs 1 and 2 and reconnaissance groundwater samples in AOC 3 are presented in Table 1.

In March 2020, a cleanup action was completed in AOCs 1 through 3 (MFA, 2020b). Following the remedial action, the groundwater CMP and the associated addendum were developed in coordination with the Washington State Department of Ecology (Ecology) to implement performance groundwater monitoring at the Site (MFA, 2020a,c). Per WAC 173-340(b), the

purpose of performance monitoring is to confirm that a cleanup action has attained cleanup levels (CULs). Previous quarterly compliance groundwater monitoring events were conducted in September and December 2020 and March 2021 (MFA, 2020d, 2021a, 2021b). The fourth groundwater monitoring event is described herein.

FIELD AND ANALYTICAL METHODS

Groundwater monitoring activities were conducted in June 2021, and all activities were conducted in accordance with the groundwater CMP (MFA, 2020a) and the addendum to the groundwater CMP (MFA, 2020c). Sample locations, sample depths, and chemical analyses are summarized in Table 2. Compliance monitoring well locations are shown on Figure 2.

Potentiometric Surface

On June 22, 2021, MFA measured static water levels in the compliance monitoring wells (see Table 3). A potentiometric surface map is provided as Figure 3. The estimated potentiometric surface contours are similar to those previously observed and indicate that shallow groundwater at the Site is hydraulically discontinuous and show minimal groundwater migration at this area of the Property.

Monitoring Well Sampling

MFA collected ten groundwater samples from nine compliance monitoring wells on the Property (MW01R, MW02R, MW04, MW06, MW07, and MW09 through MW12) on June 22, 2021, including a field duplicate sample from monitoring well MW02R. Chemical analyses and analytical methods are detailed in Table 2. Water quality field parameters (e.g., temperature, specific conductance, pH, turbidity) were allowed to stabilize prior to sample collection. During purging, the flow rates, water levels, and water quality parameters were recorded on field sampling data sheets (see Attachment A). Groundwater samples were submitted to Friedman & Bruya, Inc., for laboratory analysis under standard chain-of-custody procedures.

RESULTS

The laboratory analytical report is provided as Attachment B, and analytical data are presented in Table 4. Exceedances of the MTCA Method A CUL for DRO are shown on Figure 4, and site trends for DRO, ORO, and heavy oil concentrations are presented in Figures 5, 6, and 7, respectively. Analytical data and the laboratory's internal quality assurance and quality control data were reviewed to assess whether they met project-specific data quality objectives. A data validation memorandum summarizing data evaluation procedures, data usability, and deviations from specific field and/or laboratory methods is included as Attachment C. The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

At the request of Ecology during a phone call on April 16, 2021, additional discussion relative to previous groundwater monitoring reports is provided within to evaluate heavy oil concentrations in groundwater. Heavy oils were calculated for comparison to the DRO MTCA Method A CUL. To calculate heavy oils, DRO and ORO concentrations were summed and one-half the method reporting limit was used in the calculations for non-detect values.

AOC 1: Former Auto Repair Shop

Three groundwater samples were collected from AOC 1 monitoring wells MW01R, MW07, and MW09 and analyzed for BTEX, GRO, DRO, and ORO.

All detections of DRO and ORO in AOC 1 were below their respective MTCA Method A CULs. The sum of heavy oils in MW07 was above the MTCA Method A CUL for DRO.

No BTEX constituents or GRO were detected in the groundwater samples from AOC 1.

AOC 2: Former Underground Storage Tanks

Six groundwater samples, including one field duplicate, were collected from AOC 2 monitoring wells MW02R, MW04, MW06, MW10, and MW12 and analyzed for GRO, DRO, ORO, and BTEX.

DRO were detected in groundwater samples at MW02R, MW04, and MW10. Only one monitoring well, MW02R, had a detection of DRO slightly above the MTCA Method A CUL of 500 micrograms per liter (ug/L) at 560 ug/L. The sum of heavy oils also exceeded the MTCA Method A CUL in MW02R.

No BTEX constituents, ORO, or GRO were detected in the groundwater samples from AOC 2.

AOC 3: Former Coal Storage Sheds/Possible Buried Object

One groundwater sample was collected from AOC 3 monitoring well MW11 and analyzed for GRO, DRO, ORO, BTEX, and total naphthalenes.

No COCs were detected in the groundwater sample from AOC 3.

SUMMARY

Results from the groundwater monitoring indicate the following:

- AOC 1
 - BTEX and GRO were not detected.
 - No detections of DRO or ORO exceeded their respective MTCA Method A CULs.
 - The sum of heavy oils (DRO and ORO) exceeded the MTCA Method A CUL for DRO in one monitoring well, MW07.
- AOC 2
 - BTEX were not detected.
 - DRO concentrations remain slightly above the MTCA Method A CUL in groundwater at one monitoring well, MW02R.
 - The sum of heavy oils (DRO and ORO) also exceeds the MTCA Method A CUL for DRO in MW02R.
- AOC 3
 - No COCs were detected.

Recommendations and Request for Opinion

Following completion of four quarterly groundwater monitoring events, the groundwater CMP is reevaluated within this report (MFA, 2020a). CULs have not been met at all monitoring network wells; therefore, compliance monitoring will continue and be reevaluated on a quarterly basis, as required by the groundwater CMP.

Based on the results of the previous groundwater monitoring program, the following modifications to the groundwater CMP are proposed for subsequent groundwater monitoring events, as discussed below:

- Reduction in COCs to heavy oils (DRO and ORO) only
- Removal of MW06 and MW12 from the compliance monitoring well network

During the previous four quarters of groundwater monitoring, several COCs have not been detected or have only been detected at concentrations well below MTCA Method A CULs. BTEX, GRO, and total naphthalenes were initially selected as COCs for AOCs 1, 2, and/or 3, based on groundwater data collected prior to 2017, as discussed in the cleanup action plan and

feasibility study addendum (MFA, 2018a,b). The previous four quarters of groundwater monitoring data were collected subsequent to the March 2020 cleanup action and are more representative of current site conditions.

Since compliance monitoring began, there have been no detections of benzene or toluene. Only low-level detections of ethylbenzene, total xylenes, GRO, and total naphthalenes were reported from a single sampling event (i.e. September 2020), none of which exceed the applicable CULs for the Site. The data trends established during the previous four compliance monitoring events indicate that the cleanup action was effective and these COCs are no longer a potential concern for the Site. Therefore, MFA proposes that Ecology remove these COCs from the compliance groundwater monitoring analytical suite for the Site.

Similarly, there are two monitoring wells (MW06 and MW12) that have not had any detections of COCs since quarterly monitoring began in September 2020. MFA proposes that Ecology remove the analytical requirement for compliance monitoring at monitoring wells MW06 and MW12. During additional compliance monitoring events, MFA will continue to collect water level measurements at these monitoring wells to assess the potentiometric surface at the Site.

Since quarterly groundwater monitoring began in September 2020, DRO and ORO concentrations in monitoring wells generally decreased, with only one monitoring well (MW02R) containing a detection of DRO slightly above the MTCA Method A CUL (see Figures 5 and 6). The remedial action conducted in spring of 2020 has significantly reduced the concentrations of heavy oils in groundwater at the Site (see Figure 7). Additionally, free product has not been observed since quarterly compliance groundwater monitoring began in September 2020.

Heavy oil concentrations have significantly reduced in most monitoring wells, and based on trend plots (see Figures 5 through 7), it is anticipated that heavy oil concentrations in groundwater will continue to decrease during future quarterly monitoring events.

In accordance with the groundwater CMP, the next quarterly groundwater monitoring event is scheduled for September 2021.

If you have any questions, please feel free to contact either of us.

Sincerely,

Maul Foster & Alongi, Inc.

Annale Bithy

Carolyn R. Wise, LHG 08.09.2021 Project Hydrogeologist

Amanda Bixby, GIT Staff Geologist

- Attachments: Limitations References Tables Figures A—Water Field Sampling Data Sheets B—Analytical Laboratory Report C—Data Validation Memorandum
- cc: Larry Setchell, Setchell NW Legal Services, P.S. Holly Stafford, Chmelik, Sitkin & Davis, P.S.

Project No. 0747.01.12

The services undertaken in completing this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or implied, is made. These services were performed consistent with our agreement with our client. This report is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, or the use of segregated portions of this report. MFA. 2015. Preliminary remedial investigation and feasibility study, North Cascade Ford property, Sedro-Woolley, Washington. Prepared for VSF Properties, LLC. Maul Foster & Alongi, Inc., Bellingham, Washington. December 9.

MFA. 2017a. Letter (re: 2016 data gap investigation results, North Cascade Ford property, Sedro-Woolley, Washington) to L. Setchell, Helsell Fetterman LLP, from H. Good and J. Clary, Maul Foster & Alongi, Inc., Bellingham, Washington. January 24.

MFA. 2017b. Supplemental data gap investigation report, North Cascade Ford property, Sedro-Woolley, Washington. Prepared for VSF Properties, LLC. Maul Foster & Alongi, Inc., Bellingham, Washington. August 18.

MFA. 2018a. Cleanup action plan, North Cascade Ford property, Sedro-Woolley, Washington. Maul Foster & Alongi, Inc., Bellingham, Washington. March 30.

MFA. 2018b. Feasibility study addendum, North Cascade Ford property, Sedro-Woolley, Washington. Maul Foster & Alongi, Inc., Bellingham, Washington. November 21.

MFA. 2020a. Groundwater compliance monitoring plan, North Cascade Ford property, Sedro-Woolley, Washington. Prepared for VSF Properties, LLC. Maul Foster & Alongi, Inc., Bellingham, Washington. July 8.

MFA. 2020b. Remedial action completion report, North Cascade Ford property, Sedro-Woolley, Washington. Prepared for VSF Properties, LLC. Maul Foster & Alongi, Inc., Bellingham, Washington. July 13.

MFA. 2020c. Memorandum (re: addendum to groundwater compliance monitoring plan, North Cascade Ford property, 116 W. Ferry Street, Sedro-Woolley, Washington, Facility Site ID: 58313566; Cleanup Site ID: 12075) to M. Warfel, Washington State Department of Ecology, from J. Maul, Maul Foster & Alongi, Inc., Bellingham, Washington. August 10.

MFA. 2020d. Letter (re: monitoring well installation and first quarterly compliance groundwater monitoring event, North Cascade Ford property, Sedro-Woolley, Washington, VCP Number: NW3031, CSID: 12075, FSID: 58313566) to M. Warfel, Washington State Department of Ecology, from J. Maul and C. Wise, Maul Foster & Alongi, Inc., Bellingham, Washington. November 24.

MFA. 2021a. Letter (re: second quarterly compliance groundwater monitoring event, North Cascade Ford property, Sedro-Woolley, Washington, VCP Number: NW3031, CSID: 12075, FSID: 58313566) to M. Warfel, Washington State Department of Ecology, from J. Maul and C. Wise, Maul Foster & Alongi, Inc., Bellingham, Washington. January 26.

MFA. 2021b. Letter (re: third quarterly compliance groundwater monitoring event, North Cascade Ford property, Sedro-Woolley, Washington, VCP Number: NW3031, CSID: 12075,

FSID: 58313566) to M. Warfel, Washington State Department of Ecology, from M. Murray and C. Wise, Maul Foster & Alongi, Inc., Bellingham, Washington. April 8.

TABLES





| AOC | Location | Sample Name | Collection Date | Collection Depth (ft bgs) ^(a) | Benzene | Ethylbenzene | Toluene | Xylenes ^(b) | Gasoline- Range Organics | Diesel-Range Organics | Lube-Oil- Range Organics | Total Naphthalenes |
|-----|--------------------|------------------|--------------------|--|---------|--------------|---------|------------------------|--------------------------------|--------------------------|--------------------------------|-----------------------|
| | | | MTCA Meth | od A Cleanup Level: | 5 | 700 | 1,000 | 1,000 | 800 | 500 | 500 | 160 |
| | | MW1-W-8.5 | 05/15/2012 | 5.61-13.44 | 0.3 | 0.2 U | 0.2 U | 0.4 U | 400 | 1,300 | 240 | 10.53 |
| | | FIELD DUPLICATE | 03/13/2012 | 5.01-15.44 | 0.3 | 0.2 U | 0.2 U | 0.4 U | 380 | 1,200 | 220 | 11.36 |
| | | MW01-GW-20121019 | 10/09/2012 | 9.87-13.44 | | | | | | 1,800 | 490 | 11.18 |
| | | MW01 | 04/10/2014 | NM | 0.2 U | 0.2 U | 0.2 U | 0.4 U | 250 U | 1,700 | 870 | |
| | | MWDUP | 04/10/2014 | 19/91 | 0.2 U | 0.2 U | 0.2 U | 0.4 U | 250 U | 1,600 | 930 | |
| | | MW01-GW-140618 | 04/18/2014 | 6.09-13.45 | | | | | | 1,400 | 310 | |
| | | FD-GW-140618 | 06/18/2014 | 0.07-13.43 | | | | | | 1,700 | 350 | |
| | | MW01-GW-091014 | 00/10/0014 | 7.74-13.44 | | | | | | 1,300 | 300 | |
| | MW01 | FD-091014 | 09/10/2014 | /./4-13.44 | | | | | | 1,400 | 390 | |
| | | MW01-GW-121014 | 10/10/0014 | (00 10 // | | | | | | 2,400 | 1,400 | |
| | | FD-121014 | 12/10/2014 | 6.08-13.46 | | | | | | 1,900 | 1,200 | |
| | | MW01-GW-112816 | 11/00/001/ | (10 10 (0 | | | | | | 1,300 | 610 U | |
| | | MWDUP-GW-112816 | 11/28/2016 | 6.12-13.43 | | | | | | 1,300 | 590 U | |
| 1 | | MW01-GW-042617 | 0.1/0//0017 | 5 25 12 40 | | | | | 100 U | 620 | 510 J | |
| | | MWDUP-GW-042617 | 04/26/2017 | 5.35-13.40 | | | | | 100 U | 560 | 410 U | |
| | | MW01-GW-101718 | 10/17/2018 | 9.70-13.40 | | | | | 500 U | 900 | 1,500 | |
| | | MW01-GW-032819 | 03/28/2019 | 6.82-13.41 | | | | | 370 J | 2,400 | 2,200 | |
| | | MW05-GW-042617 | 04/26/2017 | 5.76-10.60 | | | | | 490 | 1,300 | 1,100 | |
| | MW05 | MW05-GW-032819 | 03/28/2019 | 6.93-10.63 | | | | | L 009 | 1,500 | 460 | |
| | | MW07-GW-042617 | 04/26/2017 | 7.85-19.74 | | | | | 100 U | 260 U | 410 U | |
| | MW07 | MW07-GW-101718 | 10/17/2018 | 9.25-19.74 | | | | | 100 U | 250 U | 400 U | |
| | | MW07-GW-032819 | 03/28/2019 | 7.95-19.74 | | | | | 100 U | 250 U | 410 U | |
| | | MW08-GW-042617 | 04/26/2017 | 7.38-15.80 | | | | | 400 U | 1,000 | 690 | |
| | | MW08-GW-101718 | | | | | | | 100 U | 700 | 580 | |
| | MW08 | MWDUP-GW-101718 | 10/17/2018 | 10.05-15.80 | | | | | 500 U | 780 | 970 | |
| | | MW08-GW-032819 | | | | | | | 100 U | 950 | 460 | |
| | | MWDUP-GW-032819 | 03/28/2019 | 6.85-15.82 | | | | | 100 U | 1,000 | 510 | |
| | | MW2-W-9 | 05/16/2012 | 6.65-13.85 | 0.2 U | 0.2 U | 0.2 U | 0.4 U | 250 U | 1,900 | 240 | ND |
| | | MW02-GW-20121019 | 10/09/2012 | 9.29-13.84 | | | | | | 690 | 200 U | |
| | MW02 | MW02 | 04/10/2014 | 6.12-13.81 | | | | | | 11,000 | 1,300 | |
| | (decommissioned in | MW02-GW-140618 | 06/18/2014 | 6.98-13.80 | | | | | | 3,800 | 410 | |
| 2 | September 2016) | MW02-GW-091014 | 09/10/2014 | 8.37-13.84 | | | | | | 770 | 200 U | |
| _ | | MW02-GW-121014 | 12/10/2014 | 7.11-13.85 | | | | | | 1,300 | 410 | |
| | MW02R | MW02R-GW-042617 | 04/26/2017 | 6.60-14.80 | | | | | | 750 | 410 U | |
| | (replacement well | MW02R-GW-101718 | 10/17/2018 | 9.90-14.80 | | | | | | 480 | 450 | |
| | for MW02) | MW02R-GW-032819 | 03/28/2019 | 7.60-14.79 | | | | | | 680 | 430 | |
| | | 10100211-0000017 | 00/20/2017 | /.00-14./7 | | | | | | 000 | 4/0 | |

Table 1

Historical Groundwater Analytical Results VSF Properties, LLC, North Cascade Ford Property Sedro-Woolley, Washington



| AOC | Location | Sample Name | Collection Date | Collection Depth (ft bgs) ^(a) | Benzene | Ethylbenzene | Toluene | Xylenes ^(b) | Gasoline- Range Organics | Diesel-Range Organics | Lube-Oil- Range Organics | Total Naphthalenes |
|------------------------------|----------|----------------|--------------------|--|---------|--------------|---------|------------------------|--------------------------------|--------------------------|--------------------------------|-----------------------|
| MTCA Method A Cleanup Level: | | | | | 5 | 700 | 1,000 | 1,000 | 800 | 500 | 500 | 160 |
| | | MW04-GW-042617 | 04/26/2017 | 6.39-13.60 | | | | | | 260 | 450 | |
| | MW04 | MW04-GW-101718 | 10/17/2018 | 10.23-13.60 | | | | | | 250 U | 420 U | |
| 2 | | MW04-GW-032819 | 03/28/2019 | 7.40-13.58 | | | | | | 260 U | 410 U | |
| 2 | | MW06-GW-042617 | 04/26/2017 | 7.66-19.74 | | | | | | 260 U | 410 U | |
| | MW06 | MW06-GW-101718 | 10/17/2018 | 10.6-19.74 | | | | | 100 U | 250 U | 400 U | |
| | | MW06-GW-032819 | 03/28/2019 | 5.73-13.88 | | | | | 100 U | 260 U | 410 U | |
| 2 | GP51 | GP51-W-11.0 | 11/16/2016 | 8.85-12.0 | 15 J | 480 J | 6.1 J | 1000 J | 7,400 J | | | |
| 3 | GP76 | GP76-W-10.0 | 04/25/2017 | 6.0-15.0 | 5.8 | 230 | 10 U | 8.4 | 6,900 | 2,800 J | 420 U | 428 |

NOTES:

Analytical results are shown in micrograms per liter (parts per billion).

Bolding indicates a detection.

Shading indicates a MTCA Method A CUL exceedance; non-detect results ("U") were not compared with screening criteria.

-- = not analyzed.

AOC = area of concern.

CUL = cleanup level.

ft bgs = feet below ground surface.

J = result is an estimated value.

MTCA = Model Toxics Control Act.

MW = monitoring well.

ND = not detected.

NM = water level not measured because of unanticipated presence of free product.

U = analyte not detected at or above method reporting limit.

^(a)Sample collection depths are from top of water table or top of screened interval, whichever is deeper, to bottom of screened interval.

^(b)Total xylenes are sum of m,p-xylene and o-xylene. When both results are non-detect, the higher reporting limit is used.

Table 1 Historical Groundwater Analytical Results VSF Properties, LLC, North Cascade Ford Property Sedro-Woolley, Washington



Table 2Groundwater Sampling and Analysis SummaryVSF Properties, LLC, North Cascade Ford Property
Sedro-Woolley, Washington

| AOC | Well ID | Screened Interval | Sample Date | | | Analyticc | al Schedule | | |
|------|----------|-------------------|---------------------------|-----|-----|-----------|-------------|------|---------|
| //00 | | (feet bgs) | | DRO | ORO | GRO | EPH/VPH | BTEX | Naphth. |
| | | | 09/22/2020 | Х | Х | Х | | Х | |
| | | | 10/14/2020 ^(a) | Х | | Х | Х | | Х |
| | MW01R | 5 - 15 | 12/16/2020 | Х | Х | Х | | Х | |
| | | | 03/17/2021 | Х | Х | Х | | Х | |
| | | | 06/22/2021 | Х | Х | Х | | Х | |
| | | | 09/22/2020 | Х | Х | Х | | Х | |
| 1 | MW07 | 5 - 20 | 12/16/2020 | Х | Х | Х | | Х | |
| | 1/1/1/07 | 5 - 20 | 03/17/2021 | Х | Х | Х | | Х | |
| | | | 06/22/2021 | Х | Х | Х | | Х | |
| | | | 09/22/2020 | Х | Х | Х | | Х | |
| | MW09 | 5 - 20 | 12/16/2020 | Х | Х | Х | | Х | |
| | 101000 | | 03/17/2021 | Х | Х | Х | | Х | |
| | | | 06/22/2021 | Х | Х | Х | | Х | |
| | | | 09/22/2020 | Х | Х | Х | | Х | |
| | MW02R | 5 - 15 | 12/16/2020 | Х | Х | Х | | Х | |
| | MWWOZK | 0 - 10 | 03/17/2021 | Х | Х | Х | | Х | |
| | | | 06/22/2021 | Х | Х | Х | | Х | |
| | | | 09/22/2020 | Х | Х | Х | | Х | |
| 2 | MW04 | 4 - 14 | 12/16/2020 | Х | Х | Х | | Х | |
| 2 | 11110- | | 03/17/2021 | Х | Х | Х | | Х | |
| | | | 06/22/2021 | Х | Х | Х | | Х | |
| | | | 09/22/2020 | Х | Х | Х | | Х | |
| | MW06 | 5 - 20 | 12/16/2020 | Х | Х | Х | | Х | |
| | 10000 | 0 20 | 03/17/2021 | Х | Х | Х | | Х | |
| | | | 06/22/2021 | Х | Х | Х | | Х | |



Table 2Groundwater Sampling and Analysis SummaryVSF Properties, LLC, North Cascade Ford PropertySedro-Woolley, Washington

| Well ID | (feet bgs) | Sample Date | DRO | | | 1 | | |
|----------|--------------|---------------------------|--|--|---|---|--|---|
| | | | | ORO | GRO | EPH/VPH | BTEX | Naphth. |
| | | 09/22/2020 | Х | Х | Х | | Х | |
| | | 10/14/2020 ^(a) | Х | | Х | Х | | Х |
| MW10 | 5 - 20 | 12/16/2020 | Х | Х | Х | | Х | |
| | | 03/17/2021 | Х | Х | Х | | Х | |
| | | 06/22/2021 | Х | Х | Х | | Х | |
| NAVA(1-2 | 5 - 15 | 09/22/2020 | Х | Х | Х | | Х | |
| | | 12/16/2020 | Х | Х | Х | | Х | |
| 1010012 | | 03/17/2021 | Х | Х | Х | | Х | |
| | | 06/22/2021 | Х | Х | Х | | Х | |
| | | 09/22/2020 | Х | Х | Х | | Х | Х |
| N 410/11 | 5 00 | 12/16/2020 | Х | Х | Х | | Х | Х |
| /////// | 5 - 20 | 03/17/2021 | Х | Х | Х | | Х | Х |
| | | 06/22/2021 | Х | Х | Х | | Х | Х |
| | MW12 MW11 | MW11 5-20 | 06/22/2021 MW12 09/22/2020 12/16/2020 12/16/2020 03/17/2021 06/22/2021 09/22/2020 12/16/2020 12/16/2020 09/22/2020 12/16/2020 09/22/2020 12/16/2020 03/17/2021 | MW12 06/22/2021 X 5-15 09/22/2020 X 12/16/2020 X 03/17/2021 X 06/22/2021 X 06/22/2021 X 06/22/2021 X 06/22/2021 X 06/22/2021 X 09/22/2020 X 09/22/2020 X 09/22/2020 X 03/17/2021 X | MW12 5 - 15 06/22/2021 X X MW12 5 - 15 09/22/2020 X X 12/16/2020 X X X 03/17/2021 X X X 06/22/2021 X X X 06/22/2021 X X X 06/22/2021 X X X 09/22/2020 X X X 09/22/2020 X X X 09/22/2020 X X X 03/17/2021 X X X 03/17/2021 X X X | MW12 06/22/2021 X X X 5-15 09/22/2020 X X X 12/16/2020 X X X 03/17/2021 X X X 06/22/2021 X X X 06/22/2021 X X X 06/22/2021 X X X 06/22/2021 X X X 09/22/2020 X X X 09/22/2020 X X X 12/16/2020 X X X 03/17/2021 X X X | MW12 06/22/2021 X X X X I MW12 5-15 09/22/2020 X X X X I MW12 5-15 12/16/2020 X X X I MW12 5-15 03/17/2021 X X X I MW11 5-20 09/22/2020 X X X I | MW12 06/22/2021 X X X X X X MW12 5-15 09/22/2020 X X X X X MW12 5-15 12/16/2020 X X X X 03/17/2021 X X X X 06/22/2021 X X X X 06/22/2021 X X X X 06/22/2021 X X X X 09/22/2020 X X X X 09/22/2020 X X X X MW11 5-20 03/17/2021 X X X X |

AOC = area of concern.

bgs = below ground surface.

BTEX = benzene, toluene, ethylbenzene, and total xylenes; analysis by EPA Method 8021.

DRO = diesel-range organics; analysis by NWTPH-Dx method.

EPA = U.S. Environmental Protection Agency.

EPH/VPH = extractable petroleum hydrocarbons/volatile petroleum hydrocarbons; analysis by NWTPH-EPH/VPH.

GRO = gasoline-range organics; analysis by NWTPH-Gx method.

ID = identification.

Naphth. = naphthalenes; analysis by EPA Method 8270 SIM.

NWTPH = Northwest Total Petroleum Hydrocarbons.

ORO = oil-range organics; analysis by NWTPH-Dx method.

SIM = selected ion monitoring.

X= yes.

^(a)Non-quarterly groundwater event that was conducted to evaluate EPH/VPH concentrations in two wells for potential cleanup level development.



| Location | MP Elevation (feet, NAVD 88) | Measurement Date | NAPL Thickness (feet) | Depth to Water (feet bgs) | NAPL-Corrected Depth to Water (feet bgs) ^(a) | Groundwater Elevation (feet, NAVD 88) |
|----------------------------|---------------------------------|---------------------|-----------------------------|------------------------------|---|---|
| | | 05/15/2012 | | 5.61 | NA | 50.48 |
| | | 10/09/2012 | | 9.87 | NA | 46.22 |
| | | 12/03/2012 | | 6.96 | NA | 49.13 |
| | | 04/10/2014 | NM ^(b) | NM ^(b) | NA | NM ^(b) |
| | | 06/17/2014 | NM ^(c) | 6.01 | NA | 50.16 |
| MW01 | | 06/18/2014 | | 6.09 | NA | 50.00 |
| (decommissioned in | 56.09 | 09/10/2014 | NM ^(c) | 7.74 | NA | 48.43 |
| February 2020) | | 12/10/2014 | 0.01 ^(d) | 6.09 | 6.08 | 50.09 |
| | | 04/26/2017 | | 5.35 | NA | 50.74 |
| | | 05/31/2017 | | 5.96 | NA | 50.13 |
| | | 10/17/2018 | 0.02 | 9.70 | 9.69 | 46.40 |
| | | 12/06/2018 | NM ^(e) | NA ^(e) | NA ^(e) | NA ^(e) |
| | | 03/28/2019 | NM ^(e) | NA ^(e) | NA ^(e) | NA ^(e) |
| | | 09/22/2020 | | 9.94 | NA | 46.38 |
| | | 10/14/2020 | | 7.82 | NA | 48.50 |
| MW01R | 56.32 | 12/16/2020 | | 5.84 | NA | 50.48 |
| | | 03/17/2021 | | 5.39 | NA | 50.93 |
| | | 06/22/2021 | | 7.27 | NA | 49.05 |
| | | 05/15/2012 | | 6.65 | NA | 50.08 |
| | | 10/09/2012 | | 9.29 | NA | 47.44 |
| | | 12/03/2012 | | 8.45 | NA | 48.28 |
| MW02 (decommissioned in | 56.73 | 04/10/2014 | | 6.12 | NA | 50.61 |
| September 2016) | 30./3 | 06/17/2014 | | 6.96 | NA | 49.77 |
| | | 06/18/2014 | | 6.98 | NA | 49.75 |
| | | 09/10/2014 | | 8.37 | NA | 48.36 |
| | | 12/10/2014 | | 7.11 | NA | 49.62 |



| Location | MP Elevation (feet, NAVD 88) | Measurement Date | NAPL Thickness (feet) | Depth to Water (feet bgs) | NAPL-Corrected Depth to Water (feet bgs) ^(a) | Groundwater Elevation (feet, NAVD 88) |
|----------|---------------------------------|---------------------|-----------------------------|------------------------------|---|---|
| | | 04/26/2017 | | 6.60 | NA | 49.99 |
| | | 05/31/2017 | | 7.07 | NA | 49.52 |
| | | 10/17/2018 | | 9.90 | NA | 46.69 |
| | | 12/06/2018 | | 8.80 | NA | 47.79 |
| MW02R | 56.59 | 03/28/2019 | | 7.60 | NA | 48.99 |
| ΙνιννοΖΚ | 50.57 | 09/22/2020 | | 9.28 | NA | 47.31 |
| | | 10/14/2020 | | 9.41 | NA | 47.18 |
| | | 12/16/2020 | | 7.79 | NA | 48.80 |
| | | 03/17/2021 | | 6.23 | NA | 50.36 |
| | | 06/22/2021 | | 8.12 | NA | 48.47 |
| | | 05/15/2012 | | 5.40 | NA | 49.68 |
| | | 10/09/2012 | | 8.11 | NA | 46.97 |
| | | 12/03/2012 | | 5.28 | NA | 49.80 |
| | | 04/10/2014 | | 5.00 | NA | 50.08 |
| | | 06/17/2014 | | 5.66 | NA | 49.42 |
| MW03 | 55.08 | 06/18/2014 | | 5.87 | NA | 49.21 |
| 1010000 | 55.06 | 09/10/2014 | | 6.94 | NA | 48.14 |
| | | 12/10/2014 | | 5.10 | NA | 49.98 |
| | | 05/31/2017 | | 5.75 | NA | 49.33 |
| | | 10/17/2018 | | 7.72 | NA | 47.36 |
| | | 12/06/2018 | | 5.92 | NA | 49.16 |
| | | 03/28/2019 | | 5.73 | NA | 49.35 |



| Location | MP Elevation (feet, NAVD 88) | Measurement Date | NAPL Thickness (feet) | Depth to Water (feet bgs) | NAPL-Corrected Depth to Water (feet bgs) ^(a) | Groundwater Elevation (feet, NAVD 88) |
|--------------------|---------------------------------|---------------------|-----------------------------|------------------------------|---|---|
| | | 04/26/2017 | | 6.39 | NA | 49.93 |
| | | 05/31/2017 | | 6.88 | NA | 49.44 |
| | | 10/17/2018 | | 10.23 | NA | 46.09 |
| | | 12/06/2018 | | 8.62 | NA | 47.70 |
| MW04 | 56.32 | 03/28/2019 | | 7.40 | NA | 48.92 |
| | | 09/22/2020 | | 9.06 | NA | 47.26 |
| | | 12/16/2020 | | 7.71 | NA | 48.61 |
| | | 03/17/2021 | | 6.04 | NA | 50.28 |
| | | 06/22/2021 | | 7.96 | NA | 48.36 |
| | | 04/26/2017 | | 5.76 | NA | 50.49 |
| MW05 | 56.25 | 05/31/2017 | | 6.35 | NA | 49.90 |
| (decommissioned in | | 10/17/2018 | | NA ^(f) | NA ^(f) | NA ^(f) |
| February 2020) | | 12/06/2018 | | 8.05 | NA | 48.20 |
| | | 03/28/2019 | | 6.93 | NA | 49.32 |
| | | 04/26/2017 | | 7.66 | NA | 48.92 |
| | | 05/31/2017 | | 8.06 | NA | 48.52 |
| | | 10/17/2018 | | 10.60 | NA | 45.98 |
| | | 12/06/2018 | | 9.10 | NA | 47.48 |
| MW06 | 56.58 | 03/28/2019 | | 5.73 | NA | 50.85 |
| | | 09/22/2020 | | 10.84 | NA | 45.74 |
| | | 12/16/2020 | | 8.25 | NA | 48.33 |
| | | 03/17/2021 | | 7.11 | NA | 49.47 |
| | | 06/22/2021 | | 8.72 | NA | 47.86 |



| Location | MP Elevation (feet, NAVD 88) | Measurement Date | NAPL Thickness (feet) | Depth to Water (feet bgs) | NAPL-Corrected Depth to Water (feet bgs) ^(a) | Groundwater Elevation (feet, NAVD 88) |
|--------------------|---------------------------------|---------------------|-----------------------------|------------------------------|---|---|
| | | 04/26/2017 | | 7.85 | NA | 48.61 |
| | | 05/31/2017 | | 8.02 | NA | 48.44 |
| | 56.46 | 10/17/2018 | | 9.25 | NA | 47.21 |
| | | 12/06/2018 | | 9.15 | NA | 47.31 |
| MW07 | | 03/28/2019 | | 7.95 | NA | 48.51 |
| | NA ^(g) | 09/22/2020 | | 10.42 ^(g) | NA ^(g) | NA ^(g) |
| | | 12/16/2020 | | 8.24 | NA | 48.06 |
| | 56.30 | 03/17/2021 | | 6.92 | NA | 49.38 |
| | | 06/22/2021 | | 8.80 | NA | 47.50 |
| | 56.48 | 04/26/2017 | | 7.38 | NA | 49.10 |
| MW08 | | 05/31/2017 | | 8.01 | NA | 48.47 |
| (decommissioned in | | 10/17/2018 | | 10.05 | NA | 46.43 |
| February 2020) | | 12/06/2018 | | 9.02 | NA | 47.46 |
| | | 03/28/2019 | | 6.85 | NA | 49.63 |
| | | 09/22/2020 | | 9.26 | NA | 47.40 |
| | | 10/14/2020 | | 8.46 | NA | 48.20 |
| MW09 | 56.66 | 12/16/2020 | | 6.17 | NA | 50.49 |
| | | 03/17/2021 | | 5.70 | NA | 50.96 |
| | | 06/22/2021 | | 7.57 | NA | 49.09 |
| | | 09/22/2020 | | 9.71 | NA | 46.55 |
| | | 10/14/2020 | | 9.21 | NA | 47.05 |
| MW10 | 56.26 | 12/16/2020 | | 7.13 | NA | 49.13 |
| | | 03/17/2021 | | 5.80 | NA | 50.46 |
| | | 06/22/2021 | | 7.62 | NA | 48.64 |



| Location | MP Elevation (feet, NAVD 88) | Measurement Date | NAPL Thickness (feet) | Depth to Water (feet bgs) | NAPL-Corrected Depth to Water (feet bgs) ^(a) | Groundwater Elevation (feet, NAVD 88) |
|----------|---------------------------------|---------------------|-----------------------------|------------------------------|---|---|
| | | 09/22/2020 | | 10.48 | NA | 45.72 |
| MW11 | 56.2 | 12/16/2020 | | 6.51 | NA | 49.69 |
| 1010011 | 30.2 | 03/17/2021 | | 5.46 | NA | 50.74 |
| | | 06/22/2021 | | 7.72 | NA | 48.48 |
| | | 09/22/2020 | | 10.24 | NA | 46.15 |
| MW12 | 56.39 | 12/16/2020 | | 7.85 | NA | 48.54 |
| 1414412 | 50.37 | 03/17/2021 | | 6.67 | NA | 49.72 |
| | | 06/22/2021 | | 8.69 | NA | 47.70 |

NOTES:

-- = NAPL not observed.

bgs = below ground surface.

MP = measuring point.

MW = monitoring well.

NA = not applicable.

NAPL = nonaqueous-phase liquid.

NAVD 88 = North American Vertical Datum of 1988.

NM = not measured.

^(a)Water level corrected for presence of NAPL, using assumed product density of 0.8 grams per cubic centimeter.

^(b)NAPL was observed, but interface probe was not available to measure NAPL thickness and water level.

^(c)NAPL was observed on probe and tubing, but measurable and extractable quantity was not present.

^(d)NAPL thickness was measured, but extractable quantity was not present.

^(e)NAPL was present, coating entire probe tip and tubing; coated probe tip prevented measurement of thickness or water level.

⁽¹⁾Water level may not be representative of groundwater elevation because screened interval was above low water table.

^(g)The well monument was compressed during implementation of the remedial action, and the casing had to be cut down to properly secure the monument. A water level measurement was not collected at this time. A new well monument was installed on 10/01/2020.



Table 4Groundwater Analytical Results—Compliance MonitoringVSF Properties, LLC, North Cascade Ford PropertySedro-Woolley, Washington

| AOC | Location | Collection Date | Benzene | Ethylbenzene | Toluene | Xylenes (total) | GRO | DRO | ORO | Heavy Oils ^(c) | Total Naphth. ^(a) |
|-----|----------|----------------------------|---------|--------------|---------|--------------------|----------------------|-------|-------|---------------------------|---------------------------------|
| | | Units: | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L |
| | MTCA Me | thod A CUL: ⁽¹⁾ | 5 | 700 | 1,000 | 1,000 | 1,000 ^(b) | 500 | 500 | 500 | 160 |
| | | 09/22/20 | 1 U | 1 U | 1 U | 3.7 | 160 | 1,900 | 610 | 2,510 | |
| | | 10/14/20 | 20 U | 20 U | 20 U | 60 U | 100 U | 200 | 260 U | 330 | 20 U |
| | MW01R | 12/16/20 | 1 U | 1 U | 1 U | 3 U | 100 U | 250 | 250 U | 375 | |
| | | 03/17/21 | 1 U | 1 U | 1 U | 3 U | 100 U | 120 | 250 U | 245 | |
| | | 06/22/21 | 1 U | 1 U | 1 U | 3 U | 100 U | 370 | 250 U | 495 | |
| | | 09/22/20 | 1 U | 1 U | 1 U | 3 U | 100 U | 130 | 250 U | 255 | |
| 1 | MW07 | 12/16/20 | 1 U | 1 U | 1 U | 3 U | 100 U | 89 | 250 U | 214 | |
| I | 101007 | 03/17/21 | 1 U | 1 U | 1 U | 3 U | 100 U | 96 | 250 U | 221 | |
| | | 06/22/21 | 1 U | 1 U | 1 U | 3 U | 100 U | 360 | 290 | 650 | |
| | | 09/22/20 | 1 U | 1 U | 1 U | 3 U | 100 U | 640 | 620 | 1,260 | |
| | | 12/16/20 | 1 U | 1 U | 1 U | 3 U | 100 U | 230 | 300 | 530 | |
| | MW09 | 12/16/20 | 1 U | 1 U | 1 U | 3 U | 100 U | 210 | 390 | 600 | |
| | | 03/17/21 | 1 U | 1 U | 1 U | 3 U | 100 U | 120 | 250 U | 245 | |
| | | 06/22/21 | 1 U | 1 U | 1 U | 3 U | 100 U | 150 | 250 U | 275 | |
| | | 09/22/20 | 1 U | 1 U | 1 U | 3 U | 100 U | 780 | 450 | 1,230 | |
| | | 12/16/20 | 1 U | 1 U | 1 U | 3 U | 100 U | 600 | 390 | 990 | |
| | MW02R | 03/17/21 | 1 U | 1 U | 1 U | 3 U | 100 U | 680 | 310 | 990 | |
| | MWWOZK | 03/17/21 | 1 U | 1 U | 1 U | 3 U | 100 U | 580 | 270 | 850 | |
| | | 06/22/21 | 1 U | 1 U | 1 U | 3 U | 100 U | 560 | 250 U | 685 | |
| | | 06/22/21 | 1 U | 1 U | 1 U | 3 U | 100 U | 530 | 250 U | 655 | |
| 2 | | 09/22/20 | 1 U | 1 U | 1 U | 3 U | 100 U | 260 | 250 U | 385 | |
| 2 | MW04 | 12/16/20 | 1 U | 1 U | 1 U | 3 U | 100 U | 220 | 280 | 500 | |
| | 10100- | 03/17/21 | 1 U | 1 U | 1 U | 3 U | 100 U | 220 | 250 U | 345 | |
| | | 06/22/21 | 1 U | 1 U | 1 U | 3 U | 100 U | 300 | 250 U | 425 | |
| | | 09/22/20 | 1 U | 1 U | 1 U | 3 U | 100 U | 50 U | 250 U | 250 U | |
| | MW06 | 12/16/20 | 1 U | 1 U | 1 U | 3 U | 100 U | 50 U | 250 U | 250 U | |
| | 10100 | 03/17/21 | 1 U | 1 U | 1 U | 3 U | 100 U | 50 U | 250 U | 250 U | |
| | | 06/22/21 | 1 U | 1 U | 1 U | 3 U | 100 U | 50 U | 250 U | 250 U | |



Table 4 Groundwater Analytical Results—Compliance Monitoring VSF Properties, LLC, North Cascade Ford Property Sedro-Woolley, Washington

| AOC | Location | Collection Date | Benzene | Ethylbenzene | Toluene | Xylenes (total) | GRO | DRO | ORO | Heavy Oils ^(c) | Total Naphth. ^(a) |
|---------|----------|----------------------------|---------|--------------|---------|--------------------|----------------------|-------|-------|---------------------------|---------------------------------|
| | | Units: | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L |
| | MTCA Me | thod A CUL: ⁽¹⁾ | 5 | 700 | 1,000 | 1,000 | 1,000 ^(b) | 500 | 500 | 500 | 160 |
| | | 09/22/20 | 1 U | 1 U | 1 U | 3 U | 370 | 1,900 | 250 U | 2,025 | |
| | | 10/14/20 | 20 U | 20 U | 20 U | 60 U | 550 | 2,000 | 400 | 2,400 | |
| | MW10 | 12/16/20 | 1 U | 1 U | 1 U | 3 U | 100 U | 160 | 250 U | 285 | |
| 2 | | 03/17/21 | 1 U | 1 U | 1 U | 3 U | 100 U | 140 | 250 U | 265 | |
| (cont.) | | 06/22/21 | 1 U | 1 U | 1 U | 3 U | 100 U | 100 | 250 U | 225 | |
| | | 09/22/20 | 1 U | 1 U | 1 U | 3 U | 100 U | 50 U | 250 U | 250 U | |
| | MW12 | 12/16/20 | 1 U | 1 U | 1 U | 3 U | 100 U | 50 U | 250 U | 250 U | |
| | 1010012 | 03/17/21 | 1 U | 1 U | 1 U | 3 U | 100 U | 50 U | 250 U | 250 U | |
| | | 06/22/21 | 1 U | 1 U | 1 U | 3 U | 100 U | 50 U | 250 U | 250 U | |
| | | 09/22/20 | 1 U | 30 | 1 U | 16 | 390 | 350 | 300 U | 500 | 18.8 |
| | | 09/22/20 | 1 U | 30 | 1 U | 17 | 380 | 200 | 250 U | 325 | 21.7 |
| 3 | MW11 | 12/16/20 | 1 U | 1 U | 1 U | 3 U | 100 U | 50 U | 250 U | 250 U | 0.4 U |
| | | 03/17/21 | 1 U | 1 U | 1 U | 3 U | 100 U | 50 U | 250 U | 250 U | 0.4 U |
| | | 06/22/21 | 1 U | 1 U | 1 U | 3 U | 100 U | 50 U | 250 U | 250 U | 0.4 U |

Bolding indicates a detection.

Shading indicates a MTCA Method A CUL exceedance; non-detect results ("U") were not compared with screening criteria.

-- = not analyzed.

AOC = area of concern.

cont. = continued.

CUL = cleanup level.

DRO = diesel-range organics.

GRO = gasoline-range organics.

MTCA = Model Toxics Control Act.

naphth. = naphthalenes.

NV = no value.

ORO = lube-oil-range organics.

U = analyte not detected at or above method reporting limit.

ug/L = micrograms per liter (parts per billion).

^(a)Total naphthalenes are the sum of 1-methylnaphthalene, 2-methylnaphthalene, and naphthalene. When all results are non-detect, the highest reporting limit is shown.

^(b)MTCA Method A CUL with no detectable benzene.

^(c)Heavy oils are the sum of DRO and ORO. When results are non-detect, half the reporting limit is used. When all results are non-detect, the highest reporting limit is shown. REFERENCES:

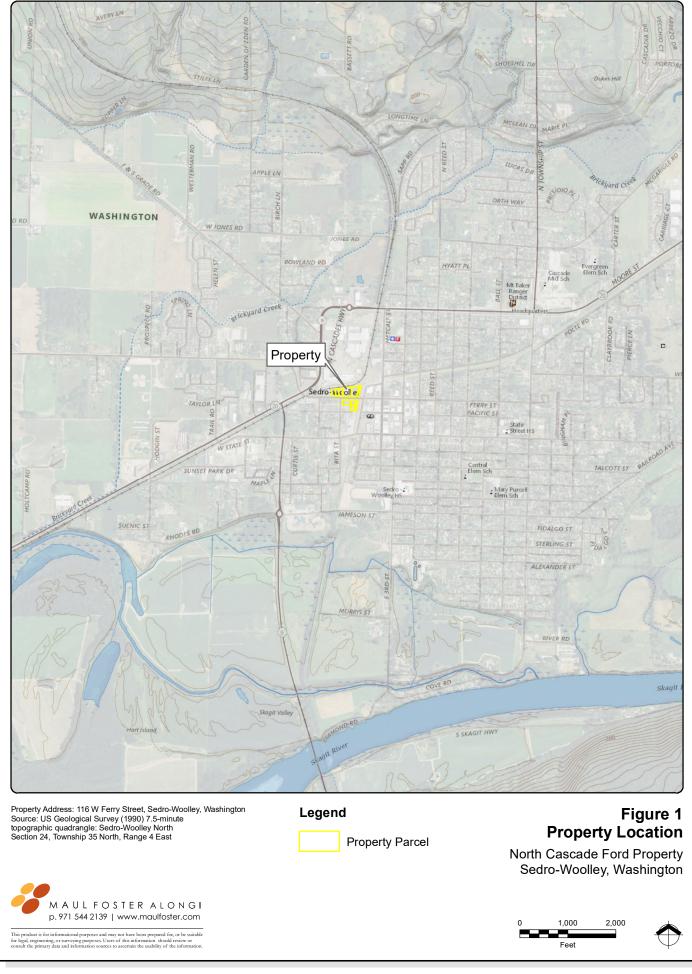
⁽¹⁾Washington State Department of Ecology. Cleanup Levels, and Risk Calculation table. February 2021.

FIGURES









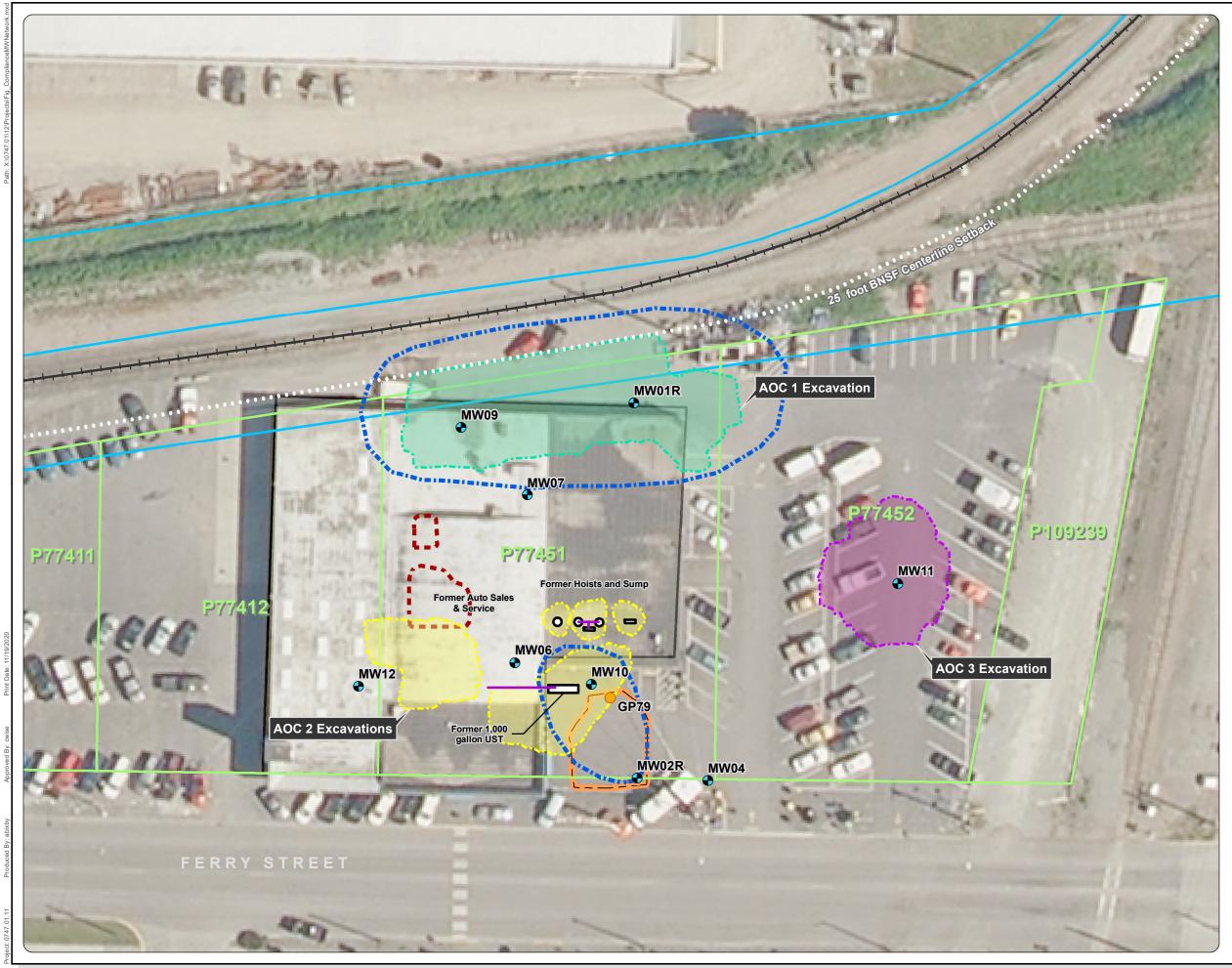


Figure 2 **Compliance Monitoring** Well Network

North Cascade Ford Property Sedro-Woolley, Washington

Legend

| Compliance M | Ionitoring Well |
|--------------|-----------------|
|--------------|-----------------|

Boring

- Product Line

- AOC 1 Excavation (MFA, 2020)
- AOC 2 Excavation (MFA, 2020)
- AOC 3 Excavation (MFA, 2020)
- Estimated Extent of Petroleum Impacts in Groundwater
- UST Interim Action (MFA, 2016) 67

Hoist Removal Excavation (ZGA, 2017)

| Γ | | |
|---|---|---|
| Г | | ٦ |
| Ŀ | _ | |

Former Building Footprint

- Property Parcel
- BNSF-Owned Parcel

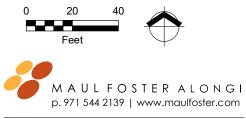
Notes:

All features are approximate.

- All structures on the property were removed prior to remedial action.
- The excavations areas are set back from the BNSF railroad centerline by 25 feet.
- The surveyed Property parcel boundaries do not coincide with the adjacent parcel boundaries obtained from Skagit County; therefore, there is an overlap between the Property and BNSF parcels.
- AOC = area of concern.
- BNSF = Burlington Northern Santa Fe.
- Property = North Cascade Ford Property.
- UST = underground storage tank.
- ZGA = Zipper Geo Associates.

Sources: Aerial photograph obtained from ArcGIS Online. Excavation extents surveyed by Pacific Geomatic Services, Inc. in March 2020.

- Property parcel boundaries surveyed by Wilson Engineering, LLC.
- Adjacent parcel boundaries obtained from Skagit County.



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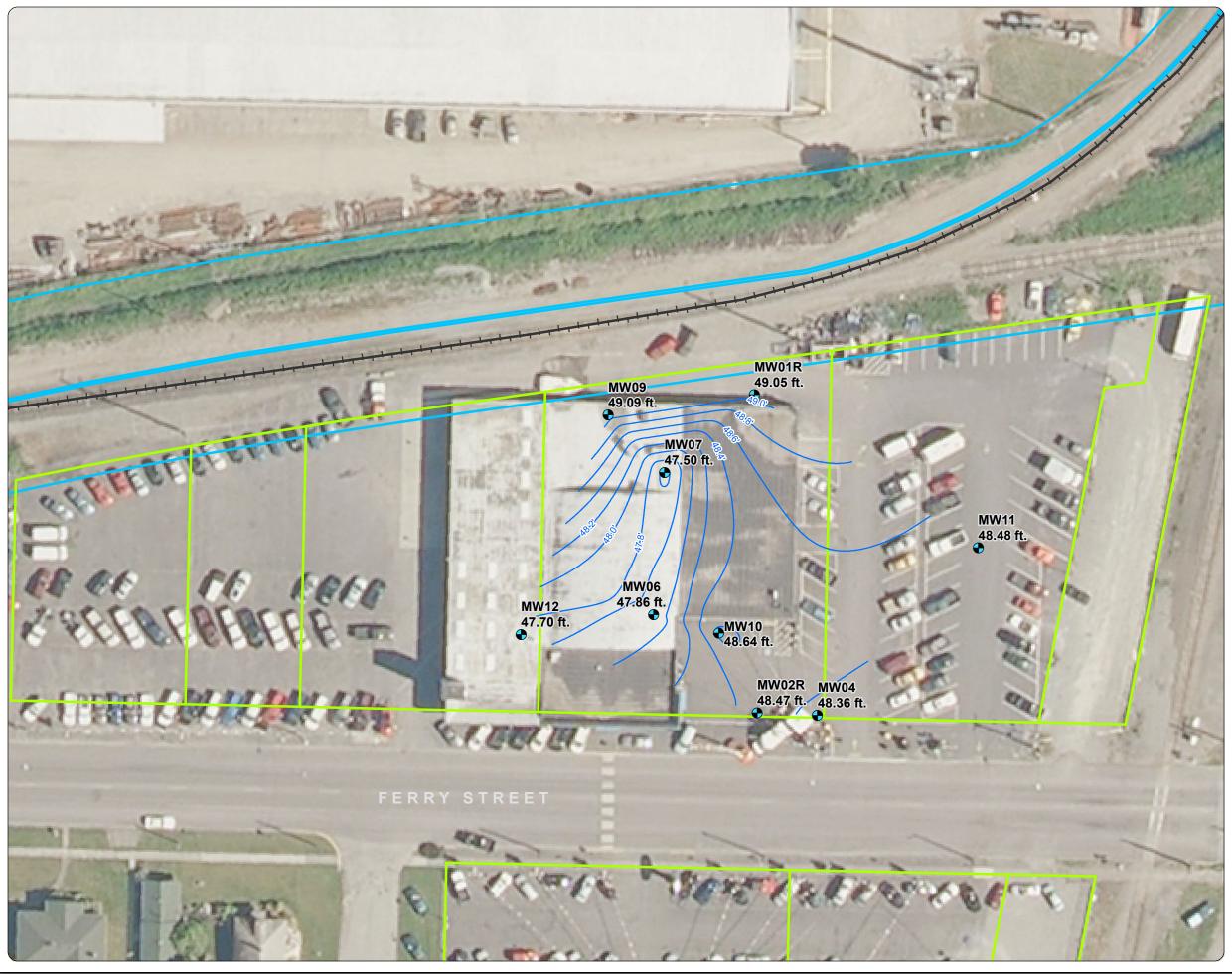


Figure 3 **Groundwater Elevation** Contours - June 2021

North Cascade Ford Property Sedro-Woolley, Washington

Legend

Compliance Monitoring Well

Groundwater Elevation Contour (feet NAVD 88; 0.2-ft. interval)

Property Parcel

BNSF-Owned Parcel

Notes:

Notes: The surveyed Property parcel boundaries do not coincide with the adjacent parcel boundaries obtained from Skagit County; therefore, there is an overlap between the Property and BNSF parcels. Water levels measured on June 22, 2021. BNSF = Burlington Northern Santa Fe Railway. # = feat ft. = feet.

NAVD 88 = North American Vertical Datum of 1988.



Sources:

Adjacent parcel boundaries obtained from Skagit County. Aerial photograph obtained from Mapbox. Property parcel boundaries surveyed by Wilson Engineering, LLC.



This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or es to ascertain the usability of the i

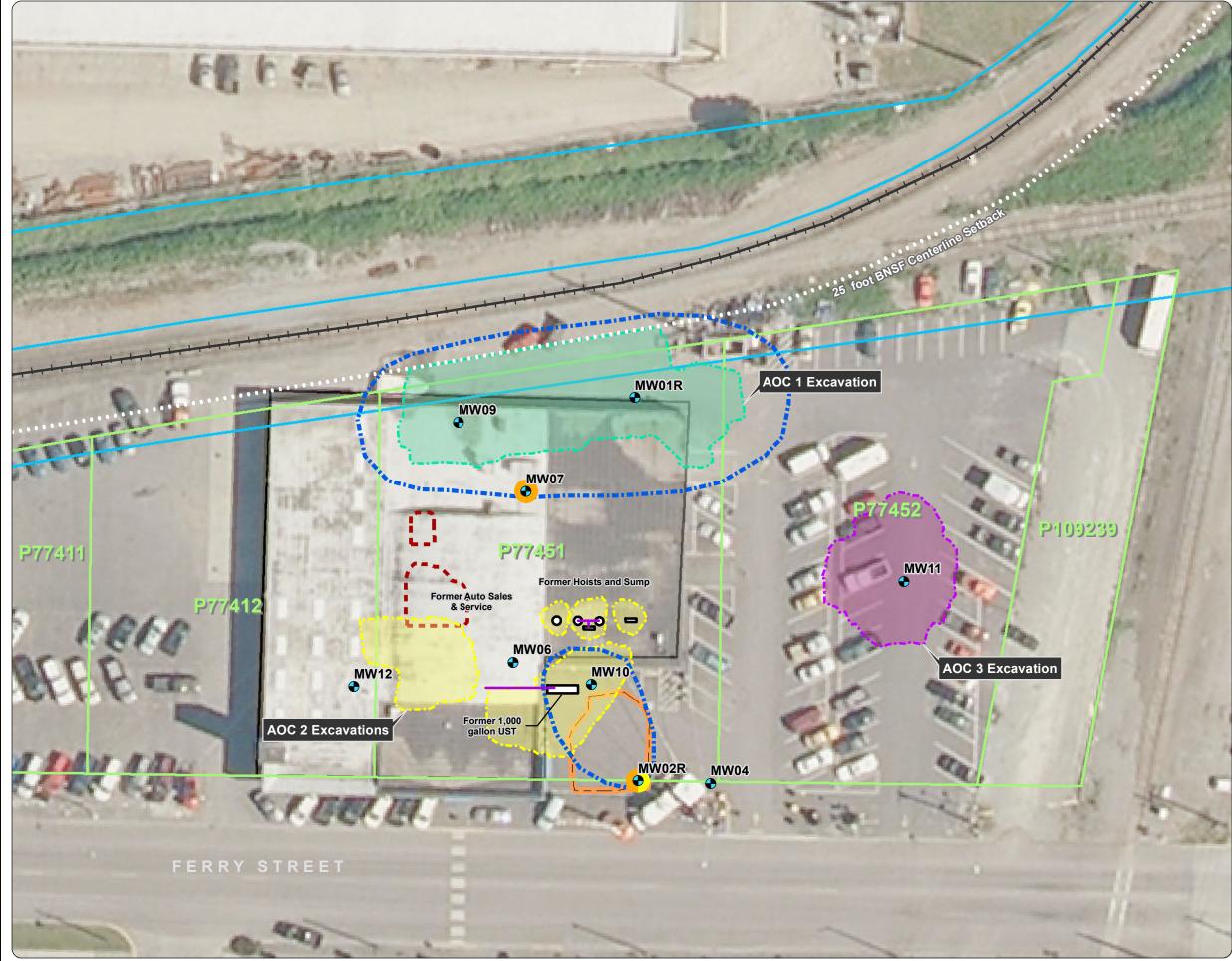


Figure 4 Groundwater Exceedances -June 2021

North Cascade Ford Property Sedro-Woolley, Washington

Legend

- Compliance Monitoring Well
- DRO Exceedance
- Heavy Oil Exceedance
- Product Line
- AOC 1 Excavation (MFA, 2020)
- AOC 2 Excavation (MFA, 2020)
- AOC 3 Excavation (MFA, 2020)

Estimated Extent of Petroleum Impacts in Groundwater

- UST Interim Action (MFA,
- Hoist Removal Excavation (ZGA, 2017)
- Former Building Footprint
- **Property Parcel**
- **BNSF-Owned Parcel**

Notes:

All features are approximate.

All structures on the property were removed prior to remedial action.

The excavations areas are set back from the BNSF railroad centerline by 25 feet.

Heavy oils were compared to the DRO cleanup level.

- The surveyed Property parcel boundaries do not coincide with the adjacent parcel boundaries obtained from Skagit County; therefore, there is an overlap between the Property and BNSF parcels. AOC = area of concern.

AUC = area of concern. BNSF = Burlington Northern Santa Fe Railway. DRO = diesel-range organics. heavy oil = sum of DRO and ORO. ORO = oil-range organics. Property = North Cascade Ford Property.

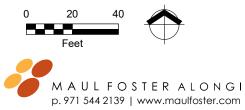
- UST = underground storage tank.
- ZGA = Zipper Geo Associates.

Sources:

Adjacent parcel boundaries obtained from Skagit County. Aerial photograph obtained from ArcGIS Online. Excavation extents surveyed by Pacific Geomatic

Services, Inc. in March 2020.

Property parcel boundaries surveyed by Wilson Engineering, LLC.



This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or ources to ascertain the usability of the info



Figure 5 Diesel-Range Organics Concentrations North Cascade Ford Property

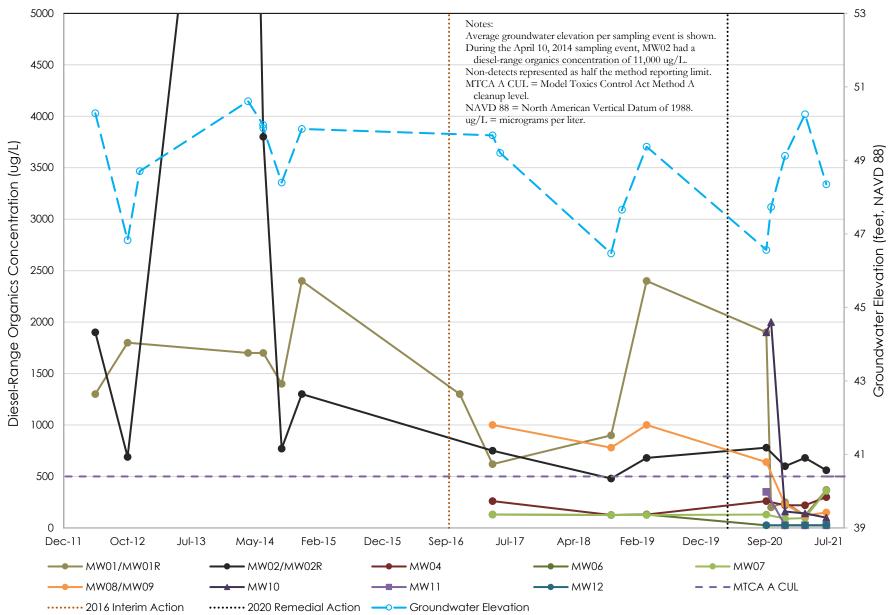




Figure 6 Lube-Oil-Range Organics Concentrations North Cascade Ford Property

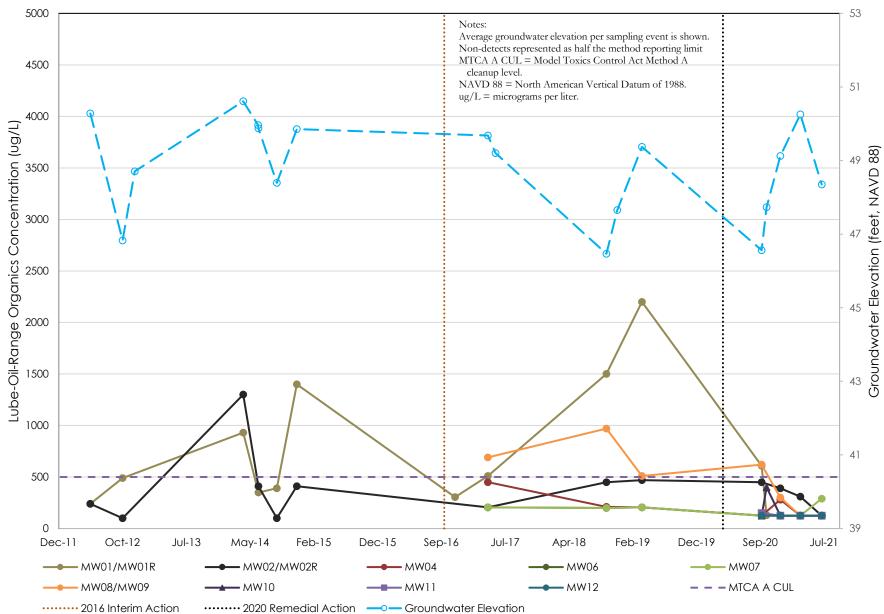
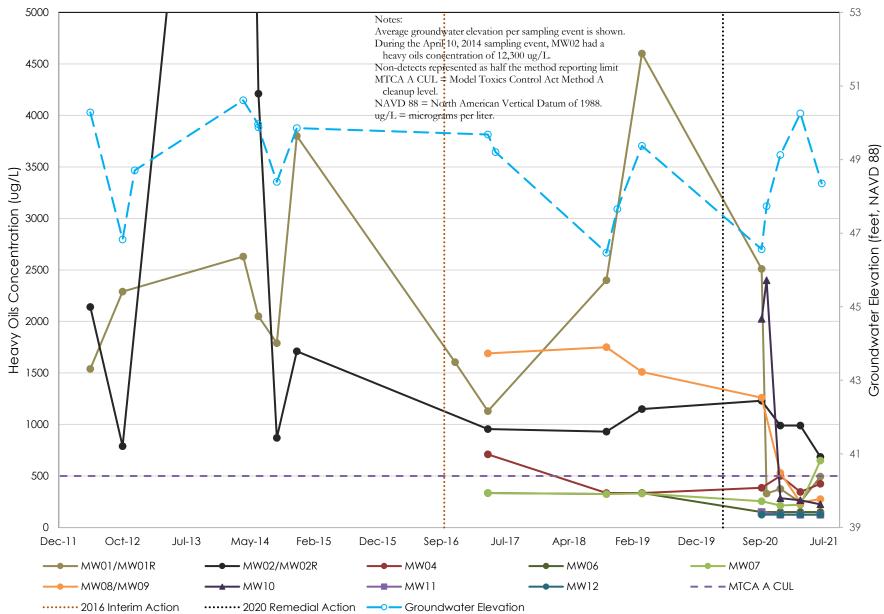




Figure 7 Heavy Oil Concentrations North Cascade Ford Property



ATTACHMENT A WATER FIELD SAMPLING DATA SHEETS



109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1

Water Field Sampling Data Sheet

| Client Name | VSF Properties, LLC | Sample Location | MW01R |
|----------------|---------------------|-----------------|-----------------|
| Project # | 0747.01.12 | Sampler | A. Bixby |
| Project Name | North Cascade Ford | Sampling Date | 6/22/2021 |
| Sampling Event | June 2021 | Sample Name | MW01R-GW-062221 |
| Sub Area | | Sample Depth | 11 |
| FSDS QA: | C. Wise 6/30/21 | Easting | Northing TOC |

Hydrology/Level Measurements

| | | | | | (Product Thickness) | (Water Column) | (Gallons/ft x Water Column) |
|-----------|------|-----------|------------|----------|---------------------|----------------|-----------------------------|
| Date | Time | DT-Bottom | DT-Product | DT-Water | DTP-DTW | DTB-DTW | Pore Volume |
| 6/22/2021 | 8:04 | 14.69 | | 7.27 | | 7.42 | 1.21 |

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

| Purge Method | Time | Purge Vol (gal) | Flowrate l/min | pН | Temp (C) | E Cond (uS/cm) | DO (mg/L) | ORP | Turbidity |
|------------------------|------------|-----------------|----------------|------|----------|----------------|-----------|-------|-----------|
| (2) Peristaltic Pump | 1:47:00 PM | 4 | 0.3 | 8.81 | 18.7 | 348.3 | 1.32 | 104.9 | 2.8 |
| | 1:50:00 PM | 4.1 | 0.3 | 8.87 | 18.7 | 347.3 | 1.3 | 102.8 | 2.71 |
| | 1:53:00 PM | 4.3 | 0.3 | 8.91 | 18.6 | 348.5 | 1.29 | 101.3 | 2.63 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Final Field Parameters | 1:56:00 PM | 4.4 | 0.3 | 8.93 | 18.5 | 349.7 | 1.22 | 100.7 | 2.53 |

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

| Water Quality Observations: | Clear; colorless; no odor; no sheen. |
|-----------------------------|--------------------------------------|
|-----------------------------|--------------------------------------|

Sample Information

| Sampling Method | Sample Type | Sampling Time | Container Code/Preservative | # | Filtered |
|----------------------|-------------|---------------|-----------------------------|---|----------|
| (2) Peristaltic Pump | Groundwater | 2:00:00 PM | VOA-Glass | 3 | No |
| | | 1 | Amber Glass | 1 | No |
| | | | White Poly | | |
| | | | Yellow Poly | | |
| | | | Green Poly | | |
| | | | Red Total Poly | | |
| | | | Red Dissolved Poly | | |
| | | | Total Bottles | 4 | |

General Sampling Comments

Began purge at 12:25.

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1

Water Field Sampling Data Sheet

| Client Name | VSF Properties, LLC | Sample Location | MW02R |
|----------------|---------------------|-----------------|-----------------|
| Project # | 0747.01.12 | Sampler | A. Bixby |
| Project Name | North Cascade Ford | Sampling Date | 6/22/2021 |
| Sampling Event | June 2021 | Sample Name | MW02R-GW-062221 |
| Sub Area | | Sample Depth | 12 |
| FSDS QA: | C. Wise 6/30/21 | Easting | Northing TOC |

Hydrology/Level Measurements

| | | | | | (Product Thickness) | (Water Column) | (Gallons/ft x Water Column) |
|-----------|------|-----------|------------|----------|---------------------|----------------|-----------------------------|
| Date | Time | DT-Bottom | DT-Product | DT-Water | DTP-DTW | DTB-DTW | Pore Volume |
| 6/22/2021 | 7:49 | 14.82 | | 8.12 | | 6.7 | 1.09 |

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

| Purge Method | Time | Purge Vol (gal) | Flowrate l/min | pН | Temp (C) | E Cond (uS/cm) | DO (mg/L) | ORP | Turbidity |
|------------------------|------------|-----------------|----------------|------|----------|----------------|-----------|------|-----------|
| (2) Peristaltic Pump | 9:12:00 AM | 1.5 | 0.3 | 6.99 | 17.7 | 561.6 | 0.27 | 96.1 | 2.35 |
| | 9:15:00 AM | 1.6 | 0.3 | 6.99 | 17.8 | 560.3 | 0.27 | 95.5 | 2.16 |
| | 9:18:00 AM | 1.7 | 0.3 | 7 | 17.8 | 560.7 | 0.28 | 94.6 | 2.05 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Final Field Parameters | 9:21:00 AM | 1.8 | 0.3 | 7 | 17.8 | 560.7 | 0.28 | 93.9 | 1.85 |

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

| Zuunty | Observations. | |
|--------|---------------|--|
| | | |
| | | |

Water Ouality Observations: Clear; slight yellow tint; no odor; no sheen.

Sample Information

| Sampling Method | Sample Type | Sampling Time | Container Code/Preservative | # | Filtered |
|----------------------|-------------|---------------|-----------------------------|---|----------|
| (2) Peristaltic Pump | Groundwater | 9:30:00 AM | VOA-Glass | 3 | No |
| | | | Amber Glass | 1 | No |
| | | | White Poly | | |
| | | | Yellow Poly | | |
| | | | Green Poly | | |
| | | | Red Total Poly | | |
| | | | Red Dissolved Poly | | |
| | | | Total Bottles | 4 | |

General Sampling Comments

Began purge at 8:12.

Field duplicate sample MWDUP-GW-062221 collected here.

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1

Water Field Sampling Data Sheet

| Client Name | VSF Properties, LLC | Sample Location | MW04 |
|----------------|---------------------|-----------------|----------------|
| Project # | 0747.01.12 | Sampler | A. Bixby |
| Project Name | North Cascade Ford | Sampling Date | 6/22/2021 |
| Sampling Event | June 2021 | Sample Name | MW04-GW-062221 |
| Sub Area | | Sample Depth | 11 |
| FSDS QA: | C. Wise 6/30/21 | Easting | Northing TOC |

Hydrology/Level Measurements

| | | | | | (Product Thickness) | (Water Column) | (Gallons/ft x Water Column) |
|-----------|------|-----------|------------|----------|---------------------|----------------|-----------------------------|
| Date | Time | DT-Bottom | DT-Product | DT-Water | DTP-DTW | DTB-DTW | Pore Volume |
| 6/22/2021 | 7:46 | 13.59 | | 7.96 | | 5.63 | 0.92 |

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

| Purge Method | Time | Purge Vol (gal) | Flowrate l/min | pН | Temp (C) | E Cond (uS/cm) | DO (mg/L) | ORP | Turbidity |
|------------------------|------------|-----------------|----------------|------|----------|----------------|-----------|-------|-----------|
| (2) Peristaltic Pump | 8:45:00 AM | 1 | 0.3 | 6.72 | 16.8 | 582.2 | 0.36 | 108.9 | 2.66 |
| | 8:48:00 AM | 1.1 | 0.3 | 6.74 | 16.8 | 579.9 | 0.35 | 105.5 | 1.94 |
| | 8:51:00 AM | 1.2 | 0.3 | 6.75 | 16.9 | 577.8 | 0.32 | 104.2 | 1.85 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Final Field Parameters | 8:54:00 AM | 1.3 | 0.3 | 6.77 | 17 | 577 | 0.31 | 102.7 | 1.71 |

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

| Water Quality Observations: | Clear; colorless; no odor; no sheen |
|-----------------------------|-------------------------------------|
|-----------------------------|-------------------------------------|

Sample Information

| Sampling Method | Sample Type | Sampling Time | Container Code/Preservative | # | Filtered |
|----------------------|-------------|---------------|-----------------------------|---|----------|
| (2) Peristaltic Pump | Groundwater | 9:00:00 AM | VOA-Glass | 3 | No |
| | | 1 | Amber Glass | 1 | No |
| | | | White Poly | | |
| | | | Yellow Poly | | |
| | | | Green Poly | | |
| | | | Red Total Poly | | |
| | | | Red Dissolved Poly | | |
| | | | Total Bottles | 4 | |

General Sampling Comments

Began purge at 8:10.

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1

Water Field Sampling Data Sheet

| Client Name | VSF Properties, LLC | Sample Location | MW06 |
|----------------|---------------------|-----------------|----------------|
| Project # | 0747.01.12 | Sampler | A. Bixby |
| Project Name | North Cascade Ford | Sampling Date | 6/22/2021 |
| Sampling Event | June 2021 | Sample Name | MW06-GW-062221 |
| Sub Area | | Sample Depth | 14 |
| FSDS QA: | C. Wise 6/30/21 | Easting | Northing |

Hydrology/Level Measurements

| | | | | | (Product Thickness) | (Water Column) | (Gallons/ft x Water Column) |
|-----------|------|-----------|------------|----------|---------------------|----------------|-----------------------------|
| Date | Time | DT-Bottom | DT-Product | DT-Water | DTP-DTW | DTB-DTW | Pore Volume |
| 6/22/2021 | 7:53 | 19.8 | | 8.72 | | 11.08 | 1.81 |

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

| Purge Method | Time | Purge Vol (gal) | Flowrate l/min | pН | Temp (C) | E Cond (uS/cm) | DO (mg/L) | ORP | Turbidity |
|------------------------|-------------|-----------------|----------------|------|----------|----------------|-----------|-------|-----------|
| (2) Peristaltic Pump | 10:40:00 AM | 2 | 0.3 | 6.45 | 15.1 | 400.6 | 0.26 | 129.1 | 12.1 |
| | 10:43:00 AM | 2.1 | 0.3 | 6.42 | 16 | 390.4 | 0.26 | 125.9 | 10 |
| | 10:46:00 AM | 2.2 | 0.3 | 6.38 | 16.7 | 385.7 | 0.27 | 120.5 | 7.72 |
| | 10:49:00 AM | 2.4 | 0.3 | 6.35 | 17 | 384.7 | 0.27 | 119.3 | 6.03 |
| | | | | | | | | | |
| | | | | | | | | | |
| Final Field Parameters | 10:52:00 AM | 2.5 | 0.3 | 6.3 | 17 | 388.6 | 0.26 | 117.3 | 6.29 |

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations: Clear; reddish brown particulates; no odor; no sheen.

Sample Information

| Sampling Method | Sample Type | Sampling Time | Container Code/Preservative | # | Filtered |
|----------------------|-------------|---------------|-----------------------------|---|----------|
| (2) Peristaltic Pump | Groundwater | 11:00:00 AM | VOA-Glass | | No |
| | | L. | Amber Glass | 1 | No |
| | | | White Poly | | |
| | | | Yellow Poly | | |
| | | | Green Poly | | |
| | | | Red Total Poly | | |
| | | | Red Dissolved Poly | | |
| | | | Total Bottles | 4 | |

General Sampling Comments

Began purge at 9:55.

Started purging at 0.4 L/min, then reduced purge rate for geochemical parameter and sample collection.

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1

Water Field Sampling Data Sheet

| Client Name | VSF Properties, LLC | Sample Location | MW07 |
|----------------|---------------------|-----------------|----------------|
| Project # | 0747.01.12 | Sampler | A. Bixby |
| Project Name | North Cascade Ford | Sampling Date | 6/22/2021 |
| Sampling Event | June 2021 | Sample Name | MW07-GW-062221 |
| Sub Area | | Sample Depth | 14 |
| FSDS QA: | C. Wise 6/30/21 | Easting | Northing TOC |

Hydrology/Level Measurements

| | | | | | (Product Thickness) | (Water Column) | (Gallons/ft x Water Column) |
|-----------|------|-----------|------------|----------|---------------------|----------------|-----------------------------|
| Date | Time | DT-Bottom | DT-Product | DT-Water | DTP-DTW | DTB-DTW | Pore Volume |
| 6/22/2021 | 7:59 | 19.64 | | 8.8 | | 10.84 | 1.77 |

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

| Purge Method | Time | Purge Vol (gal) | Flowrate l/min | pН | Temp (C) | E Cond (uS/cm) | DO (mg/L) | ORP | Turbidity |
|------------------------|-------------|-----------------|----------------|------|----------|----------------|-----------|-------|-----------|
| (2) Peristaltic Pump | 12:30:00 PM | 0.6 | 0.2 | | | | | | 75.4 |
| | 12:40:00 PM | 0.9 | 0.2 | | | | | | 44.3 |
| | 1:00:00 PM | 1.6 | 0.2 | | | | | | 32.2 |
| | 1:10:00 PM | 1.9 | 0.2 | 6.29 | 19.7 | 474.4 | 0.33 | 137.8 | 29.9 |
| | 1:13:00 PM | 2 | 0.2 | 6.28 | 20.3 | 471 | 0.33 | 135.1 | 29 |
| | 1:16:00 PM | 2.1 | 0.2 | 6.29 | 20.5 | 476.7 | 0.3 | 132.9 | 27 |
| Final Field Parameters | 1:19:00 PM | 2.2 | 0.2 | 6.27 | 20.8 | 467.7 | 0.27 | 130.1 | 25.6 |

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations: Cloudy, the

Cloudy, then clear; orange tint; no odor; no sheen.

Sample Information

| Sampling Method | Sample Type | Sampling Time | Container Code/Preservative | # | Filtered |
|----------------------|-------------|---------------|-----------------------------|---|----------|
| (2) Peristaltic Pump | Groundwater | 1:30:00 PM | VOA-Glass | 3 | No |
| | | | Amber Glass | 1 | No |
| | | | White Poly | | |
| | | | Yellow Poly | | |
| | | | Green Poly | | |
| | | | Red Total Poly | | |
| | | | Red Dissolved Poly | | |
| | | | Total Bottles | 4 | |

General Sampling Comments

Began purge at 12:00.

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1

Water Field Sampling Data Sheet

| Client Name | VSF Properties, LLC | Sample Location | MW09 |
|----------------|---------------------|-----------------|----------------|
| Project # | 0747.01.12 | Sampler | A. Bixby |
| Project Name | North Cascade Ford | Sampling Date | 6/22/2021 |
| Sampling Event | June 2021 | Sample Name | MW09-GW-062221 |
| Sub Area | | Sample Depth | 14 |
| FSDS QA: | C. Wise 6/30/21 | Easting | Northing TOC |

Hydrology/Level Measurements

| | | | | | (Product Thickness) | (Water Column) | (Gallons/ft x Water Column) |
|-----------|------|-----------|------------|----------|---------------------|----------------|-----------------------------|
| Date | Time | DT-Bottom | DT-Product | DT-Water | DTP-DTW | DTB-DTW | Pore Volume |
| 6/22/2021 | 8:02 | 19.97 | | 7.57 | | 12.4 | 2.02 |

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

| Purge Method | Time | Purge Vol (gal) | Flowrate l/min | pН | Temp (C) | E Cond (uS/cm) | DO (mg/L) | ORP | Turbidity |
|------------------------|-------------|-----------------|----------------|------|----------|----------------|-----------|-------|-----------|
| (2) Peristaltic Pump | 12:03:00 PM | 2 | 0.3 | 7.42 | 17.7 | 416.6 | 4.43 | 107.2 | 1.97 |
| | 12:06:00 PM | 2.1 | 0.3 | 7.45 | 17.7 | 418.6 | 4.41 | 105.9 | 2.41 |
| | 12:09:00 PM | 2.2 | 0.3 | 7.46 | 17.6 | 416.2 | 4.39 | 107.9 | 1.82 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Final Field Parameters | 12:12:00 PM | 2.3 | 0.3 | 7.47 | 17.9 | 413.4 | 4.35 | 108.1 | 1.73 |

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

| tions: | Clear; colorless; no odor; no sheen |
|--------|-------------------------------------|
|--------|-------------------------------------|

Sample Information

Water Quality Observa

| Sampling Method | Sample Type | Sampling Time | Container Code/Preservative | # | Filtered |
|----------------------|-------------|---------------|-----------------------------|---|----------|
| (2) Peristaltic Pump | Groundwater | 12:15:00 PM | VOA-Glass | 3 | No |
| | | I | Amber Glass | 1 | No |
| | | | White Poly | | |
| | | | Yellow Poly | | |
| | | | Green Poly | | |
| | | | Red Total Poly | | |
| | | | Red Dissolved Poly | | |
| | | | Total Bottles | 4 | |

General Sampling Comments

Began purge at 11:13.

Maul Foster & Alongi, Inc.

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1

Water Field Sampling Data Sheet

| Client Name | VSF Properties, LLC | Sample Location | MW10 |
|----------------|---------------------|-----------------|----------------|
| Project # | 0747.01.12 | Sampler | A. Bixby |
| Project Name | North Cascade Ford | Sampling Date | 6/22/2021 |
| Sampling Event | June 2021 | Sample Name | MW10-GW-062221 |
| Sub Area | | Sample Depth | 12 |
| FSDS QA: | C. Wise 6/30/21 | Easting | Northing TOC |

Hydrology/Level Measurements

| | | | | | (Product Thickness) | (Water Column) | (Gallons/ft x Water Column) |
|-----------|------|-----------|------------|----------|---------------------|----------------|-----------------------------|
| Date | Time | DT-Bottom | DT-Product | DT-Water | DTP-DTW | DTB-DTW | Pore Volume |
| 6/22/2021 | 7:51 | 19.82 | | 7.62 | | 12.2 | 1.99 |

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

| Purge Method | Time | Purge Vol (gal) | Flowrate l/min | pН | Temp (C) | E Cond (uS/cm) | DO (mg/L) | ORP | Turbidity |
|------------------------|-------------|-----------------|----------------|------|----------|----------------|-----------|-------|-----------|
| (2) Peristaltic Pump | 10:02:00 AM | 2.5 | 0.3 | 8.66 | 16.7 | 355.5 | 2.91 | 101.8 | 1.8 |
| | 10:05:00 AM | 2.6 | 0.3 | 8.69 | 17 | 353.4 | 2.89 | 100.5 | 1.46 |
| | 10:08:00 AM | 2.7 | 0.3 | 8.73 | 17.1 | 355.8 | 2.91 | 99 | 1.71 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Final Field Parameters | 10:12:00 AM | 2.8 | 0.3 | 8.75 | 17.1 | 355.7 | 2.95 | 99.4 | 1.62 |

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

| tions: | Clear; colorless; | no odor; | no sheen. |
|--------|-------------------|----------|-----------|
|--------|-------------------|----------|-----------|

Sample Information

Water Quality Observa

| Sampling Method | Sample Type | Sampling Time | Container Code/Preservative | # | Filtered |
|----------------------|-------------|---------------|-----------------------------|---|----------|
| (2) Peristaltic Pump | Groundwater | 10:15:00 AM | VOA-Glass | 3 | No |
| | | I | Amber Glass | 1 | No |
| | | | White Poly | | |
| | | | Yellow Poly | | |
| | | | Green Poly | | |
| | | | Red Total Poly | | |
| | | | Red Dissolved Poly | | |
| | | | Total Bottles | 4 | |

General Sampling Comments

Began purge at 9:07.

Maul Foster & Alongi, Inc.

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1

Water Field Sampling Data Sheet

| Client Name | VSF Properties, LLC | Sample Location | MW11 |
|----------------|---------------------|-----------------|----------------|
| Project # | 0747.01.12 | Sampler | A. Bixby |
| Project Name | North Cascade Ford | Sampling Date | 6/22/2021 |
| Sampling Event | June 2021 | Sample Name | MW11-GW-062221 |
| Sub Area | | Sample Depth | 13 |
| FSDS QA: | C. Wise 6/30/21 | Easting | Northing TOC |

Hydrology/Level Measurements

| | | | | | (Product Thickness) | (Water Column) | (Gallons/ft x Water Column) |
|-----------|------|-----------|------------|----------|---------------------|----------------|-----------------------------|
| Date | Time | DT-Bottom | DT-Product | DT-Water | DTP-DTW | DTB-DTW | Pore Volume |
| 6/22/2021 | 8:08 | 19.65 | | 7.72 | | 11.93 | 1.94 |

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

| Purge Method | Time | Purge Vol (gal) | Flowrate l/min | pН | Temp (C) | E Cond (uS/cm) | DO (mg/L) | ORP | Turbidity |
|------------------------|------------|-----------------|----------------|-------|----------|----------------|-----------|-------|-----------|
| (2) Peristaltic Pump | 2:40:00 PM | 2 | 0.3 | 10.93 | 18.3 | 468.3 | 9.96 | 118.6 | 3.75 |
| | 2:43:00 PM | 2.1 | 0.3 | 10.98 | 18.4 | 471.3 | 9.85 | 118.3 | 2.89 |
| | 2:46:00 PM | 2.3 | 0.3 | 10.98 | 18.3 | 474.3 | 9.95 | 116.8 | 1.94 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Final Field Parameters | 2:49:00 PM | 2.4 | 0.3 | 10.98 | 18.4 | 474.1 | 9.92 | 117.7 | 1.83 |

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Sample Information

Water Quality Observ

| Sampling Method | Sample Type | Sampling Time | Container Code/Preservative | # | Filtered |
|----------------------|-------------|---------------|-----------------------------|---|----------|
| (2) Peristaltic Pump | Groundwater | 3:00:00 PM | VOA-Glass | 3 | No |
| | | | Amber Glass | 2 | No |
| | | | White Poly | | |
| | | | Yellow Poly | | |
| | | | Green Poly | | |
| | | | Red Total Poly | | |
| | | | Red Dissolved Poly | | |
| | | | Total Bottles | 5 | |

General Sampling Comments

Began purge at 13:40.

Maul Foster & Alongi, Inc.

109 East 13th Street, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1

Water Field Sampling Data Sheet

| Client Name | VSF Properties, LLC | Sample Location | MW12 |
|----------------|---------------------|-----------------|----------------|
| Project # | 0747.01.12 | Sampler | A. Bixby |
| Project Name | North Cascade Ford | Sampling Date | 6/22/2021 |
| Sampling Event | June 2021 | Sample Name | MW12-GW-062221 |
| Sub Area | | Sample Depth | 11 |
| FSDS QA: | C. Wise 6/30/21 | Easting | Northing TOC |

Hydrology/Level Measurements

| | | | | | (Product Thickness) | (Water Column) | (Gallons/ft x Water Column) |
|-----------|------|-----------|------------|----------|---------------------|----------------|-----------------------------|
| Date | Time | DT-Bottom | DT-Product | DT-Water | DTP-DTW | DTB-DTW | Pore Volume |
| 6/22/2021 | 7:56 | 14.58 | | 8.69 | | 5.89 | 0.96 |

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

| Purge Method | Time | Purge Vol (gal) | Flowrate l/min | pН | Temp (C) | E Cond (uS/cm) | DO (mg/L) | ORP | Turbidity |
|------------------------|-------------|-----------------|----------------|------|----------|----------------|-----------|-------|-----------|
| (2) Peristaltic Pump | 11:30:00 AM | 2 | 0.3 | 6.1 | 16.2 | 493.6 | 0.31 | 116.6 | 4.23 |
| | 11:33:00 AM | 2.1 | 0.3 | 6.1 | 16.5 | 493.7 | 0.31 | 116 | 3.69 |
| | 11:36:00 AM | 2.2 | 0.3 | 6.1 | 16.4 | 491.7 | 0.31 | 115.4 | 4.04 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Final Field Parameters | 11:39:00 AM | 2.4 | 0.3 | 6.11 | 16.3 | 493.7 | 0.3 | 114.4 | 3.22 |

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

| Water Quality Observations: | Clear; colorless; no odor; no sheen |
|-----------------------------|-------------------------------------|
|-----------------------------|-------------------------------------|

Sample Information

| Sampling Method | Sample Type | Sampling Time | Container Code/Preservative | # | Filtered |
|----------------------|-------------|---------------|-----------------------------|---|----------|
| (2) Peristaltic Pump | Groundwater | 11:45:00 AM | VOA-Glass | 3 | No |
| | | 1 | Amber Glass | 1 | No |
| | | | White Poly | | |
| | | | Yellow Poly | | |
| | | | Green Poly | | |
| | | | Red Total Poly | | |
| | | | Red Dissolved Poly | | |
| | | | Total Bottles | 4 | |

General Sampling Comments

Began purge at 10:30.

ATTACHMENT B ANALYTICAL LABORATORY REPORT



ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D. Yelena Aravkina, M.S. Michael Erdahl, B.S. Arina Podnozova, B.S. Eric Young, B.S. 3012 16th Avenue West Seattle, WA 98119-2029 (206) 285-8282 fbi@isomedia.com www.friedmanandbruya.com

July 1, 2021

Carolyn Wise, Project Manager Maul Foster Alongi 1329 N State St, Suite 301 Bellingham, WA 98225

Dear Ms Wise:

Included are the results from the testing of material submitted on June 23, 2021 from the North Cascade Ford 0747.01.12, F&BI 106406 project. There are 10 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Colo

Michael Erdahl Project Manager

Enclosures MFA0701R.DOC

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on June 23, 2021 by Friedman & Bruya, Inc. from the Maul Foster Alongi North Cascade Ford 0747.01.12, F&BI 106406 project. Samples were logged in under the laboratory ID's listed below.

| <u>Laboratory ID</u> | <u>Maul Foster Alongi</u> |
|----------------------|---------------------------|
| 106406 -01 | MW01R-GW-062221 |
| 106406 -02 | MW02R-GW-062221 |
| 106406 -03 | MWDUP-GW-062221 |
| 106406 -04 | MW04-GW-062221 |
| 106406 -05 | MW06-GW-062221 |
| 106406 -06 | MW07-GW-062221 |
| 106406 -07 | MW09-GW-062221 |
| 106406 -08 | MW10-GW-062221 |
| 106406 -09 | MW11-GW-062221 |
| 106406 -10 | MW12-GW-062221 |
| 106406 -11 | Trip Blank |
| | |

All quality control requirements were acceptable.

ENVIRONMENTAL CHEMISTS

Date of Report: 07/01/21 Date Received: 06/23/21 Project: North Cascade Ford 0747.01.12, F&BI 106406 Date Extracted: 06/24/21 Date Analyzed: 06/25/21

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING METHODS 8021B AND NWTPH-Gx Results Reported as ug/L (ppb)

| <u>Sample ID</u> Laboratory ID | <u>Benzene</u> | <u>Toluene</u> | Ethyl <u>Benzene</u> | Total <u>Xylenes</u> | Gasoline <u>Range</u> | Surrogate (<u>% Recovery</u>) (Limit 52-124) |
|---------------------------------------|----------------|----------------|-------------------------|-------------------------|--------------------------|--|
| MW01R-GW-062221 106406-01 | <1 | <1 | <1 | <3 | <100 | 111 |
| MW02R-GW-062221 106406-02 | <1 | <1 | <1 | <3 | <100 | 109 |
| MWDUP-GW-06222 106406-03 | 1 <1 | <1 | <1 | <3 | <100 | 107 |
| MW04-GW-062221 106406-04 | <1 | <1 | <1 | <3 | <100 | 108 |
| MW06-GW-062221 106406-05 | <1 | <1 | <1 | <3 | <100 | 109 |
| MW07-GW-062221 106406-06 | <1 | <1 | <1 | <3 | <100 | 108 |
| MW09-GW-062221 106406-07 | <1 | <1 | <1 | <3 | <100 | 109 |
| MW10-GW-062221 106406-08 | <1 | <1 | <1 | <3 | <100 | 102 |
| MW11-GW-062221 106406-09 | <1 | <1 | <1 | <3 | <100 | 102 |
| MW12-GW-062221 106406-10 | <1 | <1 | <1 | <3 | <100 | 103 |
| Method Blank ^{01-1414 MB} | <1 | <1 | <1 | <3 | <100 | 111 |

ENVIRONMENTAL CHEMISTS

Date of Report: 07/01/21 Date Received: 06/23/21 Project: North Cascade Ford 0747.01.12, F&BI 106406 Date Extracted: 06/24/21 Date Analyzed: 06/25/21

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES USING METHOD 8021B

Results Reported as ug/L (ppb)

| <u>Sample ID</u> Laboratory ID | <u>Benzene</u> | <u>Toluene</u> | Ethyl <u>Benzene</u> | Total <u>Xylenes</u> | Surrogate (<u>% Recovery</u>) Limit (50-150) |
|-----------------------------------|----------------|----------------|-------------------------|-------------------------|--|
| Trip Blank 106406-11 | <1 | <1 | <1 | <3 | 104 |
| Method Blank 01-1414 MB | <1 | <1 | <1 | <3 | 111 |

ENVIRONMENTAL CHEMISTS

Date of Report: 07/01/21 Date Received: 06/23/21 Project: North Cascade Ford 0747.01.12, F&BI 106406 Date Extracted: 06/24/21 Date Analyzed: 06/24/21

RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL AND MOTOR OIL USING METHOD NWTPH-Dx

Results Reported as ug/L (ppb)

| <u>Sample ID</u> Laboratory ID | Diesel Range (C10-C25) | Motor Oil Range (C25-C36) | Surrogate <u>(% Recovery)</u> (Limit 41-152) |
|---------------------------------------|---------------------------|------------------------------|--|
| MW01R-GW-062221 106406-01 | 370 x | <250 | 113 |
| MW02R-GW-062221 106406-02 | 560 x | <250 | 113 |
| MWDUP-GW-062221 106406-03 | 530 x | <250 | 106 |
| MW04-GW-062221 106406-04 | 300 x | <250 | 109 |
| MW06-GW-062221 106406-05 | <50 | <250 | 107 |
| MW07-GW-062221 106406-06 | 360 x | 290 x | 100 |
| MW09-GW-062221 106406-07 | 150 x | <250 | 97 |
| MW10-GW-062221 106406-08 | 100 x | <250 | 97 |
| MW11-GW-062221 106406-09 | <50 | <250 | 111 |
| MW12-GW-062221 106406-10 | <50 | <250 | 106 |
| Method Blank ^{01-1484 MB} | <50 | <250 | 108 |

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270E

| Client Sample ID: Date Received: Date Extracted: Date Analyzed: Matrix: Units: | MW11-GW 06/23/21 06/28/21 06/28/21 Water ug/L (ppb) | -062221 | Client: Project: Lab ID: Data File: Instrument: Operator: | Maul Foster Alongi North Cascade Ford 0747.01.12 106406-09 1/2 062814.D GCMS12 VM |
|--|--|---|--|--|
| Surrogates: 2-Fluorophenol Phenol-d6 Nitrobenzene-d5 2-Fluorobiphenyl 2,4,6-Tribromophen Terphenyl-d14 | nol | % Recovery: 26 21 76 67 73 102 | Lower Limit: 11 50 50 30 50 | Upper Limit: 65 65 150 150 131 150 |
| Compounds: Naphthalene 2-Methylnaphthale 1-Methylnaphthale | | Concentration ug/L (ppb) <0.4 <0.4 <0.4 | | |

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270E

| Client Sample ID: Date Received: Date Extracted: Date Analyzed: Matrix: Units: | Method Blan Not Applicab 06/28/21 06/28/21 Water ug/L (ppb) | | Client: Project: Lab ID: Data File: Instrument: Operator: | Maul Foster Alongi North Cascade Ford 0747.01.12 01-1500 mb 062811.D GCMS12 VM |
|--|--|---|--|---|
| Surrogates: 2-Fluorophenol Phenol-d6 Nitrobenzene-d5 2-Fluorobiphenyl 2,4,6-Tribromophen Terphenyl-d14 | | % Recovery: 22 16 80 75 76 97 | Lower Limit: 11 11 50 50 30 50 | Upper Limit: 65 65 150 150 131 150 |
| Compounds: | (| Concentration ug/L (ppb) | | |
| Naphthalene 2-Methylnaphthale 1-Methylnaphthale | | <0.2 <0.2 <0.2 | | |

ENVIRONMENTAL CHEMISTS

Date of Report: 07/01/21 Date Received: 06/23/21 Project: North Cascade Ford 0747.01.12, F&BI 106406

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES, AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

| Laboratory Code: | 106390-01 (Duplica | ate) | | |
|------------------|--------------------|--------|-----------|------------|
| | Reporting | Sample | Duplicate | RPD |
| Analyte | Units | Result | Result | (Limit 20) |
| Benzene | ug/L (ppb) | <1 | <1 | nm |
| Toluene | ug/L (ppb) | <1 | <1 | nm |
| Ethylbenzene | ug/L (ppb) | <1 | <1 | nm |
| Xylenes | ug/L (ppb) | <3 | <3 | nm |
| Gasoline | ug/L (ppb) | <100 | <100 | nm |

Laboratory Code: Laboratory Control Sample

| | | Percent | | | | |
|--------------|------------|---------|----------|------------|--|--|
| | Reporting | Spike | Recovery | Acceptance | | |
| Analyte | Units | Level | LCS | Criteria | | |
| Benzene | ug/L (ppb) | 50 | 100 | 65-118 | | |
| Toluene | ug/L (ppb) | 50 | 100 | 72 - 122 | | |
| Ethylbenzene | ug/L (ppb) | 50 | 101 | 73-126 | | |
| Xylenes | ug/L (ppb) | 150 | 98 | 74-118 | | |
| Gasoline | ug/L (ppb) | 1,000 | 93 | 69-134 | | |

ENVIRONMENTAL CHEMISTS

Date of Report: 07/01/21 Date Received: 06/23/21 Project: North Cascade Ford 0747.01.12, F&BI 106406

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: Laboratory Control Sample

| | | | Percent | Percent | | |
|------------------------|------------|-------|----------|----------|------------|------------|
| | Reporting | Spike | Recovery | Recovery | Acceptance | RPD |
| Analyte | Units | Level | LCS | LCSD | Criteria | (Limit 20) |
| Diesel Extended | ug/L (ppb) | 2,500 | 116 | 128 | 63-142 | 10 |

ENVIRONMENTAL CHEMISTS

Date of Report: 07/01/21 Date Received: 06/23/21 Project: North Cascade Ford 0747.01.12, F&BI 106406

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR SEMIVOLATILES BY EPA METHOD 8270E

Laboratory Code: Laboratory Control Sample

| Laboratory Code: Laboratory C | Reporting Units | Spike Level | Percent Recovery LCS | Percent Recovery LCSD | Acceptance Criteria | RPD (Limit 20) |
|-------------------------------|--------------------|----------------|----------------------------|-----------------------------|------------------------|-------------------|
| Naphthalene | ug/L (ppb) | 5 | 65 | 73 | 62-90 | 12 |
| 2-Methylnaphthalene | ug/L (ppb) | 5 | 70 | 79 | 64-93 | 12 |
| 1-Methylnaphthalene | ug/L (ppb) | 5 | 69 | 78 | 65-93 | 12 |

ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

 ${\rm J}$ - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

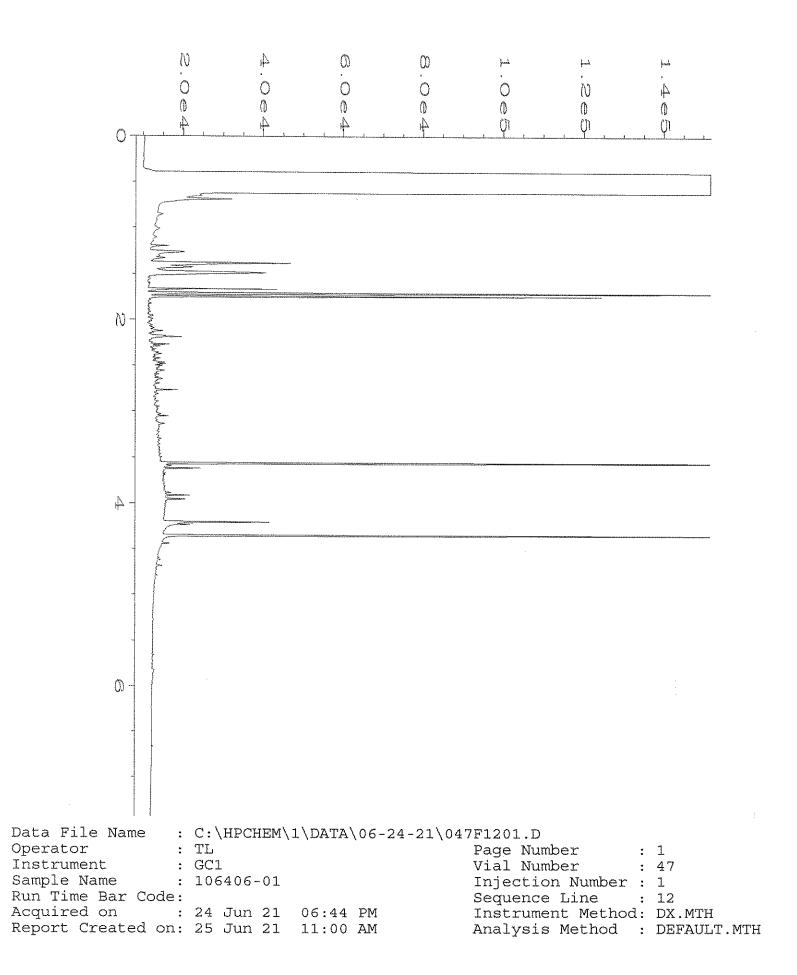
pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

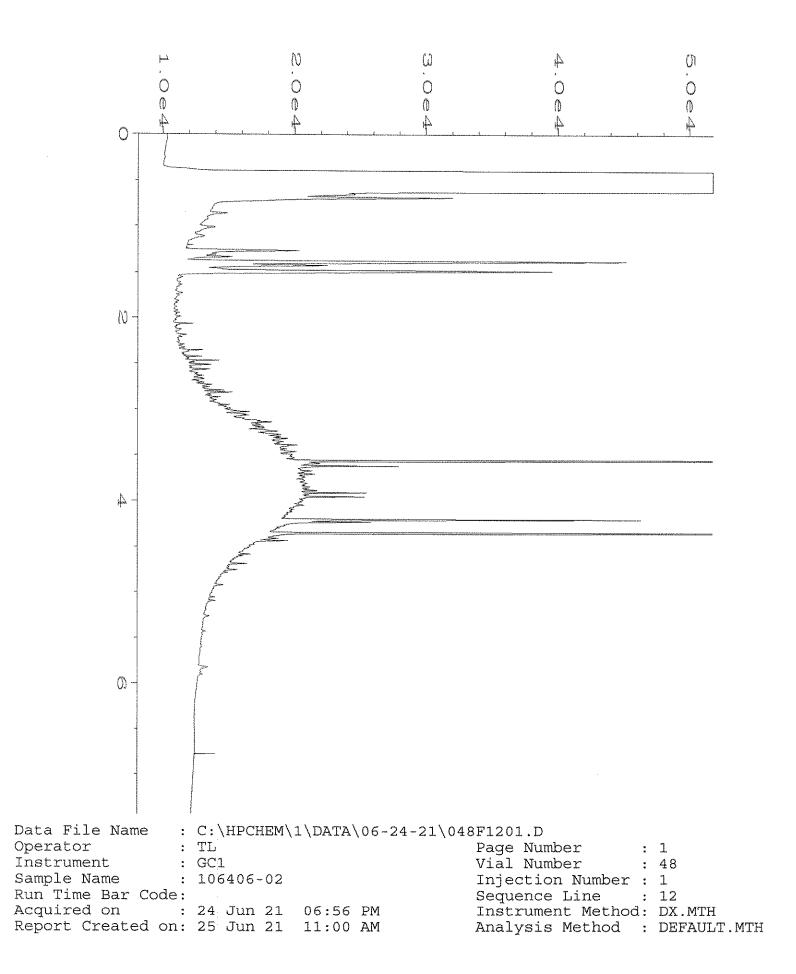
ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

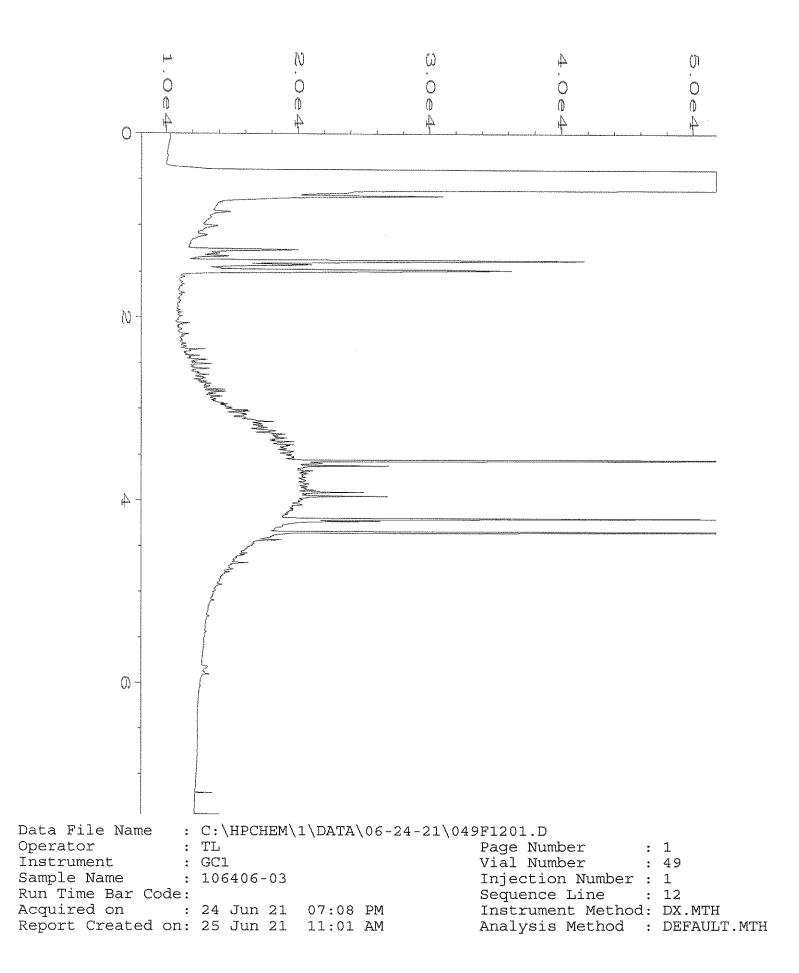
vo - The value reported fell outside the control limits established for this analyte.

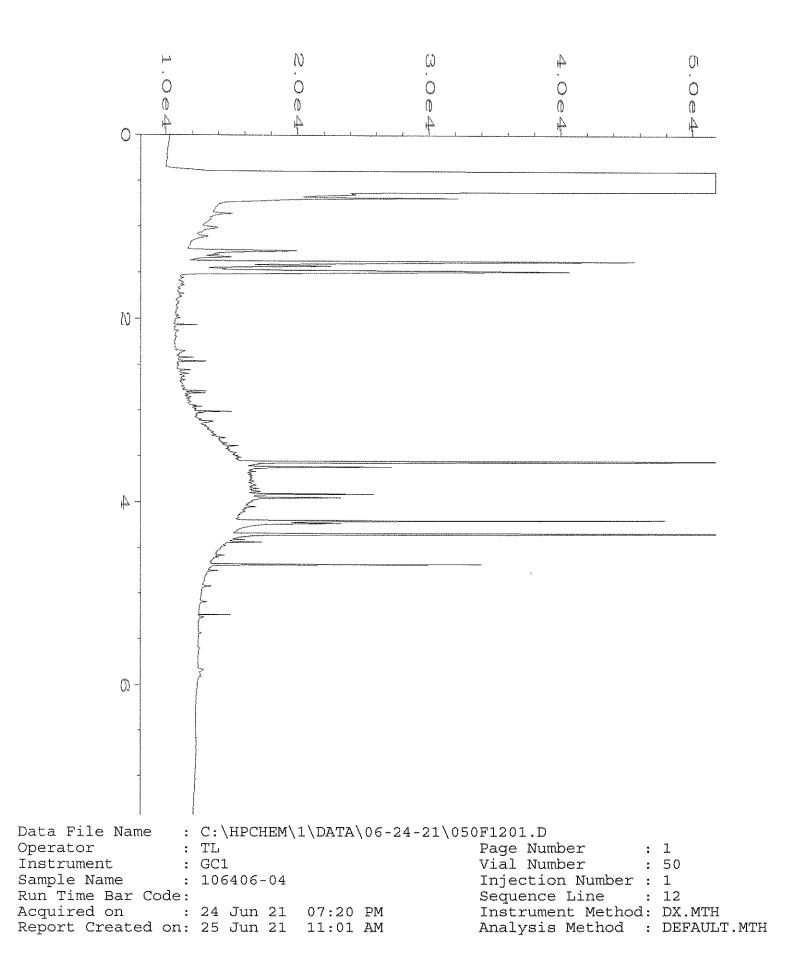
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

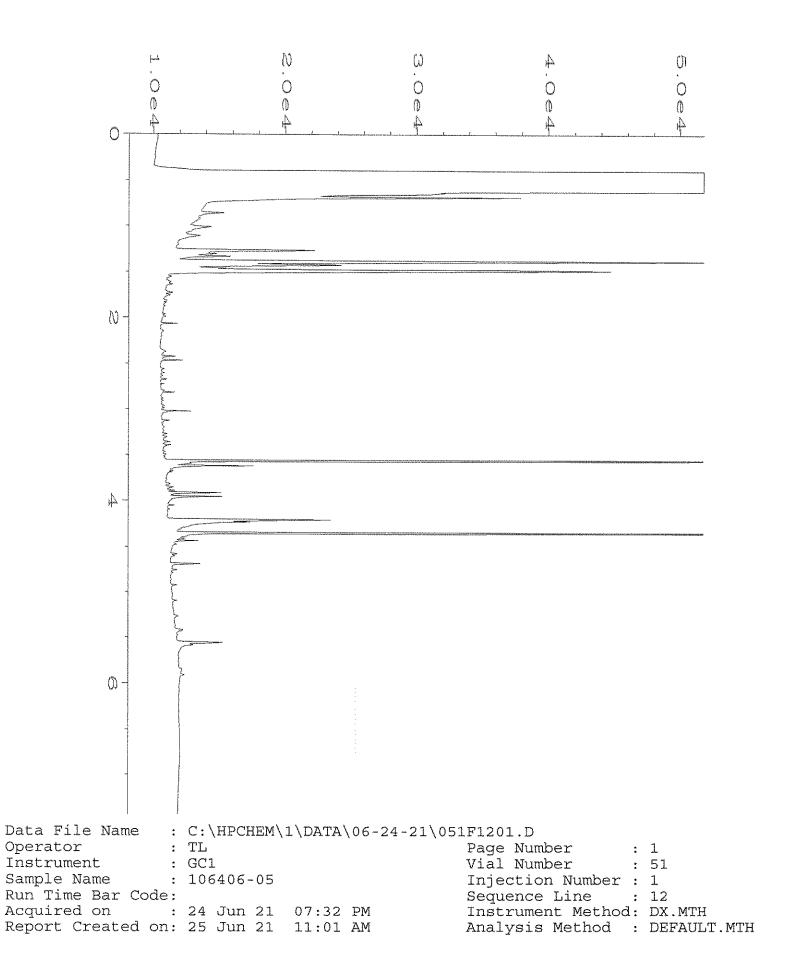
| | | 6/00 | | | | | | | | | | | | | | | | · | | |
|----------------------------|---------------------------|-----------------------|------------------------|------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------------|-----------------|-------------------|-----------------|--------------------------------------|--------------------|---|--|-----------------|---------------------|
| Ph. (206) 285-8282 (NA) Re | Seattle, WA 98119-2029 Re | b012 16th Avenue West | Friedman & Bruya, Inc. | Trip Blank | MW12-GW-062221 | MW11-GW-062221 | MW10-GW-062221 | MW09-GW-062221 | MW07-GW-062221 | MW06-GW-062221 | MW04-GW-062221 | MW00P-GW-062221 | MW 02 R-GW-062221 | MW01R-GW-062221 | Sample ID | | City, State, ZIP <u>Bellingham</u> , WA 9822S Phone <u>(366)690-5982</u> Email <i>CWise@maulfcstar.com</i> | Company May toster Address 1329 N State | Ó | 904901 |
| Received by: | Relinquished by: | Received by: | Relinquished by: | IS (1 // | 1 10 AV | 09 A.E | 1 08 1 | t0 1 | 1 06 . | 1 05 | 1 04 | | | 101A-D | Lab ID | | m, WA LCWise@ | | Wise | |
| | | mala lanco | and | SIGNATURE | 6122/22 | 6/22/21 | 6122121 | 6/22/21 | 6/22/21 | 6122/22 | 6122/22 | 6122/21 | 6/22/21 | 6122121 | Date Sampled | | 98225 maulfester.e | & Alongi Street, Suite30 | | - |
| | | la la | Ref. | | 1145 | 1500 | 1015 | 1215 | 1330 | 1100 | 0900 | 0930 | 0930 | 1400 | Time Sampled | | Please Please Project | | PROJEC | SAMPLE CHAIN OF CUS |
| | | × | A | K | ž | K. | R | E | ٤ | R | ٤ | W | Ś | ٤ | Sample Type | | REMARKS Please analyze the trip blank for BTEX only Project specific RLs? - Yes | North Cascade | PROJECT NAME | CHAIN |
| | | NOK AN | Amanda | PRIN | ₽.F. | S | Ĥ | Γ. | エ | 1 | L | 2 | ţ, | L | # of Jars | | the Hrip X only s? - Yes | 1 | (a m | OF (|
| | | ~ | ľ | PRINT NAME | X | X | X | X | X | X | XX | X | X | K | <u>PL 0+020</u> NWTPH-Dx GR0 | - | | Ford | 0 | SOC |
| | | hour | Bixby | ME | ,XX | X | | | | | $\left \right\rangle$ | | 1× | K | GRO NWTPH-Gx | | No No | | - | TODY |
| | | 15 | Ę | | | | +^_ | <u>}</u> | | \vdash | | | | | BTEX EPA 8021 NWTPH-HCID | | INVOICE TO accounting @ maulfoster, cc | 0747.01.12 | | Y |
| | | | | | | | | | | | | | , | | VOCs EPA 8260 | ANA | INVO IL Jos | 17, | Mm | |
| | | | | | | | | | |] | | | | <u> </u> | PAHs EPA 8270 | ISAT | 1 S S S S S S S S S S S S S S S S S S S | 0, | POR! | 1 2 2 |
| 5 | | | ~ | | | | | | | | | | | | PCBs EPA 8082 | IS RE | INVOICE TO Scounting @ Maulfoster, com | 12 | | |
| ampl | | Te B | MFA | COMPANY | | \bowtie | | <u> </u> | | <u> </u> | | | | <u> </u> | Tatal naphtheters by EPA 8270 SIM | QUE | د | | | 6 |
| es re | | 14 | | ANY | | | | | | | | | | | | ANALYSES REQUESTED | | R | % | 623 |
| Samples received at | | | | | | | | | | | | | | | | | SA □ Archiv □ Other <u>Default</u> : | □ RUSH Rush cha | TU | Al Page # |
| 12 | | 6 | 6 | | | | | | | 1 | | | | , | 50 1 | | e sam Disp | Irges a | RNAF ard tu | e — |
| 0 c | | 123/21 | 6/22/21 | DATE | | | | | | | | | | | rote | | SAMPLE DISPOSAL Archive samples Other | RUSH Rush charges authorized by | TURNAROUND TIME | Vw4 |
| | | + | T. | | | | | | | -1 | | | | | Notes rip bla above | | POSA | nized 1 | D TIN | of L |
| | | 1400 | 1700 | TIME | | | | | | | | | | | Hrip blank | | SAMPLE DISPOSAL |)y: | 1E | YOU |

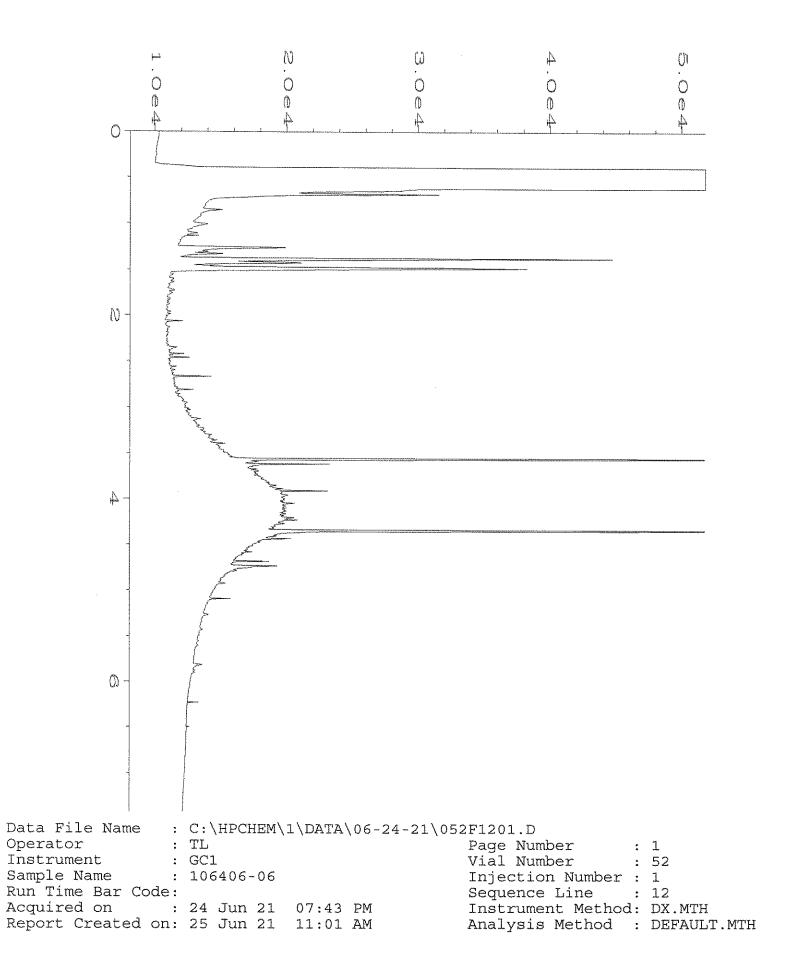


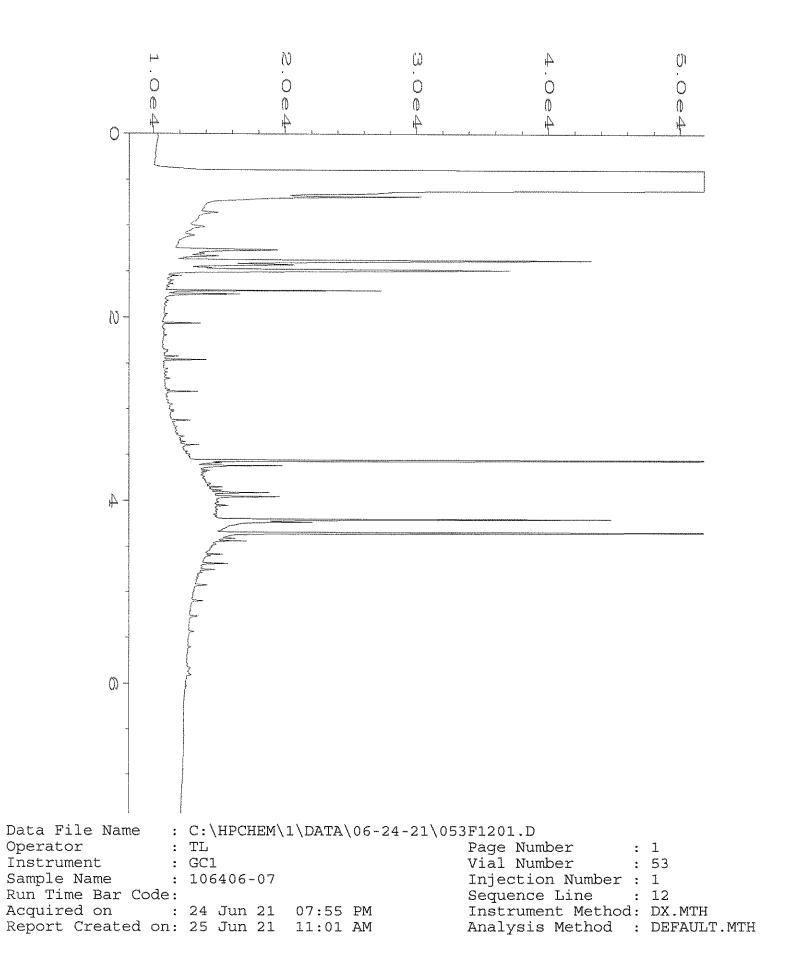


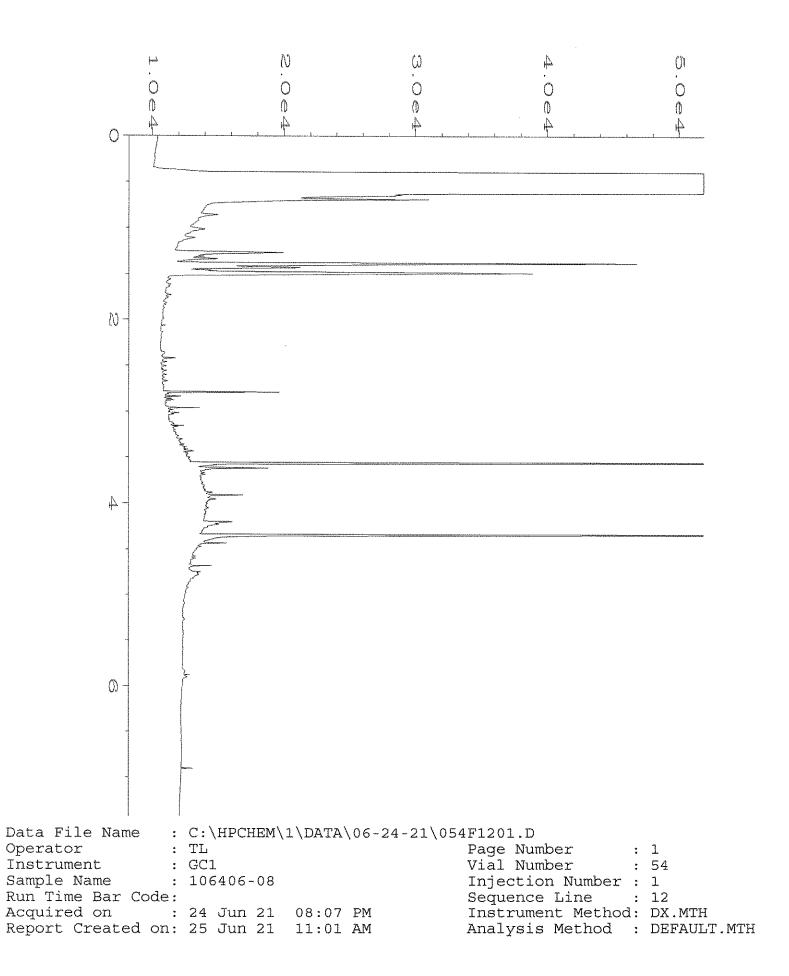


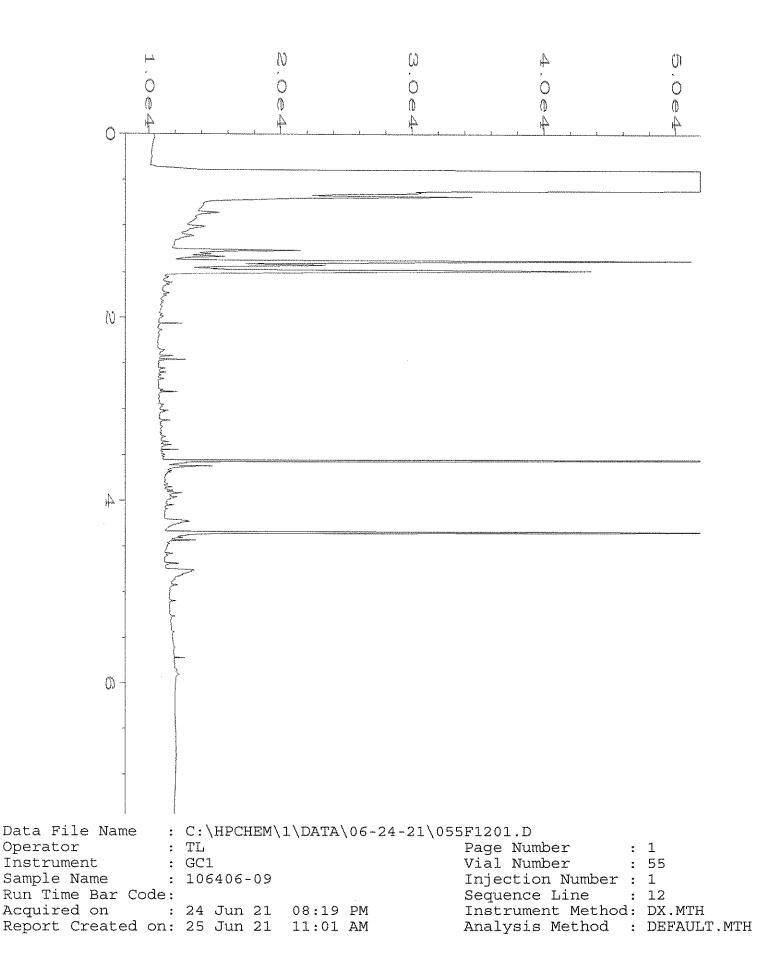


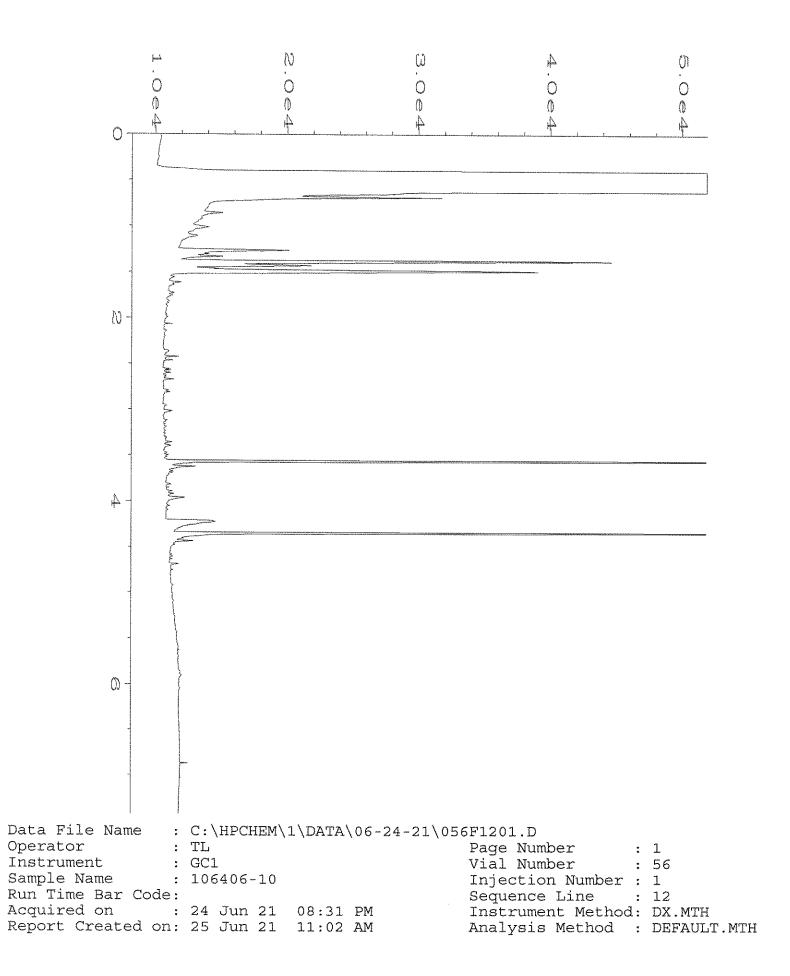


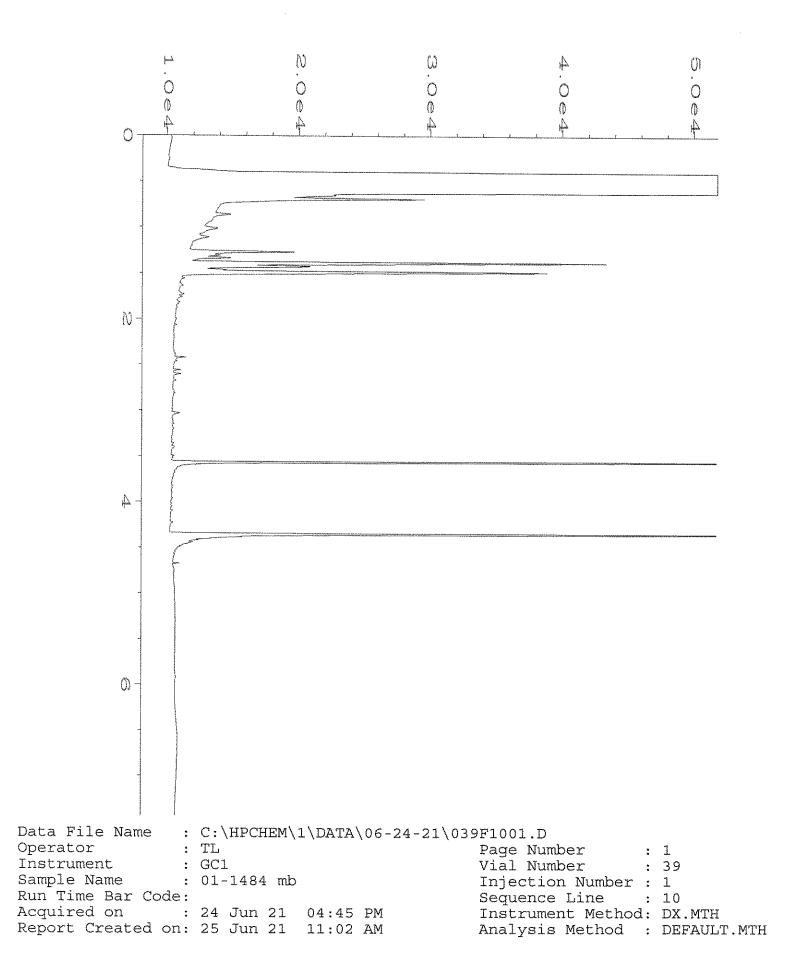


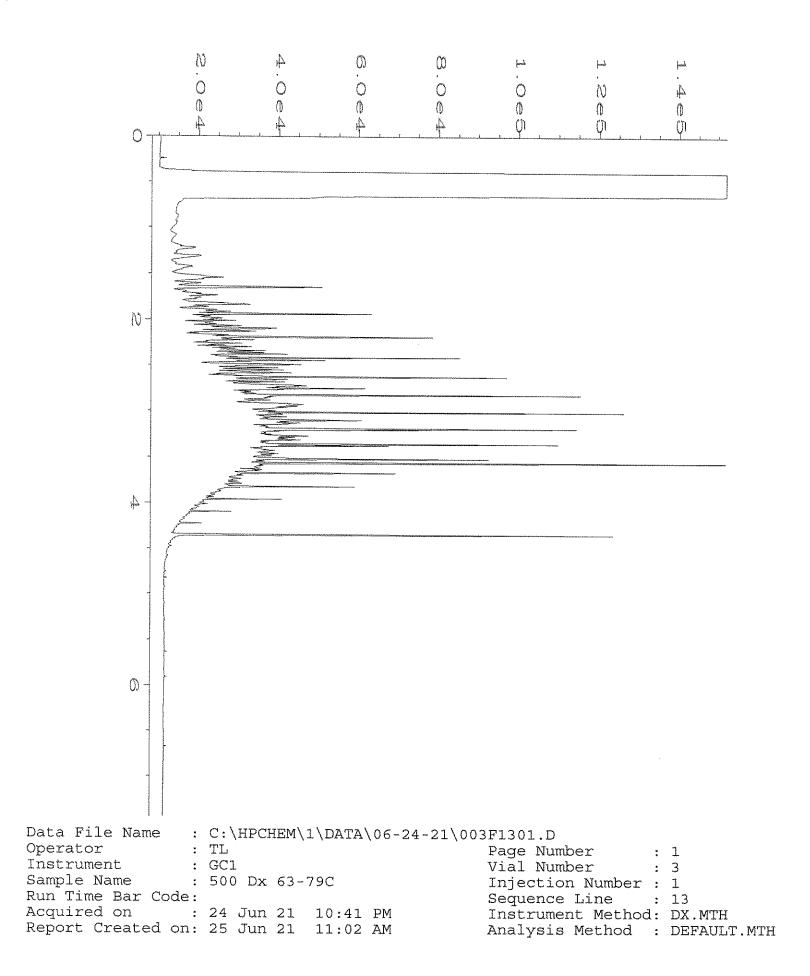












ATTACHMENT C DATA VALIDATION MEMORANDUM



DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 0747.01.12 | JULY 7, 2021 | VSF PROPERTIES, LLC

Maul Foster & Alongi, Inc. (MFA) conducted an independent review of the quality of analytical results for groundwater samples collected at the North Cascade Ford property located at 116 W Ferry Street in Sedro-Woolley, Washington. The samples were collected on June 22, 2021.

Friedman & Bruya, Inc. (FBI), performed the analyses. FBI report number 106406 was reviewed. The analyses performed and samples analyzed are listed below.

| Analysis | Reference |
|---|-----------|
| BTEX compounds | EPA 8021B |
| Diesel- and motor oil-range hydrocarbons | NWTPH-Dx |
| Gasoline-range hydrocarbons | NWTPH-Gx |
| Semivolatile organic compounds | EPA 8270E |
| NOTES: BTEX = benzene, toluene, ethylbenzene, xylenes. EPA = U.S. Environmental Protection Agency. NWTPH = Northwest Total Petroleum Hydrocarbons. | |

| Samples Analyzed | | | | | | | |
|------------------|----------------|----------------|--|--|--|--|--|
| Report 106406 | | | | | | | |
| MW01R-GW-062221 | MW06-GW-062221 | MW11-GW-062221 | | | | | |
| MW02R-GW-062221 | MW07-GW-062221 | MW12-GW-062221 | | | | | |
| MWDUP-GW-062221 | MW09-GW-062221 | Trip Blank | | | | | |
| MW04-GW-062221 | MW10-GW-062221 | | | | | | |

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of EPA procedures (EPA, 2017) and appropriate laboratory and method-specific guidelines (EPA, 1986; FBI, 2019).

Data validation procedures were modified, as appropriate, to accommodate quality-control requirements for methods not specifically addressed by the EPA procedures (e.g., NWTPH-Dx).

According to report 106406, FBI noted that all detected NWTPH-Dx diesel- and motor oilrange hydrocarbon results had chromatographic patterns that did not resemble the fuel standards used for quantitation. The results were reported as diesel- and motor oil-range hydrocarbons; thus, qualification was not required. The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the method blanks were associated with all samples prepared in the analytical batch.

All laboratory method blank results were non-detect to reporting limits.

Trip Blanks

A trip blank sample was submitted for EPA Method 8021B analysis with the sample delivery group for report 106406. The trip blank sample results were non-detect to reporting limits.

Equipment Rinsate Blanks

Equipment rinsate blanks were not required for this sampling event, as all samples were collected using dedicated, single-use equipment.

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples.

All surrogate recoveries were within acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

Matrix spike/matrix spike duplicate (MS/MSD) results are used to evaluate laboratory precision and accuracy.

MS/MSD results were not provided in report 106406; batch precision and accuracy were evaluated with laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) results. No action was required by the reviewer.

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. All duplicate samples were extracted and analyzed at the required frequency.

Laboratory duplicate results were not provided in report 106406 for NWTPH-Dx and EPA Method 8270E; precision was evaluated through LCS/LCSD results. No action was required by the reviewer.

All laboratory duplicates were within acceptance limits for relative percent difference (RPD).

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS

An LCS/LCSD is spiked with target analytes to provide information on laboratory precision and accuracy. The LCS/LCSD samples were extracted and analyzed at the required frequency.

LCSD results were not provided in report 106406 for NWTPH-Gx and EPA Method 8021B; precision was evaluated through laboratory duplicate results. No action was required by the reviewer.

All LCS/LCSD results were within acceptance limits for percent recovery and RPD.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. One field duplicate was submitted for analysis (MW02R-GW-062221 / MWDUP-GW-062221). MFA uses acceptance criteria of 100 percent RPD for results that are less than five times the reporting limit, or 50 percent RPD for results that are greater than five times the reporting limit. Non-detect data are not used in the evaluation of field duplicate results. All analytes were within the acceptance criteria.

REPORTING LIMITS

FBI used routine reporting limits for non-detect results.

DATA PACKAGE

The data packages were reviewed for transcription errors, omissions, and anomalies. None were found.

EPA. 1986. Test methods for evaluating solid waste, physical/chemical methods. EPA publication SW-846. 3d ed. U.S. Environmental Protection Agency. Final updates I (1993), II (1995), IIA (1994), IIB (1995), III (1997), IIIA (1999), IIIB (2005), IV (2008), V (2015), VI phase I (2017), VI phase II (2018), and VI phase III (2019).

EPA. 2016. EPA contract laboratory program, national functional guidelines for high resolution Superfund methods data review. EPA 542-B-16-001. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. April.

EPA. 2017. EPA contract laboratory program, national functional guidelines for Superfund organic methods data review. EPA 540-R-2017-002. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. January.

FBI. 2019. Quality assurance manual. Revision 17. Friedman & Bruya, Inc. Seattle, Washington. November 6.