

February 21, 2025

Patrick Woodruff HU Bellevue Primary GL, LLC 10885 Northeast 4th Street, Suite 320 Bellevue, Washington 98004

#### RE: SUBSURFACE INVESTIGATION AND INTERIM ACTION SUMMARY MAIN STREET PLACE 103 110<sup>th</sup> AVENUE NORTHEAST BELLEVUE, WASHINGTON FARALLON PN: 0691-023.000

Dear Patrick Woodruff:

Farallon Consulting, L.L.C. (Farallon) has prepared this letter report to provide a summary of subsurface investigations conducted on behalf of HU Bellevue Primary GL, LLC, which is managed by Hines Interests Limited Partnership (Hines), and independent interim actions conducted to date at the Main Street Place property at 103 110<sup>th</sup> Avenue Northeast in Bellevue, Washington (herein referred to as the Property) (Figures 1 and 2). The purpose of the subsurface investigations was to evaluate suspected and confirmed releases of hazardous substances from current and/or historical operations at and migrating from the Property, and potential migration of hazardous substances released from adjacent properties onto the Property. The purpose of the independent interim actions conducted to date was to conduct limited source removal of halogenated volatile organic compound (HVOC)-impacted soil, and to conduct remediation of a former leaking underground storage tank (UST).

#### **PROPERTY DESCRIPTION**

The Property consists of King County Tax Parcel Nos. 322505-9057, 322505-9210, M322505-9091, and 322505-9020, which total 6.82 acres of land developed with a 44,999-square-foot retail building constructed in 1968 (Former Toys "R" Us Building); a 73,383-square-foot retail building constructed in 1994 (HMart, PetSmart, and Office Depot Building), and 1,604-square-foot restaurant building constructed in 1994 (Bagel Shop Building). Remaining areas of the Property consist of paved parking and landscaped areas. Access to the Property is gained from Northeast 2<sup>nd</sup> Street north of the Property, 110<sup>th</sup> Avenue Northeast east of the Property, Main Street south of the Property, and 108<sup>th</sup> Avenue Northeast west of the Property.



The Property appeared in a 1937 aerial photograph to be largely used for agricultural purposes, with residences located on the northwestern and southeastern corners. Two buildings north-centrally located on the Property and likely used for agricultural purposes were apparent in 1937 and removed by 1954. By 1968, aerial photographs depict the residences had been removed, and the Property appeared to be developed with two large commercial buildings along the Property's northern boundary, paved parking lots, and a gasoline service station on the southwestern corner of the Property. The commercial buildings appeared to be divided into multiple tenant spaces. By 2002, aerial photographs depict the gasoline service station had been replaced with a restaurant, and the westernmost commercial building expanded toward the Property's western boundary. The Property layout has appeared largely unchanged from 2002 to the present.

## PREVIOUS ENVIRONMENTAL INVESTIGATIONS AND INTERIM ACTIONS AT THE PROPERTY

The 2020 Phase I Report<sup>1</sup> prepared by Farallon identified known and potential releases of hazardous substances associated with historical operations on the Property, and potential migration of hazardous substances to the Property released from current and former operations on nearby properties.

Technical assistance and opinion letters provided by the Washington State Department of Ecology's (Ecology) Voluntary Cleanup Program, summarized in the 2020 Phase I Report, include numerous reports documenting multiple phases of independent remedial investigation and interim cleanup actions conducted at the Property. These independent remedial activities conducted by others from 1990 through 2012 confirmed a release of the dry cleaning solvent tetrachloroethene (PCE) to soil gas, soil, and groundwater from historical dry cleaning operations at the Property. A release of petroleum hydrocarbons to soil from the historical operation of a gasoline service station on the southwestern portion of the Property also was confirmed.

Ecology issued an Early Notice Letter to the owner of the north-adjacent property, a mixeduse residential-retail development known as the Evergreen Plaza, in 2018.<sup>2</sup> Ecology issued the Early Notice Letter based on the confirmed continuing release of total petroleum

<sup>&</sup>lt;sup>1</sup> Farallon. 2020. *Phase I Environmental Site Assessment Report, Main Street Place, 103 110<sup>th</sup> Avenue Northeast, Bellevue, Washington.* Prepared for Hines Interests Limited Partnership. October 12. (2020 Phase I Report)

<sup>&</sup>lt;sup>2</sup> Ecology. 2018. Letter Regarding Early Notice Letter: Facility Site # 80992, Evergreen Plaza, 10827-10961 NE 2<sup>nd</sup> Pl, Bellevue, Washington. To Evergreen Point Development, LLC. From Loise Bardy, Toxics Cleanup Program, Department of Ecology. April 3. (Early Notice Letter)



hydrocarbons (TPH) as diesel-range organics (DRO) to soil that remained following an independent interim action that was conducted during redevelopment of the Evergreen Plaza property in 2016. The interim action was conducted during the decommissioning and removal of three residential heating-oil USTs that were present at the property. The USTs and impacted soil were encountered when the property was excavated to depths of 36 to 37 feet below the adjacent street grade to construct an underground parking structure in 2016. DRO and TPH as oil-range organics (ORO) were detected at concentrations exceeding cleanup levels in soil samples collected proximate to the locations of the USTs. A total of 2,990 tons of petroleum-impacted soil was removed and transported for off-site disposal. Residual soil contamination was documented in the south sidewall of the remedial excavation adjacent to Northeast 2<sup>nd</sup> Street, with DRO detected at a concentration of 11,000 milligrams per kilogram (mg/kg) at a depth of 15 feet below ground surface (bgs), which exceeds the Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A cleanup level of 2,000 mg/kg.

# 1990 GASOLINE STATION UST INDEPENDENT INTERIM ACTION

A former Leaking UST was identified on the southwestern portion of the Property, identified as LUST ID No. 2608. A 1990 report prepared by EA Engineering, Science, and Technology, Northwest Operations (EA) (1990 EA Report), summarized the characterization and remediation of petroleum-contaminated soil from releases associated with the historical operation of the gasoline service station on the southwestern portion of the Property<sup>3</sup>. According to the EA 1990 Report, all USTs associated with the gasoline service station were permanently decommissioned by removal and approximately 1,000 cubic yards of petroleum-contaminated soil was excavated and independently remediated by soil aeration and compliance sampling on the Property between July and October 1990. Remediated soil containing residual concentrations reportedly less than regulatory cleanup levels in effect at the time of decommissioning was used to backfill the UST excavations. Following completion of the excavations, three deep borings were advanced by EA to a depth of 48 feet bgs on the northwestern, southwestern, and southeastern portions of the former gasoline service station area. Soil samples collected from the deep borings were reported non-detect at the laboratory practical quantitation limits (PQLs) for petroleum hydrocarbons. Groundwater was not encountered to the total depth drilled of 50 feet bgs. In January 2012, Ecology issued an opinion on the sufficiency of the cleanup, stating that no further remedial action was

<sup>&</sup>lt;sup>3</sup> EA. 1990. *Report of Investigation, Chevron SS9-2581, Bellevue, Washington*. Prepared for Chevron USA Inc. October 31. (1990 EA Report)



required for this release from LUST No. 2608 located on the southwestern portion of the Property.<sup>4</sup>

#### 1994 TO 1995 SUBSURFACE INVESTIGATIONS AND INDEPENDENT INTERIM ACTION

The 1997 Revised Remedial Investigation/Feasibility Study (1997 Revised RI/FS Report<sup>5</sup> prepared by Kennedy/Jenks Consultants summarized an independent interim action cleanup performed at the Property in 1994 and remedial investigation (RI) activities performed through November 1995. According to the 1997 Revised RI/FS Report, a release of PCE to soil was first discovered during construction redevelopment activities on the northwestern portion of the Property proximate to the former dry cleaner area in June 1994. The 1997 Revised RI/FS Report attributed the source of PCE to releases associated with the historical operation of a dry cleaner on the northwestern portion of the Property.

According to the 1997 Revised RI/FS Report, approximately 2,140 cubic yards of PCEimpacted soil proximate to the former dry cleaner area was excavated to a depth of approximately 15 feet bgs in August 1994 (Figure 2). PCE concentrations less than the MTCA Method B cleanup level of 19.6 mg/kg in effect at the time were detected in the performance soil samples collected at the final limits of the excavation. The excavation was backfilled to surface grade. PCE concentrations exceeding the MTCA Method A cleanup level of 0.5 mg/kg in effect at the time were detected in soil samples subsequently collected from borings advanced proximate to the excavation area on the northwestern portion of the Property to a depth of 77 feet bgs. PCE also was detected at concentrations exceeding MTCA Method A or Standard Method B cleanup levels in a series of borings advanced proximate to a storm sewer manhole southeast of the former dry cleaner location. Elevated concentrations of PCE were detected also in soil gas samples collected proximate to the former dry cleaner area and the storm sewer manhole area at the Property during a soil gas survey. These data indicated another PCE source area proximate to the storm sewer manhole on the southern portion of the Property associated with suspected releases from former dry cleaner operations.

<sup>&</sup>lt;sup>4</sup> Ecology. 2012. Letter Regarding No Further Action (NFA) Determination associated with Leaking Underground Storage Tank (LUST) Site:, Site Name: Chevron 92581, Property Address: 10812 Main St, Bellevue, Washington. To Property Owner, Chevron 92581. From Russell Olsen, Toxics Cleanup Program, Department of Ecology. January 12.

<sup>&</sup>lt;sup>5</sup> Kennedy/Jenks Consultants. 1997. *Remedial Investigation/Feasibility Study Report, The Shops at First Street Project Site, Bellevue, Washington*. Prepared for Benenson Bellevue II, L.P. November 1994 (Revised July 1997). (1997 Revised RI/FS Report)



#### 1996 TO 2009 SUBSURFACE INVESTIGATIONS AND INDEPENDENT INTERIM ACTION

The 2004 Cleanup Action Report (2004 CAR) <sup>6</sup> prepared by Floyd Snider McCarthy, Inc. summarized additional characterization and independent interim action cleanup activities performed at the Property through 2004. The characterization activities included installation and sampling of a series of groundwater monitoring wells at the Property. Interim action cleanup activities performed proximate to the storm sewer manhole on the southern portion of the Property included (1) a soil vapor extraction (SVE) system comprised of a single shallow SVE well operated from 1996 to 2000, and (2) a localized source removal excavation of approximately 350 cubic yards of PCE-contaminated soil to a depth of 20 feet bgs conducted in 2003 (Figure 2). Residual PCE contamination exceeding MTCA Method A cleanup levels was left in-place at the final limits of the excavation proximate to the storm sewer manhole area. Concentrations of PCE exceeding MTCA Method A cleanup levels were detected in deeper soil and groundwater samples collected from the monitoring wells installed down-gradient of the former dry cleaner area and proximate to the storm sewer manhole at the Property. PCE at concentrations exceeding the MTCA Method A cleanup level was confirmed in groundwater samples collected from monitoring wells MW-2 through MW-5. PCE was reported non-detect at the laboratory PQL in groundwater samples collected from monitoring well MW-1, located on the eastern portion of the Property, up-gradient of the confirmed source areas. These data confirmed the release of PCE from sources on the Property and migration of PCE to the deep groundwater-bearing zone at a depth of approximately 100 feet bgs.

Additional monitoring wells MW-6 and MW-7 were installed at the Property in 2005 to evaluate groundwater conditions in the deeper portion of the groundwater-bearing zone at a depth of approximately 150 feet bgs. PCE was reported non-detect in the initial groundwater samples collected from the two deep wells. Additional groundwater monitoring events performed between 2005 and 2009 indicated consistent PCE concentrations exceeding the MTCA Method A cleanup level in groundwater samples collected from monitoring wells MW-2 through MW-5 at the Property.

#### 2019 TO 2020 SUBSURFACE INVESTIGATIONS

Farallon conducted a groundwater monitoring event in November 2019, which included measuring depth to groundwater and collecting groundwater samples from monitoring wells

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<sup>&</sup>lt;sup>6</sup> Floyd Snider McCarthy, Inc. 2004. *Shops at First Street Cleanup Action Report,* Prepared for Benenson Bellevue Associates II. April 1. (2004 CAR)



MW-1 through MW-7 at the Property (Figure 2). Groundwater was encountered at depths of approximately 95 to 105 feet bgs; the calculated groundwater flow direction was south, consistent with prior groundwater monitoring events conducted at the Property. PCE was detected at concentrations exceeding the MTCA Method A cleanup level in groundwater samples collected from monitoring wells MW-2 through MW-5 and MW-7, located proximate to or down-gradient of the confirmed source areas associated with the former dry cleaner operations at the Property. In addition, soil samples were collected from geotechnical borings HC-1 through HC-3 advanced to a depth of approximately 80 feet bgs on the northern and central portions of the Property in October and November 2019 (Figure 2). PCE was detected at concentrations less than the regulatory cleanup level in soil samples collected at depths ranging from 30 to 40 feet bgs in boring HC-3 advanced in the southwestern portion of the Property. PCE was reported non-detect at the laboratory PQL in the soil samples collected from borings HC-1 and HC-2 advanced on the northern portion of the Property.

Farallon conducted a passive soil gas survey at the Property in June 2020 to assess shallow soil gas conditions proximate to the former dry cleaners and storm sewer manhole. PCE was detected at concentrations exceeding MTCA screening levels<sup>7</sup> for shallow soil gas proximate to the confirmed source areas at the Property, including the former dry cleaner area and storm sewer manhole area. Trichloroethene (TCE) was detected at concentrations exceeding MTCA screening levels for shallow soil gas proximate to the former dry cleaner area. Four localized benzene anomalies with concentrations exceeding the MTCA screening level for shallow soil gas were detected on the southern portion of the Property.

# **REGULATORY STATUS**

The Site constitutes a facility under RCW 70A.305.020(8). The Site is defined by where a hazardous substance, other than a consumer product in consumer use, has been deposited, stored, disposed of, or placed, or otherwise come to be located. Based upon factors currently known to Ecology, the Site is generally located in the vicinity of 103 – 110th Avenue NE, Bellevue, Washington.

According to the Ecology public cleanup and tank search database, the Property was enrolled in the Ecology Voluntary Cleanup Program in 1999 by Kennedy/Jenks Consultants

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<sup>&</sup>lt;sup>7</sup> Ecology. 2022. Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action. Publication No. 09-09-047. March.



on behalf of Benenson Bellevue II, L.P.<sup>8</sup> The Property was removed from the Voluntary Cleanup Program after 2007<sup>9</sup>. As of the date of this report, the Property is listed on the Contaminated Sites List as Benenson Capital, Cleanup Site ID 4179, with the status of Cleanup Started. Based on the prior investigations, the Property is likely a portion of the Site. It is anticipated that the Site will be referred to as Main Street Place moving forward. An Assistant Attorney General and Ecology Cleanup Site Manager were assigned to the Site in August 2024. Negotiations with Ecology for an Agreed Order for the Site started in 2023 and are ongoing.

# GEOLOGY AND HYDROGEOLOGY

The Property is located in southern downtown Bellevue, Washington, in the eastern Puget Lowland region. The Puget Sound region is underlain by Quaternary sediments deposited by a number of glacial episodes. Deposition occurred during a number of glacial advances and retreats that created the existing subsurface conditions. The regional sediments consist primarily of interlayered and/or sequential deposits of alluvial clays, silts, and sands that typically are situated over deposits of glacial till that consist of silty sand to sandy silt with gravel. Outwash sediments consisting of sands, silts, clays, and gravels were deposited by rivers, streams, and post-glacial lakes during the glacial retreats. With the exception of the most-recent recessional deposits, the outwash sediments have been over-consolidated by the overriding ice sheets.

Farallon observed and logged soil conditions encountered during the subsurface investigation. Boring logs are provided in Attachment A. The general stratigraphy of the Property consists of sand with silt or gravel with interbedded silty sand to depths of approximately 60 to 110 feet bgs, underlain by sand with intermittent interbedded layers of silty sand or silt to a maximum explored depth of approximately 160 feet bgs.

Groundwater was encountered at an average depth of approximately 102 feet bgs in monitoring wells advanced at the Property (Figure 3). Groundwater was measured at depths ranging from 94.5 to 108.7 feet bgs in monitoring wells MW-1 through MW-7 and FMW-8

<sup>&</sup>lt;sup>8</sup> Kennedy/Jenks. 1999. Letter regarding Request for Assistance – Voluntary Cleanup Program, The Shops at First Street Project Site, 108<sup>th</sup> Avenue N.E. and Main Street, Bellevue, Washington. To John Lillie, Voluntary Cleanup Program, Department of Ecology. From John Norris, Kennedy/Jenks. October 11.

<sup>&</sup>lt;sup>9</sup> Ecology. 2007. Letter regarding Determination Status for the following Hazardous Waste Site Enrolled in the Voluntary Cleanup Program, Site Name: CHEVRON STA 9-2581 – BENENSON SHOPS AT FIRST STREET: Site Address: 110 108<sup>th</sup> AVE NE BELLEVUE WA, Facility/Site No.: 50534232; VCP No.: NW0344. To Brett Hunter, Chevron EMC. From Nnamdi Madakor, VCP Coordinator, Department of Ecology. March 14.



through FMW-16 at the Property during a groundwater monitoring event conducted in August 2021 (Table 1). Synoptic depth-to-groundwater measurements from the monitoring wells on the Property and corresponding calculated groundwater elevations are provided in Table 1. Based on groundwater contours developed using the synoptic measurements collected during the August 2021 monitoring event, the interpreted groundwater flow direction beneath the Property is generally south (Figure 4).

# POST-2019 SUBSURFACE INVESTIGATION AND CURRENT INDEPENDENT INTERIM ACTION

Based on the results from previous investigations at and adjacent to the Property and the recognized environmental condition identified during the 2020 Phase I ESA, the constituents of potential concern (COPCs) identified for the subsurface investigation were TPH as gasoline-range organics (GRO); DRO; ORO; benzene, toluene, ethylbenzene, and total xylenes (BTEX); metals; and HVOCs.

Boring locations associated with these investigations are shown on Figure 3. Copies of boring logs are provided in Attachment A and laboratory analytical reports are provided in Attachment B.

The subsurface investigation included the following:

- Preparation and periodic updates of a Property-specific Health and Safety Plan as required by Part 1910 of Title 29 of the Code of Federal Regulations and Chapter 296-62 of the Washington Administrative Code (WAC 296-62);
- Use of public and private utility locating services to clear proposed boring, monitoring well, and soil gas point locations, and to provide additional information pertaining to the locations of subsurface utilities at the Property;
- Installation of subslab soil gas points SG-1 through SG-3 and SG-8 through SG-19 inside the HMart, PetSmart, and Office Depot Building, and exterior soil gas points SG-4 through SG-7 to evaluate the potential presence of a shallow source of HVOCs and/or TPH associated with historical operations at the Property, and to evaluate soil gas concentrations relative to the *Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action* dated March 2022, prepared by Ecology, for evaluating potential soil vapor intrusion to indoor air;
- Installation and operation of an eight-sump subslab depressurization system (SSDS) (SSDS-1 through SSDS-8) inside the HMart and PetSmart Building to mitigate potential vapor intrusion of HVOCs, and installation of soil gas points SG-8 through



SG-19 to further evaluate HVOCs in soil gas beneath the HMart and PetSmart Building during SSDS operation;

- Advancement of deep borings FB-1 through FB-8, FB-17, and FB-18 using a sonic rotary or hollow-stem auger drill rig to a maximum depth of 75 feet bgs for collection of soil samples;
- Advancement of shallow borings FB-9 through FB-16 using a direct-push drill rig to a maximum depth of 18 feet for collection of soil samples;
- Advancement of shallow interior borings FB-19 through FB-22 using a hollow-stem auger drill rig to a maximum depth of 20 feet bgs for collection of soil samples inside the Former Toys "R" Us Building;
- Installation of groundwater monitoring wells FMW-8 through FMW-17 for collection of representative groundwater samples and evaluation of groundwater flow direction and gradient at the Property;
- Development and professional surveying of groundwater monitoring wells FMW-8 through FMW-17; and
- Gauging and sampling of all groundwater monitoring wells on the Property, consisting of existing wells MW-1 through MW-7 and newly installed wells FMW-8 through FMW-17.

Farallon subcontracted Anderson Environmental Consulting of Kelso, Washington (AEC) and Cascade Drilling of Bothell, Washington (Cascade) to advance borings and install groundwater monitoring wells. Farallon and AEC mobilized to the Property from July 26 through August 23, 2021 to advance borings FB-2, FB-3, and FB-5 through FB-8, and to advance and install groundwater monitoring wells FMW-8 through FMW-16 using a sonic rotary drill rig. Farallon installed subslab soil gas points SG-1 through SG-3 on July 28, 2021. AEC mobilized an additional direct-push drill rig on August 4, 2021 to advance shallow borings FB-9 through FB-16 and install soil gas points SG-4 through SG-7. AEC mobilized an additional sonic rotary drill rig on March 16 and 17, 2022 to advance deep borings FB-17 and FB-18, completing boring FB-17 and monitoring well FMW-17. Cascade mobilized on August 12 and 13, 2021 to advance borings FB-1 and FB-4 using a hollow-stem auger drill rig. Cascade mobilized an additional hollow-stem auger drill rig on February 17 and 18, 2022 to advance shallow interior borings FB-19 through FB-22. The boring, monitoring well, and soil gas point locations are shown on Figures 2 and 3.



Soil from each boring and monitoring well location was logged and sampled according to the procedures discussed below. Monitoring wells were installed in accordance with Minimum Standards for Construction and Maintenance of Wells as established in WAC 173-160, and as discussed below.

#### SOIL GAS POINT INSTALLATION AND SAMPLING

Seven discrete soil gas samples were collected from soil gas points SG-1 through SG-7 on August 11, 2021 to evaluate analyte concentrations in soil gas relative to the Soil Vapor Intrusion Guidance<sup>10</sup> prepared by Ecology (Figure 3). Three additional discrete soil gas samples were collected from soil gas points SG-8 and SG-9 on March 22, 2022, and from SG-11 on March 24, 2022.

Farallon installed Vapor Pin subslab soil gas points SG-1 through SG-3 through the concrete slab of the HMart, PetSmart, and Office Depot Building on July 28, 2021 using a rotohammer and Vapor Pin installation tools (Figure 3). AEC installed permanent exterior soil gas points SG-4 through SG-7 on August 4, 2021 using a direct-push drill rig. Soil gas points SG-4 through SG-6 were installed to a depth of 10 feet bgs, and soil gas point SG-7 to a depth of 5 feet bgs; all were completed with a 6-inch stainless steel screen and sand pack and overlying 0.25-inch Teflon tubing and bentonite seal, and were completed at the surface with a traffic-rated flush-mounted steel monument. Farallon installed additional Vapor Pin subslab soil gas points SG-8 through SG-13 through the concrete slab of the HMart and PetSmart Building in March 2022, concurrent with installation of an SSDS.

The discrete soil gas samples were collected in accordance with Farallon's standard operating procedures for soil gas sampling, which have been approved by Ecology for use at other sites. Each soil gas sample was collected in a 1-liter Summa canister fitted with a 200-milliliter-per-minute valve. Prior to collection of the soil gas samples, approximately three system volumes of soil gas were purged using a miniature air pump at the desired sampling rate to ensure that soil gas was being drawn from the subsurface. The discrete soil gas samples were collected within a temporary helium-filled shroud to prevent sample contamination from ambient conditions. Farallon performed a real-time helium leak test prior to sample collection to ensure the integrity of the sample.

<sup>&</sup>lt;sup>10</sup> Ecology. 2022. Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action. Publication No. 09-09-047. March.



Soil gas samples collected from SG-1 through SG-13 were submitted under standard chainof-custody protocols to Friedman & Bruya, Inc. of Seattle, Washington for analysis for air-phase hydrocarbons (APH), BTEX, total naphthalenes, and/or HVOCs by U.S. Environmental Protection Agency (EPA) Method TO-15.

#### BORING ADVANCEMENT

A Farallon Geologist observed and logged subsurface conditions and retained soil samples from selected intervals based on field indications of potential contamination for laboratory analysis. The information recorded for each boring log included soil types encountered, visual and olfactory observations (e.g., staining, odor, and sheen), and volatile organic vapor concentrations as measured using a photoionization detector.

Soil samples were collected and transferred directly into laboratory-prepared glass sample containers. Volatile organic compound (VOC) samples were fitted with a Teflon-lined lid in accordance with EPA Method 5035A for sampling VOCs. Soil samples collected from the borings were placed on ice in a cooler under standard chain-of-custody procedures and delivered to OnSite Environmental Inc. of Redmond, Washington (OnSite) for analysis for one or more of the following: GRO by Northwest Method NWTPH-Gx; DRO and ORO by Northwest Method NWTPH-Dx; BTEX and HVOCs by EPA Method 8260D; and Resource Conservation and Recovery Act metals including arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver by EPA Method 6010D/7471B.

# MONITORING WELL INSTALLATION AND DEVELOPMENT

Monitoring wells FMW-8 through FMW-17 were constructed in accordance with the Minimum Standards for Construction and Maintenance of Wells as established in WAC 173-160. The monitoring wells were constructed using 2-inch-diameter Schedule 40 polyvinyl chloride casing and 0.010-inch slotted screens. Monitoring well FMW-8 was screened at a depth between 100 and 120 feet bgs, monitoring wells FMW-9 through FMW-15 between 95 and 115 feet bgs, monitoring well FMW-16 between 150 and 160 feet bgs, and monitoring well FMW-17 between 105 and 125 feet bgs (Table 1). The borehole annulus surrounding each well screen was filled with a filter pack consisting of clean 10/20 sand placed from the base of the screen to approximately 1 to 2 feet above the screened interval. A bentonite seal was placed from the top of the sand filter pack to a depth of approximately 2 feet bgs. A 1.5- to 2-foot-thick concrete seal was placed around the monitoring well from the top of the spread around the monitoring well from the top of the spread around the monitoring well from the top of the spread around the monitoring well from the top of the spread around the monitoring well from the top of the bentonite to a depth of approximately 1 foot bgs. Each monitoring well was completed at grade with a traffic-rated flush-mounted steel monument.



Monitoring wells were developed using a downhole pump and/or disposable bailer to surge and purge each well until the water purged from the well appeared clear. If a well was purged dry, it was allowed to recharge, and the surging and purging process was repeated. Following installation and development, the location and elevation of each monitoring well was surveyed by Apex Engineering of Tacoma, Washington.

# **GROUNDWATER MONITORING EVENTS**

Farallon conducted multiple groundwater monitoring events consisting of measuring groundwater elevations and collecting groundwater samples from monitoring wells installed at the Property. Prior to each groundwater monitoring event, the monitoring wells were opened, and groundwater levels were permitted to equilibrate with atmospheric pressure before groundwater level measurements were obtained. The depth to groundwater was measured in all monitoring wells on August 27, 2021; April 26, 2022; and January 23, 2023 to record measurements for calculating groundwater elevation and flow direction (Table 1, Figures 4a and 4b).

# 2019 Groundwater Monitoring

Farallon collected groundwater samples from monitoring wells MW-1 through MW-7 on November 6, 2019. The well purging and sampling was performed in accordance with EPA low-flow sampling protocols.

The well purging and sampling was performed using a bladder pump and dedicated tubing at a flow rate of 50 to 150 milliliters per minute. The pump intake was placed at the approximate middle portion of the water column in each monitoring well. Water quality was monitored during purging using a water-quality meter equipped with a flow-through cell. The water-quality parameters monitored and recorded were temperature, pH, specific conductance, oxidation-reduction potential, turbidity, and dissolved oxygen. Following purging, groundwater samples were collected directly from the pump outlet tubing upstream of the flow-through cell, and were placed into laboratory-prepared sample containers. Groundwater samples collected were placed on ice in a cooler under standard chain-ofcustody procedures and delivered to OnSite for analysis for HVOCs by EPA Method 8260D.

# 2021 Groundwater Monitoring

Monitoring wells MW-1 through MW-7 and FMW-8 through FMW-16 were sampled between August 24 and August 27, 2021, and monitoring well MW-1 was sampled on September 16, 2021, using standard low-flow sampling protocols. Monitoring wells MW-4 and FMW-11



were sampled on September 2, 2021, using a disposable bailer to obtain additional data for quality assurance. Groundwater samples collected were placed on ice in a cooler under standard chain-of-custody procedures and delivered to OnSite for analysis for GRO by Northwest Method NWTPH-Gx, DRO and ORO by Northwest Method NWTPH-Dx, and BTEX and HVOCs by EPA Method 8260D.

## 2022 Groundwater Monitoring

Monitoring wells MW-1 through MW-7 and FMW-8 through FMW-17 were sampled between April 26 and 28, 2022, using standard low-flow sampling protocols. Groundwater samples collected were placed on ice in a cooler under standard chain-of-custody procedures and delivered to OnSite for analysis for GRO by Northwest Method NWTPH-Gx, DRO and ORO by Northwest Method NWTPH-Dx, and HVOCs by EPA Method 8260D.

## 2023 Groundwater Monitoring

Monitoring wells MW-4, MW-7, FMW-11, and FMW-17 were sampled on January 23 and 24, 2023. Groundwater samples collected were placed on ice in a cooler under standard chainof-custody procedures and delivered to OnSite for analysis for GRO by Northwest Method NWTPH-Gx, DRO and ORO by Northwest Method NWTPH-Dx, and BTEX and HVOCs by EPA Method 8260D.

# SUBSLAB DEPRESSURIZATION SYSTEM INTERIM ACTION

Based on the results of October 2021 subslab soil gas sampling within the HMart and PetSmart Building, an SSDS was designed and installed within the building as an independent interim remedial action to mitigate the risk of vapor intrusion to current commercial occupants.

An initial SSDS sump (SSDS-1) was installed in the HMart tenant space adjacent to soil gas point SG-2 and a pilot test was conducted in March 2022. Based on the results of the pilot test, Farallon designed a six-sump SSDS (SSDS-1 through SSDS-6; Figures 5 and 6), which was installed in January 2023 within the HMart tenant space. Based on performance monitoring conducted on the SSDS, two additional sumps (SSDS-7 and SSDS-8; Figures 5 and 6) were installed within the PetSmart tenant space in November and December 2023. The as-built drawings for the SSDS are provided as Attachment C.



#### INVESTIGATION-DERIVED WASTE

Soil cuttings generated during the subsurface investigation were temporarily stored in two 20-yard roll-off containers or in 55-gallon steel drums on the Property pending profiling for off-Property disposal. Investigation-derived soil cuttings were transported from the Property following each phase of subsurface investigation to a licensed disposal facility.

Decontamination water, monitoring well purge water, and other wastewater generated during the subsurface investigation were temporarily stored in seven labeled 55-gallon steel drums on the Property pending profiling for off-Property disposal. Investigation-derived wastewater was transported from the Property following each phase of subsurface investigation to a licensed disposal facility.

# POST-2019 SUBSURFACE INVESTIGATION RESULTS

A summary of the results from the post-2019 subsurface investigations is presented below. Figures 5 through 10 depict soil gas, soil, and groundwater sampling results. Figures 11 through 13 present cross-sectional views of selected portions of the Property. Soil gas, soil, and groundwater sampling analytical results are provided in Tables 2 through 8. Boring and well logs are provided in Attachment A. The complete laboratory analytical reports for soil gas, soil, and groundwater samples are provided in Attachment B.

#### SOIL GAS SAMPLING RESULTS

The predominant analytes detected in soil gas samples submitted for analysis were HVOCs across the western half of the Property, and APH and VOCs associated with TPH on the southern and western portions of the Property.

TPH was detected at concentrations exceeding the residential MTCA Method B subslab soil gas screening level<sup>11</sup> and less than the commercial MTCA Method B subslab soil gas screening level in soil gas samples collected from sample locations SG-2, SG-4 through SG-8, and SG-11, (Figure 5; Table 2) <sup>12</sup>. TPH was detected at concentrations less than

<sup>&</sup>lt;sup>11</sup> Ecology. 2022. Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action. March.

<sup>&</sup>lt;sup>12</sup> Ecology. 2023. Washington State Model Toxics Control Act Cleanup Regulation Cleanup Levels and Risk Calculations, Standard Method B Values for Subslab Soil Gas Screening Level and Screening Level for Commercial Worker, dated January 2023, https://ecology.wa.gov/Regulations-Permits/Guidance-technicalassistance/Contamination-clean-up-tools/CLARC. January.



residential MTCA Method B subslab soil gas screening levels in the remaining soil gas samples collected: SG-1, SG-3, and SG-9 (Figure 5; Table 2).

PCE and TCE were detected at concentrations exceeding the residential and commercial MTCA Method B subslab soil gas screening levels in soil gas samples collected from sample locations SG-1 through SG-3, with PCE concentrations also exceeding residential and commercial screening levels in soil gas samples collected from sample locations SG-5, SG-6, SG-11, and SG-13 (Figure 6; Table 3).

TCE was detected at a concentration exceeding the Ecology residential short-term vapor intrusion subslab soil gas screening level of 250 micrograms per cubic meter<sup>13</sup> in soil gas sample SG-2, which was collected in August 2021 in the vicinity of the former dry cleaner area (Figure 6; Table 3). Subsequent sampling of SG-2 following installation and operation of the SSDS system indicated TCE concentrations were less than the Ecology residential shortterm vapor intrusion subslab soil gas screening level.

Remaining HVOCs analyzed either were reported non-detect at the laboratory method reporting limits or were detected at concentrations less than MTCA Method B subslab soil gas screening levels (Table 3).

Soil gas performance samples collected from subslab monitoring points SG-1, SG-2, and SG-3 are shown on Figure 6 and Table 3.

#### SOIL SAMPLING RESULTS

DRO and/or ORO were detected at concentrations less than the MTCA Method A cleanup levels in soil samples collected from borings FB-9, FB-10, FB-12, and FB-16 at elevations ranging from 149 to 133 feet North American Vertical Datum of 1988 (NAVD88) (5 to 10 feet bgs). Concentrations of DRO and/or ORO were reported non-detect at the laboratory PQL in all other soil samples submitted for analysis (Figure 7; Table 4).

GRO was reported non-detect at the laboratory PQL in all other soil samples submitted for analysis (Table 4).

Benzene was detected at a concentration less than the MTCA Method A cleanup level in a single soil sample collected from boring FB-17 at an elevation of 68.6 feet NAVD88 (90 feet

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<sup>&</sup>lt;sup>13</sup> Ecology. 2022. Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action, Appendix A. March.



HU Bellevue Primary GL, LLC February 21, 2025 Page 16 of 19

bgs). Toluene was detected at a concentration less than the MTCA Method A cleanup level in a single soil sample collected from boring SG-6 at an elevation of 145.2 feet NAVD88 (5 feet bgs). Xylenes were detected at a concentration less than the MTCA Method A cleanup level in a single soil sample collected from boring FB-9 at elevation of 141.0 feet NAVD88 (10 feet bgs). Other VOCs associated with petroleum hydrocarbons were reported non-detect at the laboratory PQL in all other soil samples submitted for analysis (Table 4).

PCE was detected at concentrations exceeding the MTCA Method A cleanup level in soil samples collected from 3 of 32 borings or monitoring wells advanced at the Property: boring FB-6 at elevations of 117 to 107 feet NAVD88 (30 to 40 feet bgs); boring FB-7 at an elevation of 144 feet NAVD88 (5 feet bgs); and boring FB-9 at an elevation of 141 feet NAVD88 (10 feet bgs). PCE was detected at concentrations less than the MTCA Method A cleanup level in 9 of 32 borings or monitoring wells advanced at the Property. PCE was detected at concentrations less than the MTCA Method A cleanup level in shallow soil samples collected from borings FB-1 and FB-21 advanced inside the former Toys "R" Us Building at elevations of 148 to 138 feet NAVD88 (5 to 15 feet bgs), and from borings FB-9 and FB-10 advanced proximate to the former stormwater manhole source area at elevations of 146 to 136 feet NAVD88 (5 to 15 feet bgs). PCE was detected at concentrations less than the MTCA Method A cleanup level in soil samples collected from borings FB-6 through FB-8 from an elevation of 145 to 107 feet NAVD88 (5 to 50 feet bgs) and monitoring well FMW-11 from an elevation of 144 to 49 feet NAVD88 (5 to 100 feet bgs) advanced proximate to the former stormwater line. PCE was detected at concentrations less than the MTCA Method A cleanup level in soil samples collected from borings FB-2 and FB-3, down-gradient and south of the former dry cleaner source area and stormwater line at elevations of 101 to at least 66 feet NAVD88 (40 to 75 feet bgs). Concentrations of PCE were reported non-detect at the laboratory PQL in the remaining soil samples submitted for analysis (Figure 8; Table 5).

TCE was detected at concentrations less than the MTCA Method A cleanup level in soil samples collected from boring FB-6 advanced proximate to the former stormwater line at elevations ranging from 112 to 107 feet NAVD88 (35 to 40 feet bgs). Concentrations of TCE were reported non-detect at the laboratory PQL in all other soil samples submitted for analysis (Figure 8; Table 5). The remaining HVOCs analyzed were reported non-detect at the laboratory PQL in all soil samples submitted for analysis (Table 5).

Metals were reported either non-detect at the laboratory PQLs or at concentrations less than MTCA Method A cleanup levels in the soil samples collected to date at the Property



(Table 6). Detected concentrations of metals are consistent with Washington State natural background levels.

#### **GROUNDWATER SAMPLING RESULTS**

During the August 2021 groundwater monitoring event, depth-to-water measurements in monitoring wells ranged from an elevation of 47.93 feet NAVD88 in monitoring well FMW-10 to an elevation of 46.36 feet NAVD88 in monitoring well MW-4 (99.5 to 97.4 feet bgs) (Figure 4; Table 1). Groundwater elevations measured in April 2022 and January 2023 were consistent with the August 2021 groundwater monitoring event. The interpreted groundwater flow direction of the groundwater-bearing zone is south. The groundwater-bearing zone was generally high yield, with moderate recharge observed during monitoring well development and sampling.

DRO and ORO were detected at concentrations exceeding MTCA Method A cleanup levels in the groundwater sample collected from monitoring well FMW-9 on the northern portion of the Property (Figure 9; Table 7). DRO and ORO were detected at concentrations less than the MTCA Method A cleanup level or were reported at the laboratory PQL in groundwater samples collected from monitoring wells located west (monitoring well FMW-08), east (monitoring well FMW-10), south (monitoring well FMW-01), and north (monitoring well FMW-17) of monitoring well FMW-09 (Figure 9; Table 7).

GRO and other BTEX constituents were detected at concentrations less than MTCA Method A cleanup levels or were reported non-detect at the laboratory PQL in all groundwater samples submitted for analysis (Table 7).

PCE was detected at a concentration exceeding the MTCA Method A cleanup level in one or more groundwater samples collected from 6 of 17 monitoring wells (MW-2 through MW-5, MW-7, and MW-11). PCE was detected at concentrations less than the MTCA Method A cleanup level or was reported at the laboratory PQL in the remaining groundwater samples collected (Figure 10; Table 8).

TCE and the remaining HVOCs analyzed were reported non-detect at the laboratory PQL in all groundwater samples collected from the monitoring well network (Table 8).



## CLOSING

Farallon appreciates the opportunity to provide environmental consulting services for this project. Please contact either of the undersigned at (425) 295-0800 if you have questions or need additional information.

Sincerely,

Farallon Consulting, L.L.C.

(Logan Schumacher, L.G. Associate Geologist

Suzy Stumpf, P.E. Principal Engineer

Attachments: Figure 1, Property Vicinity Map

Figure 2, Property Plan with Historical Features Figure 3, Property Plan with Cross Section Locations Figure 4, Groundwater Elevation Contours Figure 5, Soil Gas Analytical Results for TPH Figure 6, Soil Gas Analytical Results for PCE Figure 7, Soil Analytical Results for DRO and ORO Figure 8, Soil Analytical Results for PCE Figure 9, Groundwater Analytical Results for DRO and ORO Figure 10, Groundwater Analytical Results for PCE Figure 11, Cross Section A-A' Figure 12, Cross Section B-B' Figure 13, Cross Section C-C' Table 1, Groundwater Elevations Table 2, Soil Gas Analytical Results for Petroleum Hydrocarbons Table 3, Soil Gas Analytical Results for Halogenated VOCs Table 4, Soil Analytical Results for TPH and BTEX Table 5, Soil Analytical Results for Halogenated VOCs Table 6, Soil Analytical Results for Metals Table 7, Groundwater Analytical Results for TPH and BTEX Table 8, Groundwater Analytical Results for Halogenated VOCs Attachment A, Boring Logs Attachment B, Laboratory Analytical Results Attachment C, SSDS Plan Sheets

LDS/SES:mbg



#### LIMITATIONS

The conclusions contained in this report/assessment are based on professional opinions with regard to the subject matter. These opinions have been arrived at in accordance with currently accepted hydrogeologic and engineering standards and practices applicable to this location. The conclusions contained herein are subject to the following inherent limitations:

- Accuracy of Information. Farallon reviewed certain information used in this report/assessment from sources that were believed to be reliable. Farallon's conclusions, opinions, and recommendations are based in part on such information. Farallon's services did not include verification of its accuracy. Should the information upon which Farallon relied prove to be inaccurate, Farallon may revise its conclusions, opinions, and/or recommendations.
- Reconnaissance and/or Characterization. Farallon performed a reconnaissance and/or characterization of the Site that is the subject of this report/assessment to document current conditions. Farallon focused on areas deemed more likely to exhibit hazardous materials conditions. Contamination may exist in other areas of the Site that were not investigated or were inaccessible. Site activities beyond Farallon's control could change at any time after the completion of this report/assessment.

Farallon does not guarantee that the Site is free of hazardous or potentially hazardous substances or conditions, or that latent or undiscovered conditions will not become evident in the future. Farallon's observations, findings, and opinions are as of the date of the report.

This report/assessment has been prepared in accordance with the contract for services between Farallon and Hines Interests Limited Partnership. No other warranties, representations, or certifications are made.

# FIGURES

REMEDIAL INVESTIGATION AND INTERIM ACTION SUMMARY MAIN STREET PLACE 103 110TH AVENUE NORTHEAST BELLEVUE, WASHINGTON

Farallon PN: 691-023





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					NORTHEAST
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	DISCRETE SOIL GAS MONITORING POINT	MANHOLE			AVEN SUPERIOR
$\oplus$	(FARALLON, 2021-2023) BORING (FARALLON, 2021 AND 2022)	WATER LINE			1100
0	GEOTECHNICAL BORING (HART CROWSER, 2019)	STORMWATER LINE		A A A A A A A A A A A A A A A A A A A	The set is the set
۲	SOIL BORING (EMR, 1994)	FORMER STORMWATER	the state		0 40
۲	SOIL BORING (KENNEDY/JENKS, 1994)	FORMER SITE FEATURE			
۲	GEOTECHNICAL BORING (HISTORICAL)	PHASED DEVELOPMENT BOUNDARY			OCALL INTELL
	SHALLOW WELL - SCREENED AT WATER TABLE	2016 REMEDIAL EXCAVATIONS			
<b>+</b>	DEEP WELL	2003 REMEDIAL EXCAVATION		Washington Issaquah   Bellingham   Seattle	FIGURE 2
•	SIDEWALL CONFIRMATION SAMPLING (FLOYD SNIDER)	PROPERTY BOUNDARY		Oregon Portland   Baker City	PROPERTY PLAN WITH HISTORICAL FEATURES
+	SSDS SUMP	KING COUNTY PARCEL BOUNDARY	FARALLON	California Oakland L Irvine	103 110th AVENUE NORTHEAST BELLEVUE, WASHINGTON
$\boxtimes$	CATCH BASIN	EMR = ENVIRONMENTAL MANAGEMENT	CONSULTING		,
	FORMER CATCH BASIN FLOY FORMER FLOOR DRAIN KENNE	RESOURCES, INCORPORATED YD SNIDER = FLOYD SNIDER McCARTHY INCORPORAT EDY/JENKS = KENNEDY/JENKS CONSULTANTS	D Your Challenges. Our Priority.   farallone	consulting.com	FARALLON PN: 691-023
		SSDS = SUBSLAB DEPRESSURIZATION SYSTEM UST = UNDERGROUND STORAGE TANK	Drawn By: jjones	Checked By: LS Date:	5/6/2024 Disc Reference Path: Q:\Projects\691 Hines GS Properties\023 Main Street Place\012\Figure-02 PropertyPlan w HistoricalFeat D.mx



			110th AVENUE NORTHEAST
LEGEND DISCRETE SOIL GAS MONITORING POINT (FARALLON, 2021-2023) ⊕ BORING (FARALLON, 2021 AND 2022)	FORMER STORMWATER LINE		0 40 SCALE IN FEET
<ul> <li>GEOTECHNICAL BORING (HART CROWSER, 2019)</li> <li>SHALLOW WELL - SCREENED AT WATER TABLE</li> <li>DEEP WELL</li> </ul>	BOUNDARY         2016 REMEDIAL EXCAVATIONS         2003 REMEDIAL EXCAVATION         1994 REMEDIAL EXCAVATION	Washingto Issaquah   Bellingham   Seatt Orego Portland   Baker Ci	FIGURE 3 PROPERTY PLAN WITH CROSS SECTION LOCATIONS
SSDS SUMP     WATER LINE	PROPERTY BOUNDARY         KING COUNTY PARCEL         BOUNDARY	Californ FARALLON Oakland   Irvir CONSULTING	ia 103 110th AVENUE NORTHEAST BELLEVUE, WASHINGTON
WASTEWATER LINE     STORMWATER LINE	LINE OF CROSS SECTION SSDS = SUBSLAB DEPRESSURIZATION SYSTEM UST = UNDERGROUND STORAGE TANK	Your Challenges. Our Priority.       farallonconsulting.com         Drawn By: jjones       Checked By: LS	FARALLON PN: 691-023         Date: 5/6/2024         Disc Reference:         Document Path: Q:\Projects\691 Hines GS Properties\023 Main Street Place\012\Figure-03_PropertyPlan_w_Xsection.mxd



LEGEND	Real I will be a	
SHALLOW WELL - SCREENED AT WATER TABLE KING COUNTY PAR BOUNDARY	ARY CEL	SCALE IN FEET
GROUNDWATER EL	EVATION	
WASTEWATER LINE (46.30) IN FEET RELATIVE	TO NORTH	
FORMER STORMWATER OF 1988. AUGUST 2	7, 2021 Issaquah   Bellingha	m   Seattle
LINE [46.93] ELEVATION NOT US CONTOURING	SED IN	Oregon GROUNDWATER FI EVATION CONTOURS
FORMER SITE FEATURE GROUNDWATER EI	EVATION Portland	AUGUST 27, 2021
PHASED DEVELOPMENT 47.80 CONTOUR IN FEET		California MAIN STREET PLACE
2016 REMEDIAL EXCAVATIONS	ECTION OF OW	BELLEVUE, WASHINGTON
2003 REMEDIAL EXCAVATIONS FLOYD SNIDER= FLOYD SNIDER McCARTHY INCORF	Your Challenges. Our Priority.   farallonconsulting.com	FARALLON PN: 691-023
1994 REMEDIALUST = UNDERGROUNDEXCAVATIONSTORAGE TANK	Drawn By: jjones Checked By: LS	Date: 5/6/2024 Disc Reference: Document Path: Q:\Projects\691 Hines GS Properties\023 Main Street Place\012\Figure-04A_GW_Elevation_Contours_202108.mxd



				to the second seco
LEGEND			1	
SHALLOW WELL - SCREENED AT WATER TABLE DEEP WELL	PROPERTY BOUNDARY KING COUNTY PARCEL BOUNDARY GROUNDWATER ELEVATION			SCALE IN FEET
WASTEWATER LINE	(48.00) IN FEET RELATIVE TO NORTH AMERICAN VERTICAL DATUM		Washington	FIGURE 4B
	OF 1988. APRIL 26, 2022		Issaquah   Bellingham   Seattle	
	[47.43] CONTOURING		Oregon	GROUNDWATER ELEVATION CONTOURS
				APRIL 26, 2022
PHASED DEVELOPMENT BOUNDARY	(DASHED WHERE INFERRED)	FARALLON	California Oakland   Irvine	103 110th AVENUE NORTHEAST
2016 REMEDIAL EXCAVATIONS	APPROXIMATE DIRECTION OF GROUNDWATER FLOW	CONSULTING		BELLEVUE, WASHINGTON
2003 REMEDIAL EXCAVATIONS	FLOYD SNIDER= FLOYD SNIDER McCARTHY INCORPORATED	Your Challenges. Our Priority.   faral	lonconsulting.com	FARALLON PN: 691-023
1994 REMEDIAL	UST = UNDERGROUND	Drawn By: jjones	Checked By: LS Date: 5/6	5/2024 Disc Reference:
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 WASTEWATER	LINE

	BOUNDARY
1/2	2016 REMEDIAL EXCAVATIONS
	2003 REMEDIAL EXCAVATION
	1994 REMEDIAL EXCAVATION
	PROPERTY BOUNDARY

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	FMV-8 (154.54') 149.5' <0.00085	FMW-9 (154.55') 149.6' <0.00077 144.6' <0.00084 139.6' <0.00072 134.6' <0.00082 129.6' <0.00082 124.6' <0.00089 119.6' <0.00087 114.6' <0.00087 109.6' <0.00087		FMW-10 (147.93') 142.9' <0.00076 137.9' <0.00082 132.9' <0.00071 127.9' <0.00068 122.9' <0.00079 117.9' <0.00079 112.9' <0.00075 107.9' <0.00072
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} \text{NORTHEAST 2nd STREET} \\ \text{NORTHEAST 2nd STREET} \\ \text{56')} \\ \text{0.0011} \\ \text{0.0011} \\ \text{0.0013} \\ \text{0.0013} \\ \text{0.0013} \\ \text{0.0010} \\ \text{0.0010} \\ \text{0.0012} \\ \end{array} \\ \begin{array}{c} \text{10.100} \\ $	(148')	102.9' <0.00074 97.9' <0.00093 92.9' <0.00077 87.9' <0.00084 82.9' <0.0011 77.9' <0.00085 72.9' <0.0010 67.9' <0.0011 62.9' <0.00075 57.9' <0.00076 52.9' <0.00011 47.9' <0.00078
FMW-11 (148.83')         143.8' 0.0096         138.8' 0.0054         133.8' 0.0050         128.8' 0.0019         123.8' <0.00079	79.5' <0.00089	0.00090       39.6' <0.00062	010 3 25 0081 011 011 011 0077 010 0088 0075 145.0' <0.00090 140.0' <0.00090 135.0' <0.00090 135.0' <0.00090 135.0' <0.00090 135.0' <0.00087 120.0' <0.00085 120.0' <0.00089 115.0' <0.00081 110.0' <0.00080	42.9' <0.00063 37.9' <0.00065 32.9' <0.00085
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106.0' <0.00096 101.0' 0.0099 96.0' 0.0037 91.0' 0.0097 86.0' <0.00075 81.0' 0.0030 76.0' 0.0037 <i>MAIN STREET</i> 71.0' 0.0039 66.0' 0.0027	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	30.3' <0.00086	44.9' <0.00081 39.9' <0.00080 34.9' <0.00096 29.9' <0.00083	



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KING COUNTY PARCEL BOUNDARY

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						-
•	SHALLOW WELL - SCREENED AT WATER TABLE		1994 REMEDIAL		Washington Issaquah   Bellingham   Seattle	FIGURE 9
	WASTEWATER LINE		PROPERTY BOUNDARY		Oregon	
	FORMER STORMWATER		KING COUNTY PARCEL BOUNDARY		Portland   Baker City	GROUNDWATER ANALYTICAL RESULTS FOR DRO AND ORO MAIN STREET PLACE
	FORMER SITE FEATURE	47.80	GROUNDWATER ELEVATION	FARALLON	California Oakland   Irvine	103 110th AVENUE NORTHEAST BELLEVUE, WASHINGTON
	PHASED DEVELOPMENT		(DASHED WHERE INFERRED)	Consulting		
	2016 REMEDIAL	$\rightarrow$	GROUNDWATER FLOW	Your Challenges. Our Priority.	farallonconsulting.com	FARALLON PN: 691-023
	2003 REMEDIAL			Drawn By: jjones	Checked By: LS	Date: 5/6/2024 Disc Reference: Document Path: Q:\Projects\691 Hines GS Properties\023 Main Street Place\012\Figure-09_GW_TPH.mxd



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B'						C-(
(Mo. 241) 50,000 70 1,020]		FB-8(TP16'NE)		EB 7/TDEONIE)	FB-11(TP38'SW)	MW-2(TP20'NE)
• [<0.01 <0.01  ] [<0.01 <0.01  ]	SILTY SAND	•	)[<0.00070 <0.00070   )[<0.00074 <0.00074   )[<0.00081 <0.00081	[ <mark>0.051</mark>  <0.00082  ] -] [0.043 <0.00081  ] -] [0.032 <0.00075  ] -]	● [  <27 <54] ● ● [  <27 <55] ● ● [  <27 <55] ●	[0.015 <0.01  ] [0.2 <0.17  ]
[0.03 <0.01  ]		• ?	0[<0.00075 <0.00075   0[0.0073 <0.00076  ] 0[0.0097 <0.00076  ]	-] (	0.00067 <0.00095  ] 0.0025 <0.00070  ] 4[<0.0011 <0.0011  ] ?	[0.035]<0.01]]
[<0.01 <0.01  ]	SAND AND	•	\[0.0029 <0.00064  ] \[0.0014 <0.00081  ] \[0.0028 <0.00073  ] \[(<0.00073 <0.00073  ]		[<0.00097 <0.00097 ]] [<0.00097 <0.00097 ]] [<0.0010 <0.0010 ]] [<0.00096 <0.00096 ]]	
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			›[<0.00075 <0.00075   ›[<0.00080 <0.00080	-] @	● [<0.0010 <0.0010  ] ● [<0.00081 <0.00081  ]	5/22/2002 [ <b>19</b>   ] 6/18/2002 [ <b>21</b>   ] 7/25/2003 [ <b>24</b> *  ] 7/25/2003 [ <b>43</b> **  ] 7/16/2004 [ <b>26</b>   ] 6/10/2005 [ <b>24</b>   ]
						11/29/2006 [ <b>2</b>  ] 3/26/2008 [ <b>2</b> ] ] 6/9/2008 [ND] ] 6/11/2009 [ <b>8</b>   ] 11/5/2019 [ <b>17</b>  ]] 8/25/2021 [ <b>33</b>   ] 4/28/2022 [ <b>47</b>   ]
						4/28/2022 [4/   ]

PHASE 2 DEVELOPMENT AREA-

# <u>LEGEND</u>

BORING OR MONITORING WELL LOCATION TRANSPOSED (TP) IN FEET, SOUTHWEST(SW), OR NORTHEAST(NE) TO CROSS-SECTION LINE SOIL SAMPLE [<0.0012|<0.0012|---|---] = SOIL CONCENTRATIONS AS [PCE|TCE|DRO]ORO] IN MILLIGRAMS PER KILOGRAM (mg/kg) GROUNDWATER SAMPLE 8/25/2021 [<0.20|360|330] = GROUNDWATER CONCENTRATIONS AS DATE [PCE|DRO|ORO] IN MICROGRAMS PER LITER (µg/I) - SOIL GAS SAMPLE [110,000|180|1,167] = SOIL GAS CONCENTRATIONS AS [PCE|TCE|TPH] IN MICROGRAMS PER CUBIC LITER ( $\mu g/l^3$ ) STATIC GROUND WATER LEVEL (DASHED WHERE INFERRED) STRATIGRAPHIC CONTACT (DASHED WHERE INFERRED)

GROUNDWATER ELEVATION

- PCE TCE TPH DRO ORO ND \*\*\* BOLD PURPLE MTCA NAVD88
- = TETRACHLOROETHENE
- = TRICHLOROETHENE
- = TOTAL PETROLEUM HYDROCARBONS
- = TPH AS DIESEL-RANGE ORGANICS = TPH AS OIL-RANGE ORGANICS
- = ANALYTE NOT DETECTED AND THE REPORTING LIMIT IS UNKNOWN
- = DENOTES SAMPLE NOT ANALYZED = DENOTES ANALYTE NOT DETECTED AT OR EXCEEDING THE LISTED REPORTING LIMIT
- = SAMPLED BY SUBMERSIBLE PUMP
- = SAMPLED BY PASSIVE DIFFUSION BAG
- = GRAB SAMPLE COLLECTED BY BAILER = DENOTES CONCENTRATIONS THAT EXCEED MTCA CLEANUP LEVELS
- = DENOTES A DETECTION
- = WASHINGTON STATE MODEL TOXICS CONTROL ACT CLEANUP REGULATION = NORTH AMERICAN VERTICAL DATUM OF 1988

1994 REMEDIAL EXCAVATION AREA

= 2003 REMEDIAL EXCAVATION AREA



Drawn By: RB Checked By: LS

Date: 1/24/2025



							C-C'				-Former
	BB-12(TP15'E)		MW-11(TP38'E)				(C-3(TP16'W)		5-5(TP20E) 3-13(TP20E) 3-13(TP34'E)	93 <0.00093 <27 <54]- 93 <0.00093 <27 <54]- 87 <0.00087 <28 <57]- ш ец + + + + + + + + + + + + + + + + + +	3-15(TP4'E) W-5(TP82'E)
	●[<0.01 <0.01  ]							[2,	400 0.78  <b>7,038</b> ] の世		
l	●[0.03 < <b>0.01 </b> ]]		[0.0054 <0.00076  ] [0.0054 <0.00076  ] [0.0050 <0.00075  ]	)	[0.0020 <0.00083  ] ( [0.0044 <0.00091  ] ( [0.018 <0.00073  ] (	) [<	<0.0010 <0.0010  ] • <0.0010 <0.0010  ] •	[<0.00085 <0.0 [<0.00093 <0.0 [<0.00086 <0.0	00085 <28 <55] 00093 <27 <55] 00086 <28 <55]		
	<b>●</b> [0.01 <0.01  ]	SAND AND	[0.0019 <0.00073  ] • [<0.00079 <0.00079  ] •	)	[0.016 <0.00080  ] (0.031 <0.00075  ]	[<0.0	00098 <0.00098  ] <0.0010 <0.0010  ]	[<0.00090 <0.0 [<0.00084 <0.0	00090 <27 <55] 00084 <27 <54]	[<0.00066]<0.00066] [<0.00069]<0.00069] [<0.00074]<0.00074]	<27 <55] <27 <55] <27 <55]
	●[ <mark>0.08</mark>  <0.01  ]	SILTY SAND	[<0.00078 <0.00078  ] [<0.00082 <0.00082  ]	)	[ <mark>0.12</mark>  <0.00081  ]	) [0	[0.0031 <0.0012  ] • 0.0032 <0.00088  ] •	[ 10.00000] 10.0	55555 (20) 55555 (20)	[<0.00070]<0.00070] [<0.00079]<0.000 [<0.00071]<0.000 [<0.00096]<0.000	<27 <54} 79  } 71  } 96  ]
	● <b>[0.54</b>  <0.01  ]		[<0.00073]<0.00073]]] ( [<0.00082]<0.00082]]] (	)	[ <mark>0.075</mark>  0.0039  ]		[0.0085 <0.0012  ] ●			[0.0099 <0.000 [0.0037 <0.000	)85  ] )78  ]
	• [0.39 0.06  ]		[<0.00078 <0.00078  ]	)	[<0.00073 <0.00073 ] @	<b>[</b> <0.0	.00091 <0.00091  ] •			[0.0097 <0.000	085  ]
	• [ <b>0.25</b>  <0.01  ]		[<0.00087]<0.00087]]]	)	[<0.00078 <0.00078 ] @	[<	<0.0012 <0.0012  ]			[<0.00075]<0.000 [0.0030]<0.000	)75  ] )82  ]
	• [ <b>0.26</b>  <0.01  ] • [ <b>0.07</b>  <0.01  ]		[<0.00076 <0.00076  ] [<0.00078 <0.00078  ] [<0.00083 <0.00083  ]	)	[<0.00074 <0.00074 ] ( [<0.00069 <0.00069 ]] (	[<0.0	? SILT 00096 <0.00096  ] •		?	[0.0037]<0.000 [0.0039]<0.000	)88  ]- )79  ]-
	• [<0.01]<0.01]]] • [<0.01]<0.01]]]	?	[0.039 <0.00092  ]	) )	[<0.00075 <0.00075 ] @	[<	<0.0011 <0.0011  ] 🖭			[0.0027 <0.000	)89   <b>]</b> ]]]]
	↓ ●[0.03 <0.01  ]	SAND	[0.036 <0.00094  ] [<0.00077 <0.00077  ]						SAND	7/25/2003[6 7/25/2003[98 7/16/2004[1	64*  ] 8**  ] 10  ]
			[<0.00088 <0.00088  ]	<b>V</b>						6/10/2005[1 11/29/2006[ 3/26/2008[1	[84  ] 50  ]
			[<0.00074 <0.00074  ] [<0.00074 <0.00074  ] [<0.00086 <0.00086  ]	8/25/2021[0.52 ]] 9/2/2021[2.0*** ] 4/27/2022 <b>[29</b>  ]]						6/11/2009[ 11/6/2019[7 8/25/2021[ 4/28/2022 [	81  ] 7.9  ] [18  ] [44  ]

-PHASE 2 DEVELOPMENT AREA-

LEGEND

PCE = TETRACHLOROETHENE BORING OR MONITORING WELL LOCATION - TRANSPOSED (TP) IN FEET, WEST(W), OR TCE = TRICHLOROETHENE = TOTAL PETROLEUM HYDROCARBONS TPH EAST(E) TO CROSS-SECTION LINE DRO = TPH AS DIESEL-RANGE ORGANICS ORO = TPH AS OIL-RANGE ORGANICS [<0.00089|<0.00089|---|---] = SOIL CONCENTRATIONS AS ND = ANALYTE NOT DETECTED AND THE REPORTING LIMIT IS UNKNOWN [PCE|TCE|DRO]ORO] IN MILLIGRAMS PER KILOGRAM (mg/kg) = DENOTES SAMPLE NOT ANALYZED ----= DENOTES ANALYTE NOT DETECTED AT OR EXCEEDING THE LISTED REPORTING LIMIT < 88/25/2021 [<0.20|360|330] = GROUNDWATER CONCENTRATIONS AS = SAMPLED BY SUBMERSIBLE PUMP DATE [PCE|DRO|ORO] IN MICROGRAMS PER LITER (µg/I) \*\* = SAMPLED BY PASSIVE DIFFUSION BAG [110,000|180|1,167] = SOIL GAS CONCENTRATIONS AS [PCE|TCE|TPH] IN MICROGRAMS PER CUBIC LITER ( $\mu g/l^3$ ) \*\*\* = GRAB SAMPLE COLLECTED BY BAILER BOLD = DENOTES CONCENTRATIONS THAT EXCEED MTCA CLEANUP LEVELS PURPLE = DENOTES A DETECTION MTCA = WASHINGTON STATE MODEL TOXICS CONTROL ACT CLEANUP REGULATION NAVD88 = NORTH AMERICAN VERTICAL DATUM OF 1988 1994 REMEDIAL EXCAVATION AREA



Drawn By: RB Checked By: LS

FARALLON PN:691-023 Date: 1/24/2025



# TABLES

REMEDIAL INVESTIGATION AND INTERIM ACTION SUMMARY MAIN STREET PLACE 103 110TH AVENUE NORTHEAST BELLEVUE, WASHINGTON

Farallon PN: 691-023

#### Table 1 Groundwater Elevations Main Street Place Bellevue, Washington Farallon PN: 691-023

		Top of Casing			Water Level
	Screened Interval	Elevation		Depth to Water	Elevation
Location	(feet) <sup>1</sup>	(feet NAVD88) <sup>2</sup>	Monitoring Date	(feet) <sup>1</sup>	(feet NAVD88) <sup>2</sup>
MW-1	100 - 115	154.10	11/5/2019	106.31	47.79
			8/27/2021	106.50	47.60
			4/26/2022	106.10	48.00
			1/23/2023	106.05	48.05
MW-2	95 - 110	150.23	11/5/2019	102.99	47.24
			8/27/2021	103.22	47.01
			4/26/2022	102.65	47.58
			1/23/2023	102.65	47.58
MW-3	105 - 115	145.07	11/5/2019	97.98	47.09
			8/27/2021	98.12	46.95
			4/26/2022	97.55	47.52
			1/23/2023	97.53	47.54
MW-4	92 - 112	143.74	11/5/2019	97.25	46.49
			8/27/2021	97.38	46.36
			4/26/2022	96.76	46.98
			1/23/2023	96.89	46.85
MW-5	92 - 112	141.41	11/5/2019	94.70	46.71
			8/27/2021	94.56	46.85
			4/26/2022	94.13	47.28
			1/23/2023	94.18	47.23
MW-6	153 - 163	144.13	11/5/2019	94.46	49.67
			8/27/2021	97.30	46.83
			4/26/2022	96.70	47.43
			1/23/2023	96.71	47.42
MW-7	152 - 162	151.85	11/5/2019	104.71	47.14
			8/27/2021	104.92	46.93
			4/26/2022	104.36	47.49
			1/23/2023	104.42	47.43
#### Table 1 Groundwater Elevations Main Street Place Bellevue, Washington Farallon PN: 691-023

		Top of Casing			Water Level
	Screened Interval	Elevation		Depth to Water	Elevation
Location	(feet) <sup>1</sup>	(feet NAVD88) <sup>2</sup>	Monitoring Date	(feet) <sup>1</sup>	(feet NAVD88) <sup>2</sup>
			8/27/2021	106.44	47.88
FMW-8	100-120	154.32	4/26/2022	105.97	48.35
			1/23/2023	105.79	48.53
			8/27/2021	108.73	45.28
FMW-9	95-115	154.01	4/26/2022	105.94	48.07
			1/23/2023	105.77	48.24
			8/27/2021	99.54	47.93
FMW-10	95-115	147.47	4/26/2022	99.15	48.32
			1/23/2023	98.99	48.48
			8/27/2021	101.20	47.04
FMW-11	95-115	148.24	4/26/2022	100.54	47.70
			1/23/2023	100.60	47.64
			8/27/2021	106.49	47.41
FMW-12	95-115	153.90	4/26/2022	106.01	47.89
			1/23/2023	105.91	47.99
			8/27/2021	97.46	47.01
FMW-13	95-115	144.47	4/26/2022	97.06	47.41
			1/23/2023	96.84	47.63
			8/27/2021	104.42	47.20
FMW-14	95-115	151.62	4/26/2022	103.90	47.72
			1/23/2023	103.80	47.82
			8/27/2021	103.10	46.61
FMW-15	95-115	149.71	4/26/2022 <sup>3</sup>	102.60	47.11
			1/23/2023	102.63	47.08

#### Table 1 Groundwater Elevations Main Street Place Bellevue, Washington Farallon PN: 691-023

Location	Screened Interval (feet) <sup>1</sup>	Top of Casing Elevation (feet NAVD88) <sup>2</sup>	Monitoring Date	Depth to Water (feet) <sup>1</sup>	Water Level Elevation (feet NAVD88) <sup>2</sup>
			8/27/2021	102.84	46.71
FMW-16	150-160	149.55	4/26/2022	102.70	46.85
			1/23/2023	102.43	47.12
EM\\/_17	105-125	158 20	4/26/2022	109.91	48.29
1 10100-17	105-125	130.20	1/23/2023	109.83	48.37

NOTES:

<sup>1</sup> In feet below top of well casing.

<sup>2</sup> In feet referenced to North American Vertical Datum of 1988 (NAVD88).

<sup>3</sup>Depth to water value indicated as measured imediately prior to sampling on 4/26/2022 due to initial anomalous measurment.

#### Table 2 Soil Gas Analytical Results for Petroleum Hydrocarbons Main Street Place **Bellevue**, Washington Farallon PN: 691-023

				Analytical Results (micrograms per cubic meter)									
					Non-ca	arcinogenic Pet	roleum Com	pounds		Carcinogenic Pe	troleum Compounds		
Sample Location	Sample Date	Sample Identification	Sample Depth <sup>1</sup>	C5-C8 Aliphatics <sup>2</sup>	C9-C12 Aliphatics <sup>2</sup>	C9-C10 Aromatics <sup>2</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Total Xylenes <sup>3</sup>	Benzene <sup>3</sup>	Naphthalene <sup>3</sup>	Total Petroleum Hydrocarbons⁴	
SG-1	8/11/2021	SG-1-20210811	0.5	< 1,200	< 400	< 400	< 300	< 6.9	< 20.9	< 5.1	< 1.7	1,167	
SG-2	8/11/2021	SG-2-20210811	0.5	< 3,100	< 1,000	< 1,000	< 790	< 18	< 54	< 13	< 2.4 J	2,989	
SG-3	8/11/2021	SG-3-20210811	0.5	< 630	510	< 210	< 160	< 3.6	< 10.9	< 2.7	< 2.2	1,020	
SG-4	8/11/2021	SG-4-20210811	10.0	1,100	4,300	610	< 110	3.3	34.4	2.6	< 1.5	6,106	
SG-5	8/11/2021	SG-5-20210811	10.0	1,500	5,400 E	< 140	< 110	< 2.4	9.1	< 1.8	< 1.5	7,038	
SG-6	8/11/2021	SG-6-20210811	10.0	< 650	1,600	< 220	9,800 E	< 3.8	18.2	< 2.8	< 2.3	11,858	
SG-7	8/11/2021	SG-7-20210811	5.0	650	2,700	160	< 110	< 2.5	12.5	< 1.9	7.3	3,587	
SG-8	3/22/2022	SG-8-032222	1.5	710	700	< 130	< 100	< 2.3	10.6	7.4	< 1.4	1,545	
SG-9	3/22/2022	SG-9-032222	0.5	710	500	< 140	< 100	< 2.4	< 7.2	3.6	< 1.4	1,339	
SG-11	3/24/2022	SG-11-032422	0.5	2,300	< 420	< 420	< 320	< 7.4	< 22.4	< 5.4	< 4.5	2,900	
					SSDS Pe	erformance San	ples	•	-	• •			
SSDS-1	3/25/2022	SSDS-1-032522	NA	< 3,200	1,600	< 1,100	< 810	< 19	< 56	< 14	< 11	4,205	
MTCA Method B Exposure <sup>5</sup>	Subslab Soil Gas	Screening Level for Res	idential						-	11	2.5	1,500	
MTCA Method B Worker <sup>5</sup>	8 Subslab Soil Gas	Screening Level for a Co	ommercial							50	11	13,000	

NOTES:

Results in **bold** and highlighted yellow denote concentrations exceeding applicable screening levels.

< denotes analyte not detected at or exceeding the reporting limit listed.

<sup>1</sup>Depth in feet below ground surface.

<sup>2</sup>Analyzed by Massachusetts Department of Environmental Protection Method MA-APH.

<sup>3</sup>Analyzed by U.S. Environmental Protection Agency Method TO-15.

<sup>4</sup>Sum of all non-carcinogenic and carcinogenic petroleum compounds. Non-detected values summed at 1/2 the reporting limit.

<sup>5</sup>Washington State Model Toxics Control Act Cleanup Regulation Cleanup Levels and Risk Calculations, Standard Method B Values for Subslab Soil Gas Screening Level and Screening Level for Commercial Worker, dated January 2023, https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Contamination-clean-up-tools/CLARC

E = result exceeded the calibration range of the instrument and is an estimate

J = analyte concentration is reported below the lowest calibration standard. The value reported is an estimate.

NA = not applicable

SSDS = subslab depressurization system

			<b>.</b> .	Analytical Results (micrograms per cubic m						
Sample Location	Sample Date	Sample Identification	Sample Depth (feet) <sup>1</sup>	PCE	TCE	cis-1.2-DCE	trans-1.2-DCE	Vinyl Chloride		
	8/11/2021	SG-1-20210811	0.5	110.000 E	180	< 6.3	< 6.3	< 4.1		
SG-1	7/10/2024	SG-01-20240710	0.5	230	1.2	< 3.3	< 3.3	< 2.1		
	8/11/2021	SG-2-20210811	0.5	230,000 E	810	45	< 17	< 11		
SG-2	3/16/2023	SG-02-20230316	0.5	2,300 E	44	< 3.2	< 3.2	< 2.1		
	8/11/2021	SG-3-20210811	0.5	50,000 E	70	< 3.3	< 3.3	< 2.1		
	3/16/2023	SG-03-20230316	0.5	3,200 E	130	< 3.5	< 3.5	< 2.3		
SG-3	6/30/2023	SG-3-20230630	0.5	48,000 E	65	< 17	< 17	< 11		
	3/19/2024	SG-3-20240319	0.5	13,000 E	26	< 17	< 17	< 11		
SG-4	8/11/2021	SG-4-20210811	10.0	47	< 0.62	< 2.3	< 2.3	< 1.5		
SG-5	8/11/2021	SG-5-20210811	10.0	2,400 E	0.78	< 2.2	< 2.2	< 1.4		
SG-6	8/11/2021	SG-6-20210811	10.0	2,000 E	< 0.94	< 3.4	< 3.4	< 2.2		
SG-7	8/11/2021	SG-7-20210811	5.0	57	0.72	< 2.3	< 2.3	< 1.5		
SG-8	3/22/2022	SG-8-032222	1.5	< 36	0.63	< 2.1	< 2.1	< 1.4		
SG-9	3/22/2022	SG-9-032222	0.5	51	< 0.59	< 2.2	< 2.2	< 1.4		
SG-10	3/24/2022	SG-10-032422	0.5	< 37	1.0	< 2.2	< 2.2	< 1.4		
SG-11	3/24/2022	SG-11-032422	0.5	2,900 E	< 1.8	< 6.7	< 6.7	< 4.3		
SG-12	3/24/2022	SG-12-032422	0.5	45	0.95	< 2.2	< 2.2	< 1.4		
SG-13	3/24/2022	SG-13-032422	0.5	1,700 E	< 1.8	< 6.7	< 6.7	< 4.3		
Method B Sub Exposure <sup>3</sup>	oslab Soil Gas So	creening Level-Residen	tial	320	11	610	610	9.5		
Method B Sub Worker <sup>3</sup>	oslab Soil Gas So	creening Level-Comme	rcial	1,500	95	5,200	5,200	44		
Residential SI	ort-term VI Scre	eening Level for Subsla	b Soil Gas <sup>4</sup>	NE	67	NE	NE	NE		
Non-Resident Gas⁴	ial Short-term VI	Screening Level for Su	ıbslab Soil	NE	250	NE	NE	NE		

NOTES:

Results in **bold** and highlighted yellow denote concentrations exceeding one or more screening levels. < denotes analyte not detected at or exceeding the reporting limit listed.

— denotes sample not analyzed.

<sup>1</sup>Depth in feet below surface.

<sup>2</sup>Analyzed by U.S. Environmental Protection Agency Method TO-15. Only detected and select analytes are shown in table;

<sup>3</sup>Washington State Model Toxics Control Act Cleanup Regulation Cleanup Levels and Risk Calculations, Standard Method B Values for Subslab Soil Gas Screening Level and Screening Level for Commercial Worker, dated January 2023, https://ecology.wa.gov/Regulations-Permits/Guidance-technicalassistance/Contamination-clean-up-tools/CLARC

<sup>4</sup>Washington State Department of Ecology Implementation Memorandum No. 22: Vapor Intrusion (VI) Investigation and Short-term Trichloroethene (TCE) Toxicity dated October 1, 2019.

DCE = dichloroethene

E = result exceeded the calibration range of the instrument and is an estimate NA = not applicable

NE = not established

PCE = tetrachloroethene

SSDS = subslab depressurization system

TCE = trichloroethene

VOCs = volatile organic compounds

)	1,1-DCE
	< 17
	< 2.2
	< 6.7
	< 2.2
	< 6.7
	3,000
	26,000
	NE
	NE

					Analytical Results (milligrams per kilogram)								
			Samula Danth	Sample									
Sample	Compled Dv	Sample			Comple Data					Banzana <sup>5</sup>	Teluene <sup>5</sup>	Ethylbonzono <sup>5</sup>	Vulanaa <sup>5</sup>
Location	Sampled By	Identification	(leet)	NAVD66)		DRU Independent Borr	ORU odial Action Form	DRO + ORO	GRU	Benzene	Toluene	Ethylbenzene	Aylenes
	EMD		60	125.5	6/20/100/		eulai Action -Fon		/11				
			12.0	130.5	7/12/100/								
CHV-2 *		SS 05 **	12.0	129.5	7/13/1994			< 15					
			12.0	129.0	7/13/1994			< 15					
CHVPX-1			16.0	125.5	7/13/1994			< 15 26					
			10.0	120.5	7/13/1994								
CHVPX-2			12.0	129.5	7/10/1994			< 15 102					
			12.0	129.5	7/10/1994			103					
CHVPX-3			12.0	129.5	7/10/1994			< 15					
	EA		12.0	129.5	7/18/1994			90					
CHVPX-4	EMR		10.0	131.5	7/19/1994			< 15					
	EA	55-09 <sup></sup>	10.0	131.5	7/19/1994			< 11					
CHVPX-5	ENIR	CHVPX-5	9.0	132.5	8/9/1994	 Sail Steeluni	 le Comple Deculte	< 15					
00.01		00.04			7/10/1001	Soli Stockpi	le Sample Results	050					
SS-01	EA	SS-01	NA	NA	7/13/1994			950					
SS-02	EA	SS-02	NA	NA	7/13/1994			1,400					
SS-03	EA	SS-03	NA	NA	7/13/1994			160					
SS-08	EA	SS-08	NA	NA	7/19/1994			290					
SS-10	EA	SS-10	NA	NA	7/19/1994			490					
SS-12	EA	SS-12	NA	NA	7/19/1994			26					
SS-13	EA	SS-13	NA	NA	7/19/1994			13					
STP CHV-1	EMR	STP CHV-1	NA	NA	7/19/1994			< 25					
STP CHV-2	EMR	STP CHV-2	NA	NA	7/19/1994			260					
STP CHV-3	EMR	STP CHV-3	NA	NA	7/19/1994			24					
#1	EA	#1	NA	NA	8/9/1994			710					
#4	EA	#4	NA	NA	8/9/1994			95					
CHVSTP-4	EMR	CHVSTP-4	NA	NA	8/9/1994			< 15					
CHVSTP-5	EMR	CHVSTP-5	NA	NA	8/9/1994			110					
MTCA Method	Method A Cleanup Levels for Soil <sup>6</sup>					2,000	2,000	2,000	30/100 <sup>′</sup>	0.03	7	6	9

					Analytical Results (milligrams per kilogram)								
				Sample									
Sample		Sample	Sample Depth	Elevation (feet	0		0002		0004	5	<b>-</b> - 5	<b>-</b> (1 ) 5	× 1 5
Location	Sampled By	Identification	(feet)	NAVD88)	Sample Date			DRO + ORO <sup>s</sup>	GRO	Benzene	loluene	Ethylbenzene	Xylenes
			50	440.0	0/40/0004	2021 Faralion St	Ibsurface Investig	ation		10.0040	10.0050	10.0040	10.0004
	Farallon	FB-1-5.0	5.0	148.0	8/12/2021	< 28	< 55		< 5.6	< 0.0010	< 0.0052	< 0.0010	< 0.0031
FB-1	Farallon	FB-1-10.0	10.0	143.0	8/12/2021	< 27	< 54		< 4.7	< 0.00092	< 0.0046	< 0.00092	< 0.00272
	Farallon	FB-1-15.0	15.0	138.0	8/12/2021	< 28	< 55		< 4.7	< 0.00089	< 0.0044	< 0.00089	< 0.00269
	Farallon	FB-1-20.0	20.0	133.0	8/12/2021	< 27	< 53		< 4.2	< 0.00081	< 0.0041	< 0.00081	< 0.00241
	Farallon	FB-2-5.0	5.0	140.0	8/6/2021	< 26	< 53		< 4.7	< 0.00098	< 0.0049	< 0.00098	< 0.00298
FB-2	Farallon	FB-2-10.0	10.0	135.0	8/6/2021	< 26	< 51		< 4.6	< 0.00087	< 0.0044	< 0.00087	< 0.00257
102	Farallon	FB-2-15.0	15.0	130.0	8/6/2021	< 27	< 55		< 5.2	< 0.00096	< 0.0048	< 0.00096	< 0.00286
	Farallon	FB-2-20.0	20.0	125.0	8/6/2021	< 26	< 53		< 4.6	< 0.00090	< 0.0045	< 0.00090	< 0.0027
	Farallon	FB-3-5.0	5.0	136.0	8/9/2021	< 27	< 55		< 4.4	< 0.00066	< 0.0033	< 0.00066	< 0.00196
FB-3	Farallon	FB-3-10.0	10.0	131.0	8/9/2021	< 27	< 55		< 4.1	< 0.00069	< 0.0035	< 0.00069	< 0.00209
10-5	Farallon	FB-3-15.0	15.0	126.0	8/9/2021	< 27	< 55		< 4.1	< 0.00074	< 0.0037	< 0.00074	< 0.00224
	Farallon	FB-3-20.0	20.0	121.0	8/9/2021	< 27	< 54		< 4.2	< 0.00070	< 0.0035	< 0.00070	< 0.0021
	Farallon	FB-4-5.0	5.0	145.0	8/13/2021	< 27	< 55		< 4.4	< 0.00090	< 0.0045	< 0.00090	< 0.0027
	Farallon	FB-4-10.0	10.0	140.0	8/13/2021	< 27	< 55		< 5.1	< 0.00090	< 0.0045	< 0.00090	< 0.0027
ГD-4	Farallon	FB-4-15.0	15.0	135.0	8/13/2021	< 27	< 54		< 5.3	< 0.00071	< 0.0035	< 0.00071	< 0.00211
	Farallon	FB-4-20.0	20.0	130.0	8/13/2021	< 27	< 54		< 5.1	< 0.00087	< 0.0044	< 0.00087	< 0.00257
	Farallon	FB-5-5.0	5.0	143.0	8/2/2021	< 27	< 54		< 5.2	< 0.0014	< 0.0071	< 0.0014	< 0.0043
	Farallon	FB-5-10.0	10.0	138.0	8/2/2021	< 28	< 55		< 5.3	< 0.00088	< 0.0044	< 0.00088	< 0.00268
FB-5	Farallon	FB-5-15.0	15.0	133.0	8/2/2021	< 28	< 56		< 4.5	< 0.00080	< 0.0040	< 0.00080	< 0.0024
	Farallon	FB-5-20.0	20.0	128.0	8/2/2021	< 28	< 56		< 5.8	< 0.0012	< 0.0061	< 0.0012	< 0.0037
	Farallon	FB-9-5.0	5.0	146.0	8/4/2021	< 28	< 55		< 5.4	< 0.00093	< 0.0046	< 0.00093	< 0.00283
FB-9	Farallon	FB-9-10.0	10.0	141.0	8/4/2021	270	770		< 5.1	< 0.0011	< 0.0056	< 0.0011	0.0018
	Farallon	FB-9-15.0	15.0	136.0	8/4/2021	< 27	< 54		< 5.5	< 0.0011	< 0.0054	< 0.0011	< 0.0033
	Farallon	FB-10-5.0	5.0	147.0	8/4/2021	< 26	120		< 4.5	< 0.00075	< 0.0037	< 0.00075	< 0.00225
FB-10	Farallon	FB-10-10.0	10.0	142.0	8/4/2021	< 27	140		< 5.1	< 0.0010	< 0.0050	< 0.0010	< 0.003
	Farallon	FB-10-14.0	14.0	138.0	8/4/2021	< 27	< 55		< 4.4	< 0.00085	< 0.0043	< 0.00085	< 0.00255
	Farallon	FB-11-5.0	5.0	148.0	8/4/2021	< 27	< 54		< 5.5	< 0.00094	< 0.0047	< 0.00094	< 0.00284
FB-11	Farallon	FB-11-10.0	10.0	143.0	8/4/2021	< 27	< 55		< 5.1	< 0.00084	< 0.0042	< 0.00084	< 0.00254
	Farallon	FB-11-14.0	14.0	139.0	8/4/2021	< 27	< 55		< 4.7	< 0.00082	< 0.0041	< 0.00082	< 0.00242
	Farallon	FB-12-5.0	5.0	149.0	8/4/2021	< 27	250		< 5.0	< 0.00085	< 0.0043	< 0.00085	< 0.00255
	Farallon	FB-12-10.0	10.0	144.0	8/4/2021	< 27	< 55		< 5.5	< 0.00088	< 0.0044	< 0.00088	< 0.00268
FB-12	Farallon	FB-12-15.0	15.0	139.0	8/4/2021	< 27	< 54		< 4 4	< 0.00088	< 0.0044	< 0.00088	< 0.00268
	Farallon	FB-12-18.0	18.0	136.0	8/4/2021	< 27	< 55		< 4.8	< 0.00081	< 0.0041	< 0.00081	< 0.00241
	Farallon	FB-13-5.0	5.0	138.0	8/4/2021	< 28	< 55		< 4 9	< 0.00085	< 0.0041	< 0.00085	< 0.00241
FB-13	Farallon	FB-13-10.0	10.0	133.0	8/4/2021	< 27	< 55		< 5.2	< 0.00093	< 0.0047	< 0.00093	< 0.00283
	Farallon	FB-13-13.5	13.5	129.5	8/4/2021	< 28	< 55		< 4 4	< 0.00086	< 0.0047	< 0.00086	< 0.00256
MTCA Method	A Cleanup Leve	Is for Soil <sup>6</sup>	1.0.0	120.0	0, 1,2021	2,000	2,000	2,000	30/100 <sup>7</sup>	0.03	7	6	9

					Analytical Results (milligrams per kilogram)								
				Sample									
Sample		Sample	Sample Depth	Elevation (feet	Osmala Data		0002		0004	D	<b>T</b> - <b>1</b> 5	<b>5</b> 41	V. J 5
Location	Sampled By		(feet)	NAVD88)	Sample Date		ORO-	$DRO + ORO^{-1}$	GRU	Benzene		Ethylbenzene	Xylenes <sup>®</sup>
	Farallon	FB-14-5.0	5.0	139.0	8/4/2021	< 27	< 55		< 4.0	< 0.00090	< 0.0045	< 0.00090	< 0.0027
FD-14	Farallon	FD-14-10.0	10.0	134.0	0/4/2021	< 27	< 54		< 5.0	< 0.00084	< 0.0042	< 0.00084	< 0.00254
	Farallon	FD-14-12.0	12.0	132.0	0/4/2021	< 20	< 50		< 4.5	< 0.00000	< 0.0044	< 0.0008	< 0.00208
	Farallon	FB-10-0.0	5.0	130.0	0/4/2021	< 27	< 54		< 4.7	< 0.00093	< 0.0047	< 0.00093	< 0.00283
FD-10	Farallon	FB-10-10.0	10.0	133.0	0/4/2021	< 27	< 54		< 4.9	< 0.00093	< 0.0047	< 0.00093	< 0.00283
	Faralion	FB-10-12.0	12.0	131.0	8/4/2021	< 28	< 57		< 5.3	< 0.00087	< 0.0043	< 0.00087	< 0.00257
FB-16	Faralion	FB-10-5.0	5.0	138.0	8/4/2021	< 25	< 51		< 4.9	< 0.0012	< 0.0062	< 0.0012	< 0.0037
	Farallon	FB-16-10.0	10.0	133.0	8/4/2021	38	190		< 5.0	< 0.00087	< 0.0044	< 0.00087	< 0.00257
	Farallon	FB-17-5.0	5.0	153.6	3/16/2022	< 27	< 55		< 3.9	< 0.00080	< 0.0040	< 0.00080	< 0.0024
	Farallon	FB-17-10.0	10.0	148.6	3/16/2022	< 27	< 54		< 4.7	< 0.00078	< 0.0039	< 0.00078	< 0.00238
	Farallon	FB-17-15.0	15.0	143.6	3/16/2022	< 27	< 54		< 4.3	< 0.00083	< 0.0042	< 0.00083	< 0.00253
	Farallon	FB-17-20.0	20.0	138.6	3/16/2022	< 27	< 55		< 4.2	< 0.00078	< 0.0039	< 0.00078	< 0.00238
	Farallon	FB-17-25.0	25.0	133.6	3/16/2022	< 27	< 54		< 5.3	< 0.00090	< 0.0045	< 0.00090	< 0.0027
	Farallon	FB-17-30.0	30.0	128.6	3/16/2022	< 27	< 53		< 5.0	< 0.00089	< 0.0045	< 0.00089	< 0.00269
	Farallon	FB-17-35.0	35.0	123.6	3/16/2022	< 27	< 53		< 5.3	< 0.00086	< 0.0043	< 0.00086	< 0.00256
	Farallon	FB-17-40.0	40.0	118.6	3/16/2022	< 27	< 54		< 6.1	< 0.00086	< 0.0043	< 0.00086	< 0.00256
FB-17	Farallon	FB-17-45.0	45.0	113.6	3/17/2022	< 27	< 54		< 4.4	< 0.00094	< 0.0047	< 0.00094	< 0.00284
10-17	Farallon	FB-17-50.0	50.0	108.6	3/17/2022	< 27	< 55		< 5.8	< 0.00091	< 0.0046	< 0.00091	< 0.00271
	Farallon	FB-17-55.0	55.0	103.6	3/17/2022	< 27	< 55		< 3.7	< 0.00075	< 0.0038	< 0.00075	< 0.00225
	Farallon	FB-17-60.0	60.0	98.6	3/17/2022	< 27	< 54		< 5.1	< 0.0010	< 0.0050	< 0.0010	< 0.0030
	Farallon	FB-17-70.0	70.0	88.6	3/17/2022	< 27	< 53		< 5.3	< 0.0010	< 0.0052	< 0.0010	< 0.0031
	Farallon	FB-17-80.0	80.0	78.6	3/17/2022	< 26	< 52		< 4.6	< 0.0011	< 0.0053	< 0.0011	< 0.0032
	Farallon	FB-17-90.0	90.0	68.6	3/17/2022	< 28	< 56		< 5.2	0.0018	< 0.0053	< 0.0011	< 0.0032
	Farallon	FB-17-100.0	100.0	58.6	3/17/2022	< 26	< 53		< 5.8	< 0.00085	< 0.0042	< 0.00085	< 0.00255
	Farallon	FB-17-110.0	110.0	48.6	3/17/2022	< 27	< 54		< 5.9	< 0.0011	< 0.0053	< 0.0011	< 0.0032
	Farallon	FB-17-120.0	120.0	38.6	3/17/2022	< 28	< 57		< 6.2	< 0.00093	< 0.0047	< 0.00093	< 0.00283
	Farallon	FB-18-5.0	5.0	153.6	3/16/2022	< 27	< 55		< 4.6	< 0.00082	< 0.0041	< 0.00082	< 0.00242
	Farallon	FB-18-10.0	10.0	148.6	3/16/2022	< 28	< 55		< 5.2	< 0.00085	< 0.0043	< 0.00085	< 0.00255
	Farallon	FB-18-15.0	15.0	143.6	3/16/2022	< 28	< 56		< 4.4	< 0.00070	< 0.0035	< 0.00070	< 0.0021
	Farallon	FB-18-20.0	20.0	138.6	3/16/2022	< 28	< 55		< 5.3	< 0.00078	< 0.0039	< 0.00078	< 0.00238
	Farallon	FB-18-25.0	25.0	133.6	3/16/2022	< 28	< 55		< 4.8	< 0.00068	< 0.0034	< 0.00068	< 0.00208
55.40	Farallon	FB-18-30.0	30.0	128.6	3/16/2022	< 27	< 54		< 4.9	< 0.00083	< 0.0042	< 0.00083	< 0.00253
FB-18	Farallon	FB-18-35.0	35.0	123.6	3/16/2022	< 27	< 55		< 5.2	< 0.00080	< 0.0040	< 0.00080	< 0.0024
	Farallon	FB-18-40.0	40.0	118.6	3/16/2022	< 27	< 53		< 4.6	< 0.00086	< 0.0043	< 0.00086	< 0.00256
	Farallon	FB-18-45.0	45.0	113.6	3/16/2022	< 27	< 54		< 4.0	< 0.00079	< 0.0040	< 0.00079	< 0.00239
	Farallon	FB-18-50.0	50.0	108.6	3/16/2022	< 27	< 55		< 5.2	< 0.00093	< 0.0046	< 0.00093	< 0.00283
	Farallon	FB-18-55.0	55.0	103.6	3/16/2022	< 27	< 54		< 4.8	< 0.00073	< 0.0037	< 0.00073	< 0.00223
	Farallon	FB-18-60.0	60.0	98.6	3/16/2022	< 27	< 54		< 4.4	< 0.0011	< 0.0054	< 0.0011	< 0.0033
MTCA Method	A Cleanup Leve	Is for Soil <sup>6</sup>				2,000	2,000	2,000	30/100 <sup>7</sup>	0.03	7	6	9

					Analytical Results (milligrams per kilogram)								
Sample Location	Sampled By	Sample Identification	Sample Depth (feet) <sup>1</sup>	Sample Elevation (feet NAVD88) <sup>1</sup>	Sample Date	DRO <sup>2</sup>	ORO <sup>2</sup>	DRO + ORO <sup>3</sup>	GRO⁴	Benzene⁵	Toluene⁵	Ethylbenzene⁵	Xylenes⁵
	Farallon	FMW-12-5.0	5.0	149.2	8/11/2021	< 27	< 55		< 4.1	< 0.00075	< 0.0037	< 0.00075	< 0.00225
	Farallon	FMW-12-10.0	10.0	144.2	8/11/2021	< 27	< 54		< 3.9	< 0.00081	< 0.0041	< 0.00081	< 0.00241
	Farallon	FMW-12-15.0	15.0	139.2	8/11/2021	< 28	< 55		< 4.5	< 0.00090	< 0.0045	< 0.00090	< 0.0027
	Farallon	FMW-12-20.0	20.0	134.2	8/11/2021	< 27	< 55		< 4.0	< 0.00080	< 0.0040	< 0.00080	< 0.0024
	Farallon	FMW-14-5.0	5.0	147.2	8/12/2021	< 30	< 60		< 4.7	< 0.00082	< 0.0041	< 0.00082	< 0.00242
	Farallon	FMW-14-10.0	10.0	142.2	8/12/2021	< 27	< 53		< 4.4	< 0.00078	< 0.0039	< 0.00078	< 0.00238
F1VIV - 14	Farallon	FMW-14-15.0	15.0	137.2	8/12/2021	< 28	< 55		< 4.0	< 0.00071	< 0.0035	< 0.00071	< 0.00211
	Farallon	FMW-14-20.0	20.0	132.2	8/12/2021	< 29	< 58		< 5.3	< 0.00080	< 0.0040	< 0.00080	< 0.0024
SC 6	Farallon	SG-6-5.0	5.0	145.2	8/4/2021	< 26	< 53		< 4.8	< 0.0012	0.030	< 0.0012	< 0.0036
39-0	Farallon	SG-6-10.0	10.0	140.2	8/4/2021	< 27	< 54		< 4.8	< 0.00087	< 0.0043	< 0.00087	< 0.00257
MTCA Method	MTCA Method A Cleanup Levels for Soil <sup>6</sup>						2,000	2,000	30/100 <sup>7</sup>	0.03	7	6	9

NOTES:

Results highlighted in **gold** denote concentrations exceeding the laboratory reporting limit listed.

< denotes analyte not detected at or exceeding the laboratory reporting limit listed.

- denotes sample not analyzed or information not available.

^ denotes sample analyzed by Method WTPH-418.1

\* denotes pre-excavation sample.

\*\* denotes field duplicate sample.

<sup>1</sup>Depth in feet below ground surface. Elevation in feet referenced to North American Vertical Datum of 1988 (NAVD88).

<sup>2</sup>Analyzed by Northwest Method NWTPH-Dx.

<sup>3</sup>Ananlyzed by Washington State Department of Ecology Method WTPH-D<sup>-</sup>

<sup>4</sup>Analyzed by Northwest Method NWTPH-Gx.

<sup>5</sup>Analyzed by U.S. Environmental Protection Agency Method 8260D.

<sup>6</sup>Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses,

Table 740-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised 2013.

<sup>7</sup>Cleanup level is 30 milligrams per kilogram if benzene is detected, and 100 milligrams per kilogram if benzene is not detected.

BTEX = benzene, toluene, ethylbenzene and xylenes

DRO = total petroleum hydrocarbons (TPH) as diesel-range organics

EA = EA Engineering, Science and Technology, Inc.

EMR = Environmental Management Resources, Inc.

Farallon = Farallon Consulting, L.L.C.

GRO = TPH as gasoline-range organics

NA = not applicable

ORO = TPH as oil-range organics

			Sample	Sample Elevation		Analytical Results (milligrams per kilogram) <sup>2</sup>					
Sample Location	Sampled By	Sample Identification	Depth (feet) <sup>1</sup>	(feet	Sample Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	
			1994 E	MR Subsurf	ace Investigati	on - Former I	Dry Cleaner				
B-1	EMR	B-1V	37.0	111.5	6/28/1994	1.1	< 0.2	< 0.2	< 0.2	< 1	
B-2	EMR	B-2E	25.0	123.5	6/28/1994	0.51	< 0.2	< 0.2	< 0.2	< 1	
B-3 B-4		B-3C B-4D	15.0	133.5	6/28/1994	1.2	< 0.2	< 0.2	< 0.2	< 1	
B-4 B-5	EMR	B-4D B-5C	20.0	120.0	6/28/1994	0.45	< 0.2	< 0.2	< 0.2	< 1	
	EMR	B-7A	40.0	108.5	7/25/1994	3.0	< 0.2	< 0.2	< 0.2	< 1	
	EMR	B-7B	45.0	103.5	7/25/1994	0.36	< 0.2	< 0.2	< 0.2	< 1	
B-7	EMR	B-7C	50.0	98.5	7/25/1994	< 0.20	< 0.2	< 0.2	< 0.2	< 1	
	EMR	B-7D	55.0	93.5	7/25/1994	< 0.20	< 0.2	< 0.2	< 0.2	< 1	
	EMR	B-7E	60.0	88.5	7/25/1994	< 0.20	< 0.2	< 0.2	< 0.2	< 1	
	EMR	B-8A	30.0	118.5	7/25/1994	2.5	< 0.2	< 0.2	< 0.2	< 1	
	EMR	B-8C	40.0	108.5	7/25/1994	2.2	< 0.2	< 0.2	< 0.2	< 1	
B-8		B-8E	45.0 50.0	08.5	7/25/1994	<b>0.43</b>	< 0.2	< 0.2	< 0.2	< 1	
		B-8F	55.0	98.5 93.5	7/25/1994	< 0.20	< 0.2	< 0.2	< 0.2	< 1	
	EMR	B-8G	60.0	88.5	7/25/1994	< 0.20	< 0.2	< 0.2	< 0.2	<1	
			1994	EMR Reme	dial Excavation	n - Former Dr	y Cleaner				
SS-1 *	EMR	SS-1	2.0	146.5	6/22/1994	410	0.34	< 0.2	< 0.2	< 1	
PX-1	EMR	PX-1	12.0	136.5	7/11/1994	0.62	< 0.2	< 0.2	< 0.2	< 1	
PX-2	EMR	PX-2	12.0	136.5	7/11/1994	0.36	< 0.2	< 0.2	< 0.2	< 1	
PX-3	EMR	PX-3	12.0	136.5	7/11/1994	0.22	< 0.2	< 0.2	< 0.2	< 1	
PX-4	EMR	PX-4	15.0	133.5	7/11/1994	1.7	< 0.2	< 0.2	< 0.2	< 1	
PX-5	EMR	PX-5	15.0	133.5	7/11/1994	< 0.2	< 0.2	< 0.2	< 0.2	< 1	
PA-0 PX-7	EMR	PX-0	12.0	136.5	7/11/1994	0.2	< 0.2	< 0.2	< 0.2	< 1	
PX-8	EMR	PX-8	15.0	133.5	7/11/1994	1.0	< 0.2	< 0.2	< 0.2	< 1	
PX-9	EMR	PX-9	12.0	136.5	7/11/1994	1.5	< 0.2	< 0.2	< 0.2	< 1	
PX-10	EMR	PX-10	12.0	136.5	7/14/1994	< 0.2	< 0.2	< 0.2	< 0.2	< 1	
PX-11	EMR	PX-11	15.0	133.5	7/14/1994	1.9	< 0.2	< 0.2	< 0.2	< 1	
PX-12	EMR	PX-12	12.0	136.5	7/14/1994	< 0.2	< 0.2	< 0.2	< 0.2	< 1	
PX-13	EMR	PX-13	12.0	136.5	7/15/1994	< 0.2	< 0.2	< 0.2	< 0.2	< 1	
PX-14	EMR	PX-14	12.0	136.5	7/15/1994	0.85	< 0.2	< 0.2	< 0.2	< 1	
PX-15		PX-15	12.0	136.5	7/19/1994	0.27	< 0.2	< 0.2	< 0.2	< 1	
FX-10		FX-10	1994 Kenne	edv/Jenks R	emedial Invest	igation - For	∼ 0.2 mer Drv Clear	< 0.2	< 0.2		
	K/J	BB-1-15.0	15.0	133.5	8/5/1994	0.16	< 0.05				
	K/J	BB-1-25.0	25.0	123.5	8/5/1994	< 0.05	< 0.05				
	K/J	BB-1-35.0	35.0	113.5	8/5/1994	< 0.05	< 0.05				
BB-1	K/J	BB-1-45.0	45.0	103.5	8/5/1994	< 0.05	< 0.05				
	K/J	BB-1-55.0	55.0	93.5	8/5/1994	< 0.05	< 0.05				
	K/J	BB-1-60.0	60.0	88.5	8/5/1994	< 0.05	< 0.05				
	K/J	BB-1-65.0	65.0	83.5	8/5/1994	< 0.05	< 0.05				
	K/J	BB-1-70.0 BB-2-15.0	70.0 15.0	/ 0.0 133 5	8/5/1994	< 0.05	< 0.05				
	K/.J	BB-2-15.0	25.0	123.5	8/5/1994	0.88	< 0.05				
	K/J	BB-2-35.0	35.0	113.5	8/5/1994	0.77	< 0.05				
	K/J	BB-2-45.0	45.0	103.5	8/5/1994	0.16	< 0.05				
DD-2	K/J	BB-2-55.0	55.0	93.5	8/5/1994	0.16	< 0.05				
	K/J	BB-2-60.0	60.0	88.5	8/5/1994	< 0.05	< 0.05				
	K/J	BB-2-65.0	65.0	83.5	8/5/1994	< 0.05	< 0.05				
	K/J	BB-2-70.0	/0.0	/8.5	8/5/1994	< 0.05	< 0.05				
	K/J	BB-3-15.0	15.0	133.5	8/5/1994	0.43	< 0.05				
	K/.I	BB-3-35 0	35.0	113.5	8/5/1994	4.64	< 0.05				
	K/J	BB-3-45.0	45.0	103.5	8/5/1994	0.19	< 0.05				
BB-3	K/J	BB-3-55.0	55.0	93.5	8/5/1994	0.05	< 0.05				
	K/J	BB-3-60.0	60.0	88.5	8/5/1994	< 0.05	< 0.05				
	K/J	BB-3-65.0	65.0	83.5	8/5/1994	< 0.05	< 0.05				
	K/J	BB-3-70.0	70.0	78.5	8/5/1994	< 0.05	< 0.05				
	K/J	BB-4-15.0	15.0	133.5	8/5/1994	0.13	< 0.05				
	K/J	BB 4 25 0	25.0	123.5	8/5/1994	0.12	< 0.05				
	K/J K/I	BB-4-35.U	30.U 45.0	113.5	0/0/1994 8/5/100 <i>4</i>	< 0.05	< 0.05				
BB-4	K/.I	BB-4-55 0	55.0	93.5	8/5/1994	< 0.05	< 0.05				
	K/J	BB-4-60.0	60.0	88.5	8/5/1994	< 0.05	< 0.05				
	K/J	BB-4-65.0	65.0	83.5	8/5/1994	< 0.05	< 0.05				
	K/J	BB-4-70.0	70.0	78.5	8/5/1994	< 0.05	< 0.05				
MTCA Clean	up Levels for	Soil <sup>3</sup>				0.05	0.03	160 <sup>4</sup>	1,600 <sup>4</sup>	0.67 <sup>4</sup>	

			Sample	Sample Elevation		Analytical Results (milligrams per kilogram) <sup>2</sup>				
Sample Location	Sampled By	Sample Identification	Depth (feet) <sup>1</sup>	(feet NAVD88) <sup>1</sup>	Sample Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
	K/J	BB-5-15.0	15.0	133.5	8/5/1994	< 0.05	< 0.05			
	K/J K/T	BB-5-25.0 BB-5-35.0	25.0 35.0	123.5	8/5/1994 8/5/1994	0.15	< 0.05			
	K/J	BB-5-35.0 BB-5-45.0	45.0	103.5	8/5/1994	1.34	< 0.05			
BB-5	K/J	BB-5-55.0	55.0	93.5	8/5/1994	0.30	< 0.05			
	K/J	BB-5-60.0	60.0	88.5	8/5/1994	0.09	< 0.05			
	K/J	BB-5-65.0	65.0	83.5	8/5/1994	0.08	< 0.05			
	K/J	BB-5-70.0	70.0	78.5 133.5	8/5/1994 8/5/1004	< 0.05	< 0.05			
	K/J K/J	BB-6-25.0	25.0	123.5	8/5/1994 8/5/1994	0.13	< 0.05			
	K/J	BB-6-35.0	35.0	113.5	8/5/1994	2.17	< 0.05			
	K/J	BB-6-45.0	45.0	103.5	8/5/1994	< 0.05	< 0.05			
BB-6	K/J	BB-6-55.0	55.0	93.5	8/5/1994	0.06	< 0.05			
	K/J	BB-6-60.0	60.0	88.5	8/5/1994	< 0.05	< 0.05			
	K/J K/I	BB-6-65.0 BB-6-70.0	05.0 70.0	83.5 78.5	8/5/1994 8/5/1994	< 0.05	< 0.05			
	K/J	BB-6-80.0	80.0	68.5	8/5/1994	< 0.05	< 0.05			
	K/J	BB-7-15.0	15.0	133.5	8/5/1994	< 0.05	< 0.05			
	K/J	BB-7-25.0	25.0	123.5	8/5/1994	0.06	< 0.05			
	K/J	BB-7-35.0	35.0	113.5	8/5/1994	0.51	< 0.05			
BB-7	K/J	BB-7-45.0	45.0	103.5	8/5/1994	< 0.05	< 0.05			
	K/J K/J	BB-7-55.0 BB-7-60.0	55.0 60.0	93.5 88.5	8/5/1994 8/5/1994	< 0.05	< 0.05			
	K/J	BB-7-65.0	65.0	83.5	8/5/1994	< 0.05	< 0.05			
	K/J	BB-7-70.0	70.0	78.5	8/5/1994	< 0.05	< 0.05			
	K/J	BB-8-15.0	15.0	133.5	8/5/1994	< 0.05	< 0.05			
	K/J	BB-8-25.0	25.0	123.5	8/5/1994	0.89	< 0.05			
	K/J	BB-8-35.0	35.0	113.5	8/5/1994	0.06	< 0.05			
BB-8	K/J K/J	BB-8-45.0	45.0 55.0	93.5	8/5/1994 8/5/1994	< 0.05	< 0.05			
	K/J	BB-8-60.0	60.0	88.5	8/5/1994	< 0.05	< 0.05			
	K/J	BB-8-65.0	65.0	83.5	8/5/1994	< 0.05	< 0.05			
	K/J	BB-8-70.0	70.0	78.5	8/5/1994	< 0.05	< 0.05			
	K/J	BB-9-5.0	5.0	143.5	8/10/1994	< 0.01	< 0.01			
	K/J	BB-9-15.0	15.0	133.5	8/10/1994	0.01	< 0.01			
BB-9	K/J	BB-9-35.0	35.0	123.5	8/10/1994	0.03	< 0.01			
	K/J	BB-9-45.0	45.0	103.5	8/10/1994	0.04	< 0.01			
	K/J	BB-9-55.0	55.0	93.5	8/10/1994	< 0.01	< 0.01			
	K/J	BB-9-60.0	60.0	88.5	8/10/1994	< 0.01	< 0.01			
	K/J	BB-10-5.0	5.0	143.5	8/10/1994	< 0.01	< 0.01			
	K/J K/J	BB-10-15.0 BB-10-25.0	15.0 25.0	133.5	8/10/1994	< 0.01	< 0.01			
BB-10	K/J	BB-10-25.0 BB-10-35.0	35.0	113.5	8/10/1994	0.05	< 0.01			
	K/J	BB-10-45.0	45.0	103.5	8/10/1994	< 0.01	< 0.01			
	K/J	BB-10-55.0	55.0	93.5	8/10/1994	0.03	< 0.01			
	K/J	BB-10-62.0	62.0	86.5	8/10/1994	< 0.01	< 0.01			
	K/J	BB-11-5.0	5.0	143.5	8/10/1994	< 0.01	< 0.01			
	K/J	BB-11-15.0 BB-11-25.0	25.0	123.5	8/10/1994	< 0.01	< 0.01			
BB-11	K/J	BB-11-35.0	35.0	113.5	8/10/1994	0.02	< 0.01			
	K/J	BB-11-45.0	45.0	103.5	8/10/1994	0.07	< 0.01			
	K/J	BB-11-55.0	55.0	93.5	8/10/1994	0.08	< 0.01			
	K/J	BB-11-60.0	60.0 5.0	88.5	8/10/1994	0.06	< 0.01			
	K/J	BB-12-5.0 BB-12-15.0	15.0	143.5	8/10/1994	0.03	< 0.01			
	K/J	BB-12-25.0	25.0	123.5	8/10/1994	0.01	< 0.01			
	K/J	BB-12-35.0	35.0	113.5	8/10/1994	0.08	< 0.01			
	K/J	BB-12-45.0	45.0	103.5	8/10/1994	0.54	< 0.01			
	K/J	BB-12-55.0	55.0	93.5	8/10/1994	0.39	0.06			
BB-12	K/J K/I	BB-12-60.0 BB-12-65.0	65.0	83.5 83.5	8/10/1994 8/10/1004	0.42	< 0.01 < 0.01			
	K/J	BB-12-70.0	70.0	78.5	8/10/1994	0.26	< 0.01			
	K/J	BB-12-77.0	77.0	71.5	8/10/1994	0.07	< 0.01			
	K/J	BB-12-80.0	80.0	68.5	8/10/1994	< 0.01	< 0.01			
	K/J	BB-12-85.0	85.0	63.5	8/10/1994	< 0.01	< 0.01			
MTCA O	K/J	BB-12-90.0	90.0	58.5	8/10/1994	0.03	< 0.01	 460 <sup>4</sup>		 0.c7 <sup>4</sup>
IVITCA Clean	up Levels for	3011				0.05	0.03	100	1,000	0.07

			Sample	Sample Elevation		Analytical Results (milligrams per kilogram) <sup>2</sup>				
Sample Location	Sampled By	Sample Identification	Depth (feet) <sup>1</sup>	(feet NAVD88) <sup>1</sup>	Sample Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
	K/J	BB-13-5.0	5.0	143.5	8/10/1994	< 0.01	< 0.01			
	K/J	BB-13-15.0	15.0	133.5	8/10/1994	< 0.01	< 0.01			
	K/J	BB-13-25.0	25.0	123.5	8/10/1994	< 0.01	< 0.01			
	K/J	BB-13-35.0	35.0	113.5	8/10/1994	< 0.01	< 0.01			
	K/J	BB-13-45.0	45.0	103.5	8/10/1994	< 0.01	< 0.01			
BB-13	K/J	BB-13-55.0	55.0	93.5	8/10/1994	0.04	< 0.01			
	K/J	BB-13-60.0	60.0	88.5	8/10/1994	0.22	< 0.01			
	K/J	BB-13-70.0	70.0	/8.5	8/10/1994	0.61	< 0.01			
	K/J	BB-13-80.0	80.0	08.5 62.5	8/10/1994	0.07	< 0.01			
	K/J	BB-13-00.0	00.0	58 5	8/10/1994	< 0.01	< 0.01			
	K/J	BB-13-90.0 BB-14-5.0	5.0	143.5	8/10/1994	< 0.01	< 0.01			
	K/.I	BB-14-15.0	15.0	133.5	8/10/1994	< 0.01	< 0.01			
	K/J	BB-14-25.0	25.0	123.5	8/10/1994	< 0.01	< 0.01			
BB-14	K/J	BB-14-35.0	35.0	113.5	8/10/1994	0.03	< 0.01			
	K/J	BB-14-45.0	45.0	103.5	8/10/1994	< 0.01	< 0.01			
	K/J	BB-14-55.0	55.0	93.5	8/10/1994	< 0.01	< 0.01			
	K/J	BB-14-60.0	60.0	88.5	8/10/1994	< 0.01	< 0.01			
	•	2003 FI	oyd Snider	McCarthy C	leanup Action	- Stormwate	r Manhole So	urce Area		
North	FSM	North-7.5	7.5	143.5	9/26/2003	0.015	< 0.01	< 0.01	< 0.01	< 0.01
Sidewall	FSM	North-12.5	12.5	138.5	9/26/2003	0.2	< 0.17	< 0.17	< 0.17	< 0.17
	FSM	North-17.5	17.5	133.5	9/26/2003	0.57	< 0.18	< 0.18	< 0.18	< 0.18
	FSM	East-7.5	7.5	143.5	9/26/2003	5	< 0.18	< 0.18	< 0.18	< 0.18
East Sidewall	FSM	East-12.5	12.5	138.5	9/26/2003	0.046	< 0.01	< 0.01	< 0.01	< 0.01
	FSM	East-17.5	17.5	133.5	9/26/2003	0.26	< 0.19	< 0.19	< 0.19	< 0.19
	FSM	P1-South-7.5 ^	7.5	143.5	9/26/2003	0.39	< 0.16	< 0.16	< 0.16	< 0.16
	FSM	P1-South-12.5 ^	12.5	138.5	9/26/2003	200	< 36	< 36	< 36	< 36
South	FSM	P1-South-17.5 *	17.5	133.5	9/26/2003	3,000	< 140	< 140	< 140	< 140
Sidewall	FSM	South 12 5	1.5	143.5	10/2/2003	0.024	< 0.01	< 0.01	< 0.01	< 0.01
	FSM	South 17.5	12.0	130.0	10/2/2003	0.55	< 0.01	< 0.01	< 0.01	< 0.01
	ESM	P1-West-7.5 ^	7.5	143.5	9/26/2003	0.10	< 0.01	< 0.01	< 0.01	< 0.01
	FSM	P1-West-12.5 ^	12.5	138.5	9/26/2003	61	< 0.2	< 0.2	< 0.2	< 0.2
West	FSM	P1-West-17.5 ^	17.5	133.5	9/26/2003	0.3	< 0.16	< 0.16	< 0.16	< 0.16
Sidewall	FSM	West-7.5	7.5	143.5	10/2/2003	0.021	< 0.01	< 0.01	< 0.01	< 0.01
	FSM	West-12.5	12.5	138.5	10/2/2003	0.15	< 0.01	< 0.01	< 0.01	< 0.01
	FSM	West-17.5	17.5	133.5	10/2/2003	0.37	< 0.01	< 0.01	< 0.01	< 0.01
NW-Base	FSM	NW-Base-20.0	20.0	131.0	9/26/2003	0.055	< 0.01	< 0.01	< 0.01	< 0.01
NE-Base	FSM	NE-Base-20.0	20.0	131.0	9/26/2003	0.035	< 0.01	< 0.01	< 0.01	< 0.01
SE-Base	FSM	SE-Base-20.0	20.0	131.0	9/26/2003	0.031	< 0.01	< 0.01	< 0.01	< 0.01
SW-Base	FSM	SW-Base-20.0	20.0	131.0	9/26/2003	0.027	< 0.01	< 0.01	< 0.01	< 0.01
		201	19 Hart Cro	wser and Fa	rallon Geotec	hnical/Subsu	rface Investig	ation		
	HC	HC1-5.0	5.0	150.0	10/31/2019	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
	HC	HC1-10.0	10.0	145.0	10/31/2019	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013
	HC	HC1-20.0	20.0	135.0	10/31/2019	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013
	HC	HC1-25.0	25.0	130.0	10/31/2019	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
HC-1	HC	HC1-30.0	30.0	125.0	10/31/2019	< 0.00090	< 0.00090	< 0.00090	< 0.00090	< 0.00090
110-1	НС	HC1-40.0	40.0	115.0	10/31/2019	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013
	HC	HC1-50 0	50.0	105.0	10/31/2019	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080
	HC	HC1-60.0	60.0	95.0	10/31/2019	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
	HC	HC1-70.0	70.0	85.0	10/31/2019	< 0.00094	< 0.00094	< 0.00094	< 0.00094	< 0.00094
	HC	HC1-80.0	80.0	75.0	10/31/2019	< 0.00098	< 0.00098	< 0.00098	< 0.00098	< 0.00098
	HC	HC2-5.0	5.0	151.0	11/1/2019	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
	HC	HC2-10.0	10.0	146.0	11/1/2019	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
	HC	HC2-15.0	15.0	141.0	11/1/2019	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013
	HC	HC2-20.0	20.0	136.0	11/1/2019	< 0.0011	< 0.0011	< 0.0011	< 0.001	< 0.0011
	HC	HC2-25.0	25.0	131.0	11/1/2019	< 0.00095	< 0.00095	< 0.00095	< 0.00095	< 0.00095
HC-2	HC	HC2-30.0	30.0	126.0	11/1/2019	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	HC	HC2-40.0	40.0	116.0	11/1/2019	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
	HC	HC2-50.0	50.0	106.0	11/1/2019	< 0.00090	< 0.00090	< 0.00090	< 0.00090	< 0.00090
	HC	HC2-60.0	60.0	96.0	11/1/2019	< 0.00088	< 0.00088	< 0.00088	< 0.00088	< 0.00088
			70.0	80.U	11/1/2019	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
		⊓∪∠-80.0	ðU.U	10.0	11/1/2019	< 0.0011	< 0.0011	< 0.0011 160 <sup>4</sup>	1 600 <sup>4</sup>	< 0.0011 0 67 <sup>4</sup>
LINI CA Clean	uh reveis tol	3011				0.05	0.03	100	1,000	0.07

			Sample	Sample Elevation			Analytical Re	esults (milligram	ns per kilogram) <sup>2</sup>	
Sample Location	Sampled By	Sample Identification	Depth (feet) <sup>1</sup>	(feet NAVD88) <sup>1</sup>	Sample Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
	HC	HC3-5.0	5.0	142.0	11/4/2019	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	HC	HC3-10.0	10.0	137.0	11/4/2019	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	HC	HC3-15.0	15.0 20.0	132.0	11/4/2019	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	HC	HC3-25.0	20.0	127.0	11/4/2019	< 0.00090	< 0.00090	< 0.00098	< 0.00098	< 0.00090
110.0	HC	HC3-30.0	30.0	117.0	11/4/2019	0.0031	< 0.0012	< 0.0012	< 0.0012	< 0.0012
HC-3	HC	HC3-35.0	35.0	112.0	11/4/2019	0.0032	< 0.00088	< 0.00088	< 0.00088	< 0.00088
	HC	HC3-40.0	40.0	107.0	11/4/2019	0.0085	< 0.0012	< 0.0012	< 0.0012	< 0.0012
	HC	HC3-50.0	50.0	97.0	11/4/2019	< 0.00091	< 0.00091	< 0.00091	< 0.00091	< 0.00091
	HC	HC3-60.0	60.0	87.0	11/4/2019	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
	HC	HC3-70.0	70.0 80.0	67.0	11/4/2019	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096
	110	1100 00.0	00.0	2021 Fara	Ilon Subsurfa	ce Investigati	on	0.0011	10.0011	0.0011
	Farallon	FB-1-5.0	5.0	148.0	8/12/2021	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	Farallon	FB-1-10.0	10.0	143.0	8/12/2021	0.0030	< 0.00092	< 0.00092	< 0.00092	< 0.00092
	Farallon	FB-1-15.0	15.0	138.0	8/12/2021	0.0025	< 0.00089	< 0.00089	< 0.00089	< 0.00089
	Farallon	FB-1-20.0	20.0	133.0	8/12/2021	< 0.00081	< 0.00081	< 0.00081	< 0.00081	< 0.00081
	Faralion	FB-1-25.0 FB-1-30.0	25.0	128.0	8/12/2021	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
	Farallon	FB-1-35.0	35.0	123.0	8/12/2021	< 0.00077	< 0.00077	< 0.00077	< 0.00077	< 0.00077
FB-1	Farallon	FB-1-40.0	40.0	113.0	8/12/2021	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	Farallon	FB-1-45.0	45.0	108.0	8/12/2021	< 0.00088	< 0.00088	< 0.00088	< 0.00088	< 0.00088
	Farallon	FB-1-50.0	50.0	103.0	8/12/2021	< 0.00075	< 0.00075	< 0.00075	< 0.00075	< 0.00075
	Farallon	FB-1-55.0	55.0	98.0	8/12/2021	< 0.00075	< 0.00075	< 0.00075	< 0.00075	< 0.00075
	Farallon	FB-1-60.0	60.0 65.0	93.0	8/12/2021	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
	Farallon	FB-1-05.0 FB-1-70.0	70.0	83.0	8/12/2021	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	Farallon	FB-2-5.0	5.0	140.0	8/6/2021	< 0.00098	< 0.00098	< 0.00098	< 0.00098	< 0.00098
	Farallon	FB-2-10.0	10.0	135.0	8/6/2021	< 0.00087	< 0.00087	< 0.00087	< 0.00087	< 0.00087
	Farallon	FB-2-15.0	15.0	130.0	8/6/2021	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096
	Farallon	FB-2-20.0	20.0	125.0	8/6/2021	< 0.00090	< 0.00090	< 0.00090	< 0.00090	< 0.00090
	Farallon	FB-2-25.0	25.0	120.0	8/6/2021	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	Faralion	FB-2-30.0 FB-2-35.0	30.0	115.0	8/6/2021	< 0.00095	< 0.00095	< 0.00095	< 0.00095	< 0.00095
FB-2	Farallon	FB-2-40.0	40.0	105.0	8/6/2021	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092
	Farallon	FB-2-45.0	45.0	100.0	8/6/2021	0.0017	< 0.00098	< 0.00098	< 0.00098	< 0.00098
	Farallon	FB-2-50.0	50.0	95.0	8/6/2021	0.0024	< 0.00084	< 0.00084	< 0.00084	< 0.00084
	Farallon	FB-2-55.0	55.0	90.0	8/6/2021	0.0013	< 0.00093	< 0.00093	< 0.00093	< 0.00093
	Farallon	FB-2-60.0	60.0	85.0	8/6/2021	0.0040	< 0.00094	< 0.00094	< 0.00094	< 0.00094
	Farallon	FB-2-65.0 FB-2-70.0	05.0 70.0	80.0 75.0	8/6/2021	< 0.00089	< 0.00089	< 0.00089	< 0.00089	< 0.00089
	Farallon	FB-2-75.0	75.0	70.0	8/6/2021	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
	Farallon	FB-3-5.0	5.0	136.0	8/9/2021	< 0.00066	< 0.00066	< 0.00066	< 0.00066	< 0.00066
	Farallon	FB-3-10.0	10.0	131.0	8/9/2021	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069
	Farallon	FB-3-15.0	15.0	126.0	8/9/2021	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074
	Farallon	FB-3-20.0	20.0	121.0	8/9/2021	< 0.00070	< 0.00070	< 0.00070	< 0.00070	< 0.00070
	Farallon	FB-3-20.0	25.0 30.0	111.0	8/9/2021	< 0.00079	< 0.00079	< 0.00079	< 0.00079	< 0.00079
	Farallon	FB-3-35.0	35.0	106.0	8/9/2021	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096
FB-3	Farallon	FB-3-40.0	40.0	101.0	8/9/2021	0.0099	< 0.00085	< 0.00085	< 0.00085	< 0.00085
	Farallon	FB-3-45.0	45.0	96.0	8/9/2021	0.0037	< 0.00078	< 0.00078	< 0.00078	< 0.00078
	Farallon	FB-3-50.0	50.0	91.0	8/9/2021	0.0097	< 0.00085	< 0.00085	< 0.00085	< 0.00085
	Farallon	FB-3-55.0	55.0	86.0	8/9/2021	< 0.00075	< 0.00075	< 0.00075	< 0.00075	< 0.00075
	Farallon	FB-3-65.0	60.0 65.0	76.0	8/9/2021	0.0030	< 0.00082	< 0.00082	< 0.00082	< 0.00082
	Farallon	FB-3-70.0	70.0	70.0	8/9/2021	0.0039	< 0.00079	< 0.00079	< 0.00079	< 0.00079
	Farallon	FB-3-75.0	75.0	66.0	8/9/2021	0.0027	< 0.00089	< 0.00089	< 0.00089	< 0.00089
	Farallon	FB-4-5.0	5.0	145.0	8/13/2021	< 0.00090	< 0.00090	< 0.00090	< 0.00090	< 0.00090
	Farallon	FB-4-10.0	10.0	140.0	8/13/2021	< 0.00090	< 0.00090	< 0.00090	< 0.00090	< 0.00090
	Farallon	FB-4-15.0	15.0	135.0	8/13/2021	< 0.00071	< 0.00071	< 0.00071	< 0.00071	< 0.00071
	Farallon	гв-4-20.0 FR <b>-</b> 4-25 0	20.0	130.0	0/13/2021 8/13/2021	< 0.00087	< 0.00087	< 0.00087 < 0.00085	< 0.00087	< 0.00087
FB-4	Farallon	FB-4-30.0	30.0	120.0	8/13/2021	< 0.00089	< 0.00089	< 0.00089	< 0.00089	< 0.00089
	Farallon	FB-4-35.0	35.0	115.0	8/13/2021	< 0.00081	< 0.00081	< 0.00081	< 0.00081	< 0.00081
	Farallon	FB-4-40.0	40.0	110.0	8/13/2021	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080
	Farallon	FB-4-45.0	45.0	105.0	8/13/2021	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080
	Farallon	FB-4-50.0	50.0	100.0	8/13/2021	< 0.00095	< 0.00095	< 0.00095	< 0.00095	< 0.00095
INITCA Clean	up Levels for	2011				0.05	0.03	160	1,600	U.6/

			Sample	Sample Elevation		Analytical Results (milligrams per kilogram) <sup>2</sup>				
Sample Location	Sampled By	Sample Identification	Depth (feet) <sup>1</sup>	(feet NAVD88) <sup>1</sup>	Sample Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
	Farallon	FB-5-5.0	5.0	, 143.0	8/2/2021	< 0.0014	< 0.0014	< 0.0014	< 0.0014	< 0.0014
	Farallon	FB-5-10.0	10.0	138.0	8/2/2021	< 0.00088	< 0.00088	< 0.00088	< 0.00088	< 0.00088
	Farallon	FB-5-15.0	15.0	133.0	8/2/2021	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080
	Farallon	FB-5-20.0	20.0	128.0	8/2/2021	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
	Farallon	FB-5-25.0	25.0	123.0	8/2/2021	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096
	Farallon	FB-5-30.0	30.0	118.0	8/2/2021	< 0.00078	< 0.00078	< 0.00078	< 0.00078	< 0.00078
	Farallon	FB-5-35.0	35.0	113.0	8/2/2021	< 0.00091	< 0.00091	< 0.00091	< 0.00091	< 0.00091
FB-5	Farallon	FB-5-40.0	40.0	108.0	8/2/2021	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
	Farallon	FB-5-45.0	45.0	103.0	8/2/2021	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	Farallon	FB-5-50.0	50.0	98.0	8/2/2021	< 0.00098	< 0.00098	< 0.00098	< 0.00098	< 0.00098
	Farallon	FB-5-55.0	55.0	93.0	8/2/2021	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	Farallon	FB-5-60.0	60.0	88.0	8/2/2021	< 0.00097	< 0.00097	< 0.00097	< 0.00097	< 0.00097
	Farallon	FB-5-65.0	65.0	83.0	8/2/2021	< 0.00097	< 0.00097	< 0.00097	< 0.00097	< 0.00097
	Farallon	FB-5-70.0	70.0	78.0	8/2/2021	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	Farallon	FB-0-70.0	75.0 5.0	73.0 142.0	8/2/2021	< 0.0011				< 0.0011
	Farallon	FB-6-10.0	10.0	142.0	8/9/2021	0.0020	< 0.00003	< 0.00083	< 0.00083	< 0.00083
	Farallon	FB-6-15.0	15.0	132.0	8/9/2021	0.018	< 0.00073	< 0.00073	< 0.00073	< 0.00073
	Farallon	FB-6-20.0	20.0	127.0	8/9/2021	0.016	< 0.00080	< 0.00080	< 0.00080	< 0.00080
	Farallon	FB-6-25.0	25.0	122.0	8/9/2021	0.031	< 0.00075	< 0.00075	< 0.00075	< 0.00075
	Farallon	FB-6-30.0	30.0	117.0	8/9/2021	0.12	< 0.00081	< 0.00081	< 0.00081	< 0.00081
	Farallon	FB-6-35.0	35.0	112.0	8/9/2021	1.4	0.020	< 0.00075	< 0.00075	< 0.00075
FB-6	Farallon	FB-6-40.0	40.0	107.0	8/9/2021	0.075	0.0039	< 0.00080	< 0.00080	< 0.00080
	Farallon	FB-6-45.0	45.0	102.0	8/9/2021	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
	Faralion	FB-6-50.0	50.0	97.0	8/9/2021	< 0.00073	< 0.00073	< 0.00073	< 0.00073	< 0.00073
	Farallon	FB-6-60.0	60 0	92.0 87.0	8/9/2021	< 0.00078	< 0.00078	< 0.00078	< 0.00078	< 0.00078
	Farallon	FB-6-65.0	65.0	82.0	8/9/2021	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074
	Farallon	FB-6-70.0	70.0	77.0	8/9/2021	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069
	Farallon	FB-6-75.0	75.0	72.0	8/9/2021	< 0.00075	< 0.00075	< 0.00075	< 0.00075	< 0.00075
	Farallon	FB-7-5.0	5.0	144.5	8/6/2021	0.051	< 0.00082	< 0.00082	< 0.00082	< 0.00082
	Farallon	FB-7-10.0	10.0	139.5	8/6/2021	0.043	< 0.00081	< 0.00081	< 0.00081	< 0.00081
	Farallon	FB-7-15.0	15.0	134.5	8/6/2021	0.032	< 0.00075	< 0.00075	< 0.00075	< 0.00075
	Farallon	FB-7-20.0	20.0	129.5	8/6/2021	0.0067	< 0.00095	< 0.00095	< 0.00095	< 0.00095
	Farallon	FB-7-25.0 FB-7-30.0	25.0	124.5	8/6/2021	< 0.0025	< 0.00070	< 0.00070	< 0.00070	< 0.00070
	Farallon	FB-7-35.0	35.0	114.5	8/6/2021	< 0.00097	< 0.00097	< 0.00097	< 0.00097	< 0.00097
FB-7	Farallon	FB-7-40.0	40.0	109.5	8/6/2021	< 0.00097	< 0.00097	< 0.00097	< 0.00097	< 0.00097
	Farallon	FB-7-45.0	45.0	104.5	8/6/2021	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	Farallon	FB-7-50.0	50.0	99.5	8/6/2021	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096
	Farallon	FB-7-55.0	55.0	94.5	8/6/2021	< 0.00091	< 0.00091	< 0.00091	< 0.00091	< 0.00091
	Farallon	FB-7-60.0	60.0	89.5	8/6/2021	< 0.00088	< 0.00088	< 0.00088	< 0.00088	< 0.00088
	Farallon	FB-7-65.0	65.0	84.5	8/6/2021	< 0.00095	< 0.00095	< 0.00095	< 0.00095	< 0.00095
	Farallon	FB-7-70.0	70.0	79.0 75.5	8/6/2021	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	Farallon	FB-8-5.0	5.0	147.0	8/5/2021	< 0.00070	< 0.00070	< 0.00070	< 0.00070	< 0.00070
	Farallon	FB-8-10.0	10.0	142.0	8/5/2021	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074
	Farallon	FB-8-15.0	15.0	137.0	8/5/2021	< 0.00081	< 0.00081	< 0.00081	< 0.00081	< 0.00081
	Farallon	FB-8-20.0	20.0	132.0	8/5/2021	< 0.00075	< 0.00075	< 0.00075	< 0.00075	< 0.00075
	Farallon	FB-8-25.0	25.0	127.0	8/5/2021	0.0073	< 0.00076	< 0.00076	< 0.00076	< 0.00076
	Farallon	FB-8-30.0	30.0	122.0	8/5/2021	0.0097	< 0.00076	< 0.00076	< 0.00076	< 0.00076
	Farallon	FB-8-35.0	35.0	117.0	8/5/2021	0.0029	< 0.00064	< 0.00064	< 0.00064	< 0.00064
FD-0	Farallon	FB-8-40.0	40.0	112.0	8/5/2021	0.0014	< 0.00081	< 0.00081	< 0.00081	< 0.00081
	Farallon	FB-8-50.0	43.0 50.0	107.0	8/6/2021	< 0.0020	< 0.00073	< 0.00073	< 0.00073	< 0.00073
	Farallon	FB-8-55.0	55.0	97.0	8/6/2021	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069
	Farallon	FB-8-60.0	60.0	92.0	8/6/2021	< 0.00072	< 0.00072	< 0.00072	< 0.00072	< 0.00072
	Farallon	FB-8-65.0	65.0	87.0	8/6/2021	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074
	Farallon	FB-8-70.0	70.0	82.0	8/6/2021	< 0.00075	< 0.00075	< 0.00075	< 0.00075	< 0.00075
	Farallon	FB-8-75.0	75.0	77.0	8/6/2021	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080
<b>FD 0</b>	Farallon	FB-9-5.0	5.0	146.0	8/4/2021	0.012	< 0.00093	< 0.00093	< 0.00093	< 0.00093
FB-9	Farallon	FB-9-10.0	10.0	141.0	8/4/2021	0.054	< 0.0011	< 0.0011	< 0.0011	< 0.0011
	Farallon	FB-9-15.0 FR-10-5.0	10.U 5.0	130.0	0/4/2021 8/4/2021	0.019	< 0.0011		< 0.0011	< 0.0011
FB-10	Farallon	FB-10-10 0	10.0	142.0	8/4/2021	0.0036	< 0.0010	< 0.00075	< 0.0010	< 0.00075
	Farallon	FB-10-14.0	14.0	138.0	8/4/2021	0.0020	< 0.00085	< 0.00085	< 0.00085	< 0.00085
	Farallon	FB-11-5.0	5.0	148.0	8/4/2021	< 0.00094	< 0.00094	< 0.00094	< 0.00094	< 0.00094
FB-11	Farallon	FB-11-10.0	10.0	143.0	8/4/2021	< 0.00084	< 0.00084	< 0.00084	< 0.00084	< 0.00084
	Farallon	FB-11-14.0	14.0	139.0	8/4/2021	< 0.00082	< 0.00082	< 0.00082	< 0.00082	< 0.00082
	Farallon	FB-12-5.0	5.0	149.0	8/4/2021	< 0.00085	< 0.00085	< 0.00085	< 0.00085	< 0.00085
FB-12	Farallon Farallan	FB-12-10.0	10.0	144.0	8/4/2021	< 0.00088	< 0.00088	< 0.00088	< 0.00088	< 0.00088
	Farallon	FR_12-12.0	15.0	139.0	8/4/2021	< 0.00088 < 0.00081	< 0.00088 < 0.00081	< 0.00088 < 0.00081	< 0.00088 < 0.00081	< 0.00088 < 0.00081
MTCA Clean	up Levels for	Soil <sup>3</sup>			<i></i>	0.05	0.03	160 <sup>4</sup>	1,600 <sup>4</sup>	0.67 <sup>4</sup>

			Sample	Sample Elevation		Analytical Results (milligrams per kilogram) <sup>2</sup>				
Sample Location	Sampled By	Sample Identification	Depth (feet) <sup>1</sup>	(feet NAVD88) <sup>1</sup>	Sample Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
	Farallon	FB-13-5.0	5.0	138.0	8/4/2021	< 0.00085	< 0.00085	< 0.00085	< 0.00085	< 0.00085
FB-13	Farallon	FB-13-10.0	10.0	133.0	8/4/2021	< 0.00093	< 0.00093	< 0.00093	< 0.00093	< 0.00093
	Farallon	FB-14-5.0	5.0	129.0	8/4/2021	< 0.00090	< 0.00090	< 0.00080	< 0.00090	< 0.00000
FB-14	Farallon	FB-14-10.0	10.0	134.0	8/4/2021	< 0.00084	< 0.00084	< 0.00084	< 0.00084	< 0.00084
	Farallon	FB-14-12.0	12.0	132.0	8/4/2021	< 0.00088	< 0.00088	< 0.00088	< 0.00088	< 0.00088
	Farallon	FB-15-5.0	5.0	138.0	8/4/2021	< 0.00093	< 0.00093	< 0.00093	< 0.00093	< 0.00093
FB-15	Farallon	FB-15-10.0	10.0	133.0	8/4/2021	< 0.00093	< 0.00093	< 0.00093	< 0.00093	< 0.00093
	Farallon	FB-16-5.0	5.0	131.0	8/4/2021	< 0.00087	< 0.00087	< 0.00087	< 0.00087	< 0.00087
FB-16	Farallon	FB-16-10.0	10.0	133.0	8/4/2021	< 0.00087	< 0.00087	< 0.00087	< 0.00087	< 0.00087
	Farallon	FB-19-5.0	5.0	148.0	2/17/2022	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
FB-19	Farallon	FB-19-10.0	10.0	143.0	2/17/2022	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013
	Farallon	FB-19-15.0 FB-19-20.0	15.0 20.0	138.0	2/17/2022	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
	Farallon	FB-20-5.0	5.0	148.0	2/17/2022	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
EB 20	Farallon	FB-20-10.0	10.0	143.0	2/18/2022	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
10-20	Farallon	FB-20-15.0	15.0	138.0	2/18/2022	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	Farallon	FB-20-20.0	20.0	133.0	2/18/2022	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	Farallon	FB-21-5.0 FB-21-10.0	5.0	148.0	2/18/2022	< 0.00098	< 0.00097	< 0.00097	< 0.00097	< 0.00097
FB-21	Farallon	FB-21-15.0	15.0	138.0	2/18/2022	0.0019	< 0.0012	< 0.0012	< 0.0012	< 0.0012
	Farallon	FB-21-20.0	20.0	133.0	2/18/2022	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	Farallon	FB-22-5.0	5.0	148.0	2/17/2022	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
FB-22	Farallon	FB-22-10.0	10.0	143.0	2/17/2022	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	Farallon	FB-22-15.0 FB-22-20.0	20.0	138.0	2/17/2022	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
	Farallon	FMW-8-5.0	5.0	149.5	8/17/2021	< 0.00085	< 0.00085	< 0.00085	< 0.00085	< 0.00085
	Farallon	FMW-8-10.0	10.0	144.5	8/17/2021	< 0.00078	< 0.00078	< 0.00078	< 0.00078	< 0.00078
	Farallon	FMW-8-15.0	15.0	139.5	8/17/2021	< 0.00073	< 0.00073	< 0.00073	< 0.00073	< 0.00073
	Farallon	FMW-8-20.0	20.0	134.5	8/17/2021	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096
	Farallon	FMW-8-30.0	30.0	123.5	8/17/2021	< 0.00093	< 0.00093	< 0.00093	< 0.00093	< 0.00093
	Farallon	FMW-8-35.0	35.0	119.5	8/17/2021	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096
	Farallon	FMW-8-40.0	40.0	114.5	8/17/2021	< 0.00091	< 0.00091	< 0.00091	< 0.00091	< 0.00091
	Farallon	FMW-8-45.0	45.0	109.5	8/17/2021	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
	Farallon	FMW-8-55.0	55.0	99.5	8/17/2021	< 0.00089	< 0.00089	< 0.00089	< 0.00089	< 0.00089
FMW-8	Farallon	FMW-8-60.0	60.0	94.5	8/17/2021	< 0.00087	< 0.00087	< 0.00087	< 0.00087	< 0.00087
	Farallon	FMW-8-65.0	65.0	89.5	8/17/2021	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
	Farallon	FMW-8-70.0	70.0	84.5	8/17/2021	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092
	Farallon	FMW-8-75.0	75.0 80.0	79.5	8/17/2021	< 0.00089	< 0.00089	< 0.00089	< 0.00089	< 0.00089
	Farallon	FMW-8-85.0	85.0	69.5	8/17/2021	< 0.00079	< 0.00079	< 0.00079	< 0.00079	< 0.00079
	Farallon	FMW-8-90.0	90.0	64.5	8/17/2021	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	Farallon	FMW-8-95.0	95.0	59.5	8/17/2021	< 0.00098	< 0.00098	< 0.00098	< 0.00098	< 0.00098
	Farallon	FMW-8-100.0	100.0	54.5 49.5	8/17/2021	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092
	Farallon	FMW-8-110.0	110.0	49.5	8/17/2021	< 0.00087	< 0.00087	< 0.00080	< 0.00087	< 0.00080
	Farallon	FMW-8-115.0	115.0	39.5	8/17/2021	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096
	Farallon	FMW-9-5.0	5.0	149.6	8/18/2021	< 0.00077	< 0.00077	< 0.00077	< 0.00077	< 0.00077
	Farallon	FMW-9-10.0	10.0	144.6	8/18/2021	< 0.00084	< 0.00084	< 0.00084	< 0.00084	< 0.00084
	Farallon	FMW-9-20.0	20.0	139.0	8/18/2021	< 0.00072	< 0.00072	< 0.00072	< 0.00072	< 0.00072
	Farallon	FMW-9-25.0	25.0	129.6	8/18/2021	< 0.00082	< 0.00082	< 0.00082	< 0.00082	< 0.00082
	Farallon	FMW-9-30.0	30.0	124.6	8/18/2021	< 0.00089	< 0.00089	< 0.00089	< 0.00089	< 0.00089
	Farallon	FMW-9-35.0	35.0	119.6	8/18/2021	< 0.00087	< 0.00087	< 0.00087	< 0.00087	< 0.00087
	Farallon	FMW-9-40.0 FMW-9-45.0	40.0	114.6	8/18/2021 8/18/2021	< 0.00087	< 0.00087	< 0.00087	< 0.00087	< 0.00087
	Farallon	FMW-9-50.0	50.0	103.6	8/18/2021	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
	Farallon	FMW-9-55.0	55.0	99.6	8/18/2021	< 0.00073	< 0.00073	< 0.00073	< 0.00073	< 0.00073
FMW-9	Farallon	FMW-9-60.0	60.0	94.6	8/18/2021	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074
	Farallon	FMW-9-65.0	65.0	89.6	8/18/2021	< 0.00082	< 0.00082	< 0.00082	< 0.00082	< 0.00082
	Farallon	FMW-9-75.0	75.0	79.6	8/18/2021	< 0.00037	< 0.00037	< 0.00037	< 0.00037	< 0.00037
	Farallon	FMW-9-80.0	80.0	74.6	8/18/2021	< 0.00073	< 0.00073	< 0.00073	< 0.00073	< 0.00073
	Farallon	FMW-9-85.0	85.0	69.6	8/18/2021	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
	Farallon	FMW-9-90.0	90.0	64.6	8/18/2021	< 0.00068	< 0.00068	< 0.00068	< 0.00068	< 0.00068
	⊢arallon Farallon	FIVIVV-9-95.0 FM\V/-9-100.0	95.0 100 0	59.6 54.6	8/19/2021 8/19/2021	< 0.00081 < 0.00082	< 0.00081 < 0.00082	< 0.00081 < 0.00082	< 0.00081 < 0.00082	< 0.00081 < 0.00082
	Farallon	FMW-9-105.0	105.0	49.6	8/19/2021	< 0.00073	< 0.00073	< 0.00073	< 0.00073	< 0.00073
	Farallon	FMW-9-110.0	110.0	44.6	8/19/2021	< 0.00065	< 0.00065	< 0.00065	< 0.00065	< 0.00065
	Farallon	FMW-9-115.0	115.0	39.6	8/19/2021	< 0.00062	< 0.00062	< 0.00062	< 0.00062	< 0.00062
MTCA Clean	up Levels for	Soil				0.05	0.03	160*	1,600⁻	0.67

			Sample	Sample Elevation		Analytical Results (milligrams per kilogram				
Sample Location	Sampled By	Sample Identification	Depth (feet) <sup>1</sup>	(feet NAVD88) <sup>1</sup>	Sample Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
	Farallon	FMW-10-5.0	5.0	142.9	8/4/2021	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
	Farallon	FMW-10-10.0	10.0	137.9	8/4/2021	< 0.00082	< 0.00082	< 0.00082	< 0.00082	< 0.00082
	Farallon	FMW-10-15.0	15.0	132.9	8/4/2021	< 0.00071	< 0.00071	< 0.00071	< 0.00071	< 0.00071
	Farallon	FMW-10-20.0	20.0	127.9	8/4/2021	< 0.00008	< 0.00000	< 0.00088	< 0.00088	< 0.00000
	Farallon	FMW-10-30.0	30.0	117.9	8/4/2021	< 0.00079	< 0.00079	< 0.00079	< 0.00079	< 0.00079
	Farallon	FMW-10-35.0	35.0	112.9	8/4/2021	< 0.00075	< 0.00075	< 0.00075	< 0.00075	< 0.00075
	Farallon	FMW-10-40.0	40.0	107.9	8/4/2021	< 0.00072	< 0.00072	< 0.00072	< 0.00072	< 0.00072
	Farallon	FMW-10-45.0	45.0	102.9	8/4/2021	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074
	Farallon	FMW-10-50.0	50.0	97.9	8/4/2021	< 0.00093	< 0.00093	< 0.00093	< 0.00093	< 0.00093
	Farallon	FMW-10-55.0	55.0 60.0	92.9	8/4/2021	< 0.00077	< 0.00077	< 0.00077	< 0.00077	< 0.00077
1 10100-10	Farallon	FMW-10-65.0	65.0	82.9	8/4/2021	< 0.00084	< 0.00084	< 0.00084	< 0.00084	< 0.00084
	Farallon	FMW-10-70.0	70.0	77.9	8/4/2021	< 0.00085	< 0.00085	< 0.00085	< 0.00085	< 0.00085
	Farallon	FMW-10-75.0	75.0	72.9	8/4/2021	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	Farallon	FMW-10-80.0	80.0	67.9	8/4/2021	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
	Farallon	FMW-10-85.0	85.0	62.9	8/5/2021	< 0.00075	< 0.00075	< 0.00075	< 0.00075	< 0.00075
	Farallon	FMW-10-90.0	90.0	57.9	8/5/2021	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
	Farallon	FMW-10-95.0	95.0	52.9	8/5/2021	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
	Farallon	FMW-10-100.0	100.0	47.9	8/5/2021	< 0.00078	< 0.00078	< 0.00078	< 0.00078	< 0.00078
	Farallon	FMW-10-105.0	105.0	42.9 37.0	8/5/2021	< 0.00065	< 0.00065	< 0.00065	< 0.00065	< 0.00065
	Farallon	FMW-10-115.0	115.0	32.9	8/5/2021	< 0.00085	< 0.00085	< 0.00085	< 0.00085	< 0.00085
	Farallon	FMW-11-5.0	5.0	143.8	8/10/2021	0.0096	< 0.00081	< 0.00081	< 0.00081	< 0.00081
	Farallon	FMW-11-10.0	10.0	138.8	8/10/2021	0.0054	< 0.00076	< 0.00076	< 0.00076	< 0.00076
	Farallon	FMW-11-15.0	15.0	133.8	8/10/2021	0.0050	< 0.00075	< 0.00075	< 0.00075	< 0.00075
	Farallon	FMW-11-20.0	20.0	128.8	8/10/2021	0.0019	< 0.00073	< 0.00073	< 0.00073	< 0.00073
	Farallon	FMW-11-25.0	25.0	123.8	8/10/2021	< 0.00079	< 0.00079	< 0.00079	< 0.00079	< 0.00079
	Farallon	FMW-11-30.0	30.0	118.8	8/10/2021	< 0.00078	< 0.00078	< 0.00078	< 0.00078	< 0.00078
	Farallon	FMW-11-35.0	35.0	113.8	8/10/2021	< 0.00082	< 0.00082	< 0.00082	< 0.00082	< 0.00082
	Farallon	FMW-11-40.0	40.0	108.8	8/10/2021	< 0.00073	< 0.00073	< 0.00073	< 0.00073	< 0.00073
	Farallon	FMW-11-45.0	45.0	103.8	8/10/2021	< 0.00082	< 0.00082	< 0.00082	< 0.00082	< 0.00082
	Farallon	FMW-11-50.0	50.0	98.8	8/10/2021	< 0.00078	< 0.00078	< 0.00078	< 0.00078	< 0.00078
	Farallon	FMW-11-55.0	55.0	93.8	8/10/2021	< 0.00083	< 0.00083	< 0.00083	< 0.00083	< 0.00083
FMW-11	Farallon	FMW-11-60.0	60.0	88.8	8/10/2021	< 0.00087	< 0.00087	< 0.00087	< 0.00087	< 0.00087
	Farallon	FMW-11-65.0	65.0	83.8	8/10/2021	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
	Farallon	FMW-11-70.0	70.0	78.8	8/10/2021	< 0.00078	< 0.00078	< 0.00078	< 0.00078	< 0.00078
	Farallon	FMW-11-75.0	75.0	73.8	8/10/2021	< 0.00083	< 0.00083	< 0.00083	< 0.00083	< 0.00083
	Farallon	FMW-11-80.0	80.0	68.8	8/10/2021	0.039	< 0.00092	< 0.00092	< 0.00092	< 0.00092
	Farallon	FMW-11-85.0	85.0	63.8	8/10/2021	0.036	< 0.00094	< 0.00094	< 0.00094	< 0.00094
	Farallon	FMW-11-90.0	90.0	58.8	8/10/2021	< 0.00077	< 0.00077	< 0.00077	< 0.00077	< 0.00077
	Farallon	FMW-11-95.0	95.0	53.8	8/10/2021	< 0.00088	< 0.00088	< 0.00088	< 0.00088	< 0.00088
	Farallon	FMW-11-100.0	100.0	48.8	8/10/2021	0.00088	< 0.00077	< 0.00077	< 0.00077	< 0.00077
	Farallon	FMW-11-105.0	105.0	43.8	8/10/2021	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074
	Farallon	FMW-11-110.0	110.0	38.8	8/10/2021	< 0.00074	< 0.00074	< 0.00074	< 0.00074	< 0.00074
	Farallon	FMW-11-115.0	115.0	33.8	8/10/2021	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
	Farallon	FMW-12-5.0	5.0	149.2	8/11/2021	< 0.00075	< 0.00075	< 0.00075	< 0.00075	< 0.00075
	Farallon	FMW-12-10.0	10.0	144.2	8/11/2021	< 0.00081	< 0.00081	< 0.00081	< 0.00081	< 0.00081
	Farallon	FMW-12-15.0	15.0	139.2	8/11/2021	< 0.00090	< 0.00090	< 0.00090	< 0.00090	< 0.00090
	Farallon	FMW-12-20.0	20.0	134.2	8/11/2021	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080
	Farallon	FMW-12-30.0	30.0	129.2	8/11/2021	< 0.00087	< 0.00087	< 0.00087	< 0.00087	< 0.00087
	Farallon	FMW-12-35.0	35.0	119.2	8/11/2021	< 0.00087	< 0.00087	< 0.00087	< 0.00087	< 0.00087
	Farallon	FMW-12-40.0	40.0	114.2	8/11/2021	< 0.00094	< 0.00094	< 0.00094	< 0.00094	< 0.00094
	Farallon	FMW-12-45.0	45.0	109.2	8/11/2021	< 0.00094	< 0.00094	< 0.00094	< 0.00094	< 0.00094
	Farallon	FMW-12-50.0	50.0	104.2	8/11/2021	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011
	Farallon	FMW-12-55.0	55.0	99.2	8/11/2021	< 0.00095	< 0.00095	< 0.00095	< 0.00095	< 0.00095
FMW-12	Farallon	FMW-12-60.0	60.0	94.2	8/11/2021	< 0.00098	< 0.00098	< 0.00098	< 0.00098	< 0.00098
	Farallon	FIVIVV-12-65.0	65.0 70.0	89.2	8/11/2021	< 0.00078	< 0.00078	< 0.00078	< 0.00078	< 0.00078
	Farallon	FMW-12-70.0	70.0 75.0	04.Z 70.2	8/11/2021	< 0.00077	< 0.00077	< 0.00077 < 0.00082	< 0.00077 < 0.00082	< 0.00077
	Farallon	FMW-12-80.0	80.0	74.2	8/11/2021	< 0.00088	< 0.00088	< 0.00088	< 0.00088	< 0.00088
	Farallon	FMW-12-85.0	85.0	69.2	8/11/2021	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	Farallon	FMW-12-90.0	90.0	64.2	8/11/2021	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096
	Farallon	FMW-12-95.0	95.0	59.2	8/11/2021	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092
	Farallon	FMW-12-100.0	100.0	54.2	8/12/2021	< 0.00077	< 0.00077	< 0.00077	< 0.00077	< 0.00077
	Farallon	FIVIVV-12-105.0	105.0	49.2	8/12/2021 8/12/2024	< 0.00095	< 0.00095	< 0.00095	< 0.00095	< 0.00095
	Farallon	FMW-12-115.0	115.0	39.2	8/12/2021	< 0.00003	< 0.00083	< 0.00083	< 0.00003	< 0.00003
MTCA Clean	up Levels for	Soil <sup>3</sup>		1		0.05	0.03	160 <sup>4</sup>	1,600 <sup>4</sup>	0.67 <sup>4</sup>

			Sample	Sample Elevation		Analytical Results (milligrams per kilogram) <sup>2</sup>					
Sample Location	Sampled By	Sample Identification	Depth (feet) <sup>1</sup>	(feet NAVD88) <sup>1</sup>	Sample Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	
	Farallon	FMW-13-5.0	5.0	139.9	8/2/2021	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	
	Farallon	FMW-13-10.0	10.0	134.9	8/2/2021	< 0.00085	< 0.00085	< 0.00085	< 0.00085	< 0.00085	
	Farallon	FMW-13-15.0	15.0	129.9	8/2/2021	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	
	Farallon	FMW-13-20.0	20.0	124.9	8/2/2021	< 0.00095	< 0.00095	< 0.00095	< 0.00095	< 0.00095	
	Farallon	FMW-13-25.0	25.0	119.9	8/2/2021	< 0.00097	< 0.00097	< 0.00097	< 0.00097	< 0.00097	
	Farallon	FMW-13-35.0	30.0	109 9	8/2/2021	< 0.00097	< 0.00097	< 0.00097	< 0.00097	< 0.00097	
	Farallon	FMW-13-40.0	40.0	103.5	8/2/2021	< 0.00068	< 0.00068	< 0.00068	< 0.00068	< 0.00068	
	Farallon	FMW-13-45.0	45.0	99.9	8/3/2021	< 0.00090	< 0.00090	< 0.00090	< 0.00090	< 0.00090	
	Farallon	FMW-13-50.0	50.0	94.9	8/3/2021	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080	
	Farallon	FMW-13-55.0	55.0	89.9	8/3/2021	< 0.00079	< 0.00079	< 0.00079	< 0.00079	< 0.00079	
FMW-13	Farallon	FMW-13-60.0	60.0	84.9	8/3/2021	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	
	Farallon	FMW-13-65.0	65.0	79.9	8/3/2021	< 0.00088	< 0.00088	< 0.00088	< 0.00088	< 0.00088	
	Farallon	FMW-13-70.0	70.0	74.9 69.9	8/3/2021	< 0.0011				< 0.0011	
	Farallon	FMW-13-80.0	80.0	64.9	8/3/2021	< 0.00093	< 0.00093	< 0.00095	< 0.00095	< 0.00033	
	Farallon	FMW-13-85.0	85.0	59.9	8/3/2021	< 0.00089	< 0.00089	< 0.00089	< 0.00089	< 0.00089	
	Farallon	FMW-13-90.0	90.0	54.9	8/3/2021	< 0.00095	< 0.00095	< 0.00095	< 0.00095	< 0.00095	
	Farallon	FMW-13-95.0	95.0	49.9	8/3/2021	< 0.00085	< 0.00085	< 0.00085	< 0.00085	< 0.00085	
	Farallon	FMW-13-100.0	100.0	44.9	8/3/2021	< 0.00081	< 0.00081	< 0.00081	< 0.00081	< 0.00081	
	Farallon	FMW-13-105.0	105.0	39.9	8/3/2021	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080	
	Farallon	FMW-13-110.0	110.0	34.9	8/3/2021	< 0.00096	< 0.00096	< 0.00096	< 0.00096	< 0.00096	
	Farallon	FWW-13-115.0	5.0	29.9 147.2	8/3/2021	< 0.00083	< 0.00083	< 0.00083	< 0.00083	< 0.00083	
	Farallon	FMW-14-10.0	10.0	142.2	8/12/2021	< 0.00078	< 0.00078	< 0.00078	< 0.00078	< 0.00078	
	Farallon	FMW-14-15.0	15.0	137.2	8/12/2021	< 0.00071	< 0.00071	< 0.00071	< 0.00071	< 0.00071	
	Farallon	FMW-14-20.0	20.0	132.2	8/12/2021	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080	
	Farallon	FMW-14-25.0	25.0	127.2	8/12/2021	< 0.00089	< 0.00089	< 0.00089	< 0.00089	< 0.00089	
	Farallon	FMW-14-30.0	30.0	122.2	8/12/2021	< 0.00072	< 0.00072	< 0.00072	< 0.00072	< 0.00072	
	Farallon	FMW-14-35.0	35.0	117.2	8/12/2021	< 0.00072	< 0.00072	< 0.00072	< 0.00072	< 0.00072	
	Faralion	FMW-14-40.0	40.0	112.2	8/12/2021	< 0.00094	< 0.00094	< 0.00094	< 0.00094	< 0.00094	
	Farallon	FMW-14-50.0	50.0	107.2	8/12/2021	< 0.00090	< 0.00090	< 0.00095	< 0.00095	< 0.00035	
	Farallon	FMW-14-55.0	55.0	97.2	8/12/2021	< 0.00094	< 0.00094	< 0.00094	< 0.00094	< 0.00094	
FMW-14	Farallon	FMW-14-60.0	60.0	92.2	8/12/2021	< 0.00082	< 0.00082	< 0.00082	< 0.00082	< 0.00082	
	Farallon	FMW-14-65.0	65.0	87.2	8/12/2021	< 0.00087	< 0.00087	< 0.00087	< 0.00087	< 0.00087	
	Farallon	FMW-14-70.0	70.0	82.2	8/12/2021	< 0.00082	< 0.00082	< 0.00082	< 0.00082	< 0.00082	
	Farallon	FMW-14-75.0	75.0	77.2	8/12/2021	< 0.00089	< 0.00089	< 0.00089	< 0.00089	< 0.00089	
	Farallon	FMW-14-80.0	80.0	67.2	8/13/2021	< 0.00070	< 0.00070	< 0.00070	< 0.00070	< 0.00070	
	Farallon	FMW-14-85.0	90.0	62.2	8/13/2021	< 0.00080	< 0.00080	< 0.00080	< 0.00080	< 0.00080	
	Farallon	FMW-14-95.0	95.0	57.2	8/13/2021	< 0.00064	< 0.00064	< 0.00064	< 0.00064	< 0.00064	
	Farallon	FMW-14-100.0	100.0	52.2	8/13/2021	< 0.00071	< 0.00071	< 0.00071	< 0.00071	< 0.00071	
	Farallon	FMW-14-105.0	105.0	47.2	8/13/2021	< 0.00079	< 0.00079	< 0.00079	< 0.00079	< 0.00079	
	Farallon	FMW-14-110.0	110.0	42.2	8/13/2021	< 0.00082	< 0.00082	< 0.00082	< 0.00082	< 0.00082	
	Farallon	FMW-14-115.0	115.0	37.2	8/13/2021	< 0.00091	< 0.00091	< 0.00091	< 0.00091	< 0.00091	
	Farallon	FMW-15-5.0	5.0	145.3	8/16/2021	< 0.00089	< 0.00089	< 0.00089	< 0.00089	< 0.00089	
	Farallon	FMW-15-15.0	10.0	140.3	8/16/2021	< 0.00090	< 0.00090	< 0.00090	< 0.00090	< 0.00090	
	Farallon	FMW-15-20.0	20.0	130.3	8/16/2021	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	
	Farallon	FMW-15-25.0	25.0	125.3	8/16/2021	< 0.00090	< 0.00090	< 0.00090	< 0.00090	< 0.00090	
	Farallon	FMW-15-30.0	30.0	120.3	8/16/2021	< 0.00089	< 0.00089	< 0.00089	< 0.00089	< 0.00089	
	Farallon	FMW-15-35.0	35.0	115.3	8/16/2021	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	
	Farallon	FMW-15-40.0	40.0	110.3	8/16/2021	< 0.00083	< 0.00083	< 0.00083	< 0.00083	< 0.00083	
	Farallon	FMW-15-45.0	45.0	105.3	8/16/2021	< 0.00087	< 0.00087	< 0.00087	< 0.00087	< 0.00087	
	Faralion	FMW-15-50.0	50.0	95.3	8/16/2021	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	
FMW-15	Farallon	FMW-15-60.0	60.0	90.3	8/16/2021	< 0.00037	< 0.00037	< 0.00097	< 0.00097	< 0.00037	
	Farallon	FMW-15-65.0	65.0	85.3	8/16/2021	< 0.00095	< 0.00095	< 0.00095	< 0.00095	< 0.00095	
	Farallon	FMW-15-70.0	70.0	80.3	8/16/2021	< 0.00088	< 0.00088	< 0.00088	< 0.00088	< 0.00088	
	Farallon	FMW-15-75.0	75.0	75.3	8/16/2021	< 0.00092	< 0.00092	< 0.00092	< 0.00092	< 0.00092	
	Farallon	FMW-15-80.0	80.0	70.3	8/16/2021	< 0.00071	< 0.00071	< 0.00071	< 0.00071	< 0.00071	
	Farallon	FMW-15-85.0	85.0	65.3	8/16/2021	< 0.00098	< 0.00098	< 0.00098	< 0.00098	< 0.00098	
	Farallon Faraller	FIVIVV-15-90.0	90.0	60.3	8/16/2021	< 0.00072	< 0.00072	< 0.00072	< 0.00072	< 0.00072	
	Farallon	FMW-15-95.0	95.0 100.0	50.3	8/19/2021	< 0.00077	< 0.00077	< 0.00077	< 0.00077	< 0.00077	
	Farallon	FMW-15-105.0	105.0	45.3	8/19/2021	< 0.00089	< 0.00089	< 0.00089	< 0.00089	< 0.00089	
	Farallon	FMW-15-110.0	110.0	40.3	8/19/2021	< 0.00085	< 0.00085	< 0.00085	< 0.00085	< 0.00085	
	Farallon	FMW-15-115.0	115.0	35.3	8/19/2021	< 0.00089	< 0.00089	< 0.00089	< 0.00089	< 0.00089	
MTCA Clean	up Levels for	Soil <sup>3</sup>				0.05	0.03	160 <sup>4</sup>	1,600 <sup>4</sup>	0.67 <sup>4</sup>	

			Sample	Sample Elevation			Analytical Re	esults (milligram	ns per kilogram) <sup>2</sup>	
Sample Location	Sampled By	Sample Identification	Depth (feet) <sup>1</sup>	(feet NAVD88) <sup>1</sup>	Sample Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride
	Farallon	FMW-16-120.0	120.0	30.1	8/23/2021	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
	Farallon	FMW-16-125.0	125.0	25.1	8/23/2021	< 0.00072	< 0.00072	< 0.00072	< 0.00072	< 0.00072
	Farallon	FMW-16-130.0	130.0	20.1	8/23/2021	< 0.00087	< 0.00087	< 0.00087	< 0.00087	< 0.00087
	Farallon	FMW-16-135.0	135.0	15.1	8/23/2021	< 0.00091	< 0.00091	< 0.00091	< 0.00091	< 0.00091
FMW-16	Farallon	FMW-16-140.0	140.0	10.1	8/24/2021	< 0.00081	< 0.00081	< 0.00081	< 0.00081	< 0.00081
	Farallon	FMW-16-145.0	145.0	5.1	8/24/2021	< 0.00085	< 0.00085	< 0.00085	< 0.00085	< 0.00085
	Farallon	FMW-16-150.0	150.0	0.1	8/24/2021	< 0.00088	< 0.00088	< 0.00088	< 0.00088	< 0.00088
	Farallon	FMW-16-155.0	155.0	-4.9	8/24/2021	< 0.00089	< 0.00089	< 0.00089	< 0.00089	< 0.00089
	Farallon	FMW-16-160.0	160.0	-9.9	8/24/2021	< 0.00099	< 0.00099	< 0.00099	< 0.00099	< 0.00099
50.6	Farallon	SG-6-5.0	5.0	145.2	8/4/2021	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
33-0	Farallon	SG-6-10.0	10.0	140.2	8/4/2021	< 0.00087	< 0.00087	< 0.00087	< 0.00087	< 0.00087
MTCA Clean	up Levels for	Soil <sup>3</sup>				0.05	0.03	160 <sup>4</sup>	1,600 <sup>4</sup>	0.67 <sup>4</sup>

NOTES:

Results in **bold** denote concentrations exceeding applicable cleanup levels.

Results highlighted in **gold** denote concentrations exceeding the laboratory reporting limit listed.

< denotes analyte not detected at or exceeding the reporting limit listed.

--- denotes sample not analyzed or information not available.

\* denotes pre-excavation sample.

^ denotes Phase 1 excavation sidewall sample overexcavated during Phase 2 excavation.

<sup>1</sup>Depth in feet below ground surface. Elevation in feet referenced to North American Vertical Datum of 1988 (NAVD88). <sup>2</sup>Analyzed by U.S. Environmental Protection Agency Method 8260D, 8021 (Samples BB-1 through BB-14), 8240 (1994 Remedial Excavation and EMR Subsurface Investigation samples) or 8260 (2003 samples).

<sup>3</sup>Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses,

<sup>4</sup>Washington State Cleanup Levels and Risk Calculations under MTCA Standard Method B Formula Values for Soil and Leaching Pathway, https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Contamination-cleanup-tools/CLARC DCE = dichloroethene

EMR = Environmental Management Resources, Inc. Farallon = Farallon Consulting, L.L.C.

FSM = Floyd Snider McCarthy, Inc.

HC = Hart Crowser

K/J = Kennedy/Jenks Consultants, Inc.

PCE = tetrachloroethene

TCE = trichloroethene

VOCs = volatile organic compounds

			Sample		Analytical Results (milligrams per kilogram) <sup>2</sup>							
		Sample Depth	Elevation									
Sample Location	Sample Identification	(feet) <sup>1</sup>	(feet NAVD88) <sup>1</sup>	Sample Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
	-		2019 Hart Crows	er and Farallon (	Geotechnica	l/Subsurface	Investigatio	n				
HC-1	HC1-5.0	5.0	150	10/31/2019	< 11	44	< 0.53	23	13	< 0.27	< 11	< 1.1
HC-2	HC2-5.0	5.0	151	11/1/2019	< 11	41	< 0.55	24	< 5.5	< 0.28	< 11	< 1.1
HC-3	HC3-5.0	5.0	142	11/4/2019	< 11	44	< 0.54	26	23	< 0.27	< 11	< 1.1
			2	2021 Farallon Su	bsurface Inv	estigation						
FB-2	FB-2-5.0	5.0	140.0	8/6/2021	< 11	36	< 0.53	19	< 5.3	< 0.26	< 11	< 1.1
FB-5	FB-5-5.0	5.0	143.0	8/2/2021	< 11	36	< 0.54	14	< 5.4	< 0.27	< 11	< 1.1
FB-8	FB-8-5.0	5.0	147.0	8/5/2021	< 11	52	< 0.56	18	< 5.6	< 0.28	< 11	< 1.1
FMW-13	FMW-13-5.0	5.0	139.9	8/2/2021	< 11	55	< 0.56	21	< 5.6	< 0.28	< 11	< 1.1
MTCA Cleanup Leve	els for Soil <sup>3</sup>				20	16,000 <sup>4</sup>	2	2,000	250	2	<b>400</b> <sup>4</sup>	400 <sup>4</sup>

NOTES:

Results highlighted in gold denote concentrations exceeding the laboratory reporting limit listed.

< denotes analyte not detected at or exceeding the laboratory reporting limit listed.

<sup>1</sup>Depth in feet below ground surface. Elevation in feet referenced to North American Vertical Datum of 1988 (NAVD88).

<sup>2</sup>Analyzed by U.S. Environmental Protection Agency Methods 6010D/7471B.

<sup>3</sup>Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses, Table 740-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as amended 2013 unless otherwise noted.

<sup>4</sup>Washington State Department of Ecology Cleanup Levels and Risk Calculations, under MTCA Standard Method B Formula Values for Soil (Unrestricted Land Use) - Direct Contact (Ingestion Only) and Leaching Pathway,

https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Contamination-clean-up-tools/CLARC

			Analytical Results (micrograms per liter)						
Sample Location	Sample Date	Sample Identification	DRO <sup>1</sup>	ORO <sup>1</sup>	<b>GRO</b> <sup>2</sup>	Benzene <sup>3</sup>	Toluene <sup>3</sup>	Ethylbenzene <sup>3</sup>	Xylenes <sup>3</sup>
M/A/ 1	9/16/2021	MW-1-091621	< 210	< 210	< 100	< 0.20	< 1.0	< 0.20	< 0.60
10100-1	4/26/2022	MW-1-20220426	< 130	< 210	< 100				
	8/25/2021	FMW-8-20210825	360	330	< 100	0.26	< 1.0	< 0.20	< 0.60
FIVIV-O	4/27/2022	FMW-8-20220427	210	< 200	< 100				
	8/26/2021	FMW-9-20210826	1,300	1,200	< 100	< 0.20	< 1.0	< 0.20	< 0.60
FIVIV-9	4/27/2022	FMW-9-20220427	1,100	400	< 100				
EM/W/ 10	8/24/2021	FMW-10-20210824	< 230	< 230	< 100	< 0.20	< 1.0	< 0.20	< 0.60
	4/26/2022	FMW-10-20220426	< 130	< 210	< 100				
	4/28/2022	FMW-17-20220428	< 140	< 230	< 100				
FMW-17	1/24/2023	FMW-17-112.0-20230124	< 200	< 200	< 100	< 0.20	< 1.0	< 0.20	< 0.60
	1/24/2023	FMW-17-118.0-20230124	< 200	< 200	< 100	< 0.20	< 1.0	< 0.20	< 0.60
MTCA Method A Cle	eanup Level for G	Broundwater <sup>4</sup>	500	500	800/1,000 <sup>5</sup>	5	1,000	700	1,000

NOTES:

Results in **bold** and highlighted **yellow** denote concentrations exceeding applicable screening levels.

< denotes analyte not detected at or exceeding the reporting limit listed.

<sup>1</sup>Analyzed by Northwest Method NWTPH-Dx.

<sup>2</sup>Analyzed by Northwest Method NWTPH-Gx.

<sup>3</sup>Analyzed by U.S. Environmental Protection Agency Method 8260D.

<sup>4</sup>Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Cleanup Levels for Groundwater,

Table 720-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as amended 2013.

<sup>5</sup>Cleanup level is 800 micrograms per liter if benzene is detected and 1,000 micrograms per liter if benzene is not detected.

BTEX = benzene, toluene, ethylbenzene, and xylenes

DRO = total petroleum hydrocarbons (TPH) as diesel-range organics

GRO = TPH as gasoline-range organics

ORO = TPH as oil-range organics

				Analytical Results (micrograms per liter) <sup>1</sup>						
Sample Location	Sampled By	Sample Date	Sample Identification	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride		
	Floyd Snider	5/22/2002		< 0.2						
	Floyd Snider	6/18/2002		< 0.2						
MW-1	Farallon	11/6/2019	MW-1-110619	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	8/24/2021	MW-1-20210824	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	4/26/2022	MW-1-20220426	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20		
	Floyd Snider	5/22/2002		19						
	Floyd Snider	6/18/2002		21						
	Floyd Snider	7/25/2003		24 <sup>2</sup> /43 <sup>3</sup>						
	Floyd Snider	7/16/2004		26						
	Floyd Snider	6/10/2005		24						
	Floyd Snider	11/29/2006		2						
10100-2	Floyd Snider	3/26/2008		21						
	Floyd Snider	6/9/2008		ND						
	Floyd Snider	6/11/2009	MW-2	8	< 2	< 2	< 2	< 0.2		
	Farallon	11/5/2019	MW-2-110519	17	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	8/25/2021	MW-2-20210825	33	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	4/28/2022	MW-2-20220428	47	< 0.20	< 0.20	< 0.20	< 0.20		
	Floyd Snider	5/22/2002		99						
	Floyd Snider	6/18/2002		51						
	Floyd Snider	7/25/2003		93						
	Floyd Snider	7/16/2004		76						
	Floyd Snider	6/10/2005		67						
M/M/ 2	Floyd Snider	11/29/2006		22						
10100-3	Floyd Snider	3/26/2008		46						
	Floyd Snider	6/9/2008		55						
	Floyd Snider	6/11/2009	MW-3	43	< 2	< 2	< 2	< 0.2		
	Farallon	11/6/2019	MW-3-110619	22	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	8/26/2021	MW-3-20210826	25	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	4/28/2022	MW-3-20220428	31	< 0.20	< 0.20	< 0.20	< 0.20		
MTCA Cleanu	p Levels for Grou	ndwater <sup>4</sup>	-	5	5	<b>16</b> ⁵	160 <sup>5</sup>	0.2		

				Analytical Results (micrograms per liter) <sup>1</sup>						
Sample Location	Sampled By	Sample Date	Sample Identification	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride		
	Floyd Snider	7/25/2003		4 <sup>2</sup> /9 <sup>3</sup>						
	Floyd Snider	7/16/2004		11						
	Floyd Snider	6/10/2005		18						
	Floyd Snider	11/29/2006		7						
	Floyd Snider	3/26/2008		39						
	Floyd Snider	6/9/2008		11						
10100-4	Floyd Snider	6/11/2009	MW-4	14	< 2	< 2	< 2	< 0.2		
	Farallon	11/5/2019	MW-4-110519	67	< 0.40	< 0.40	< 0.40	< 0.40		
	Farallon	8/26/2021	MW-4-20210826	540	< 4.0	< 4.0	< 4.0	< 4.0		
	Farallon	9/2/2021	MW-4-20210902*	940	< 4.0	< 4.0	< 4.0	< 4.0		
	Farallon	4/27/2022	MW-4-20220427	890	< 4.0	< 4.0	< 4.0	< 4.0		
	Farallon	1/24/2023	MW-4-20230124	770	< 4.0	< 4.0	< 4.0	< 4.0		
	Floyd Snider	7/25/2003		64 <sup>2</sup> /98 <sup>3</sup>						
	Floyd Snider	7/16/2004		110						
	Floyd Snider	6/10/2005		150						
	Floyd Snider	11/29/2006		84						
MW-5	Floyd Snider	3/26/2008		150						
	Floyd Snider	6/11/2009		81	< 2	< 2	< 2	< 0.2		
	Farallon	11/6/2019	MW-5-110619	7.9	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	8/25/2021	MW-5-20210825	18	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	4/28/2022	MW-5-20220428	44	< 0.20	< 0.20	< 0.20	< 0.20		
	Floyd Snider	6/10/2005		ND						
	Floyd Snider	11/29/2006		Not Sampled						
	Floyd Snider	3/26/2008		ND						
MMG	Floyd Snider	6/9/2008		Not Sampled						
10100-0	Floyd Snider	6/11/2009		Not Sampled						
	Farallon	11/6/2019	MW-6-110619	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	8/24/2021	MW-6-20210824	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	4/27/2022	MW-6-20220427	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20		
MTCA Cleanu	CA Cleanup Levels for Groundwater <sup>4</sup>			5	5	<b>16</b> ⁵	<b>160</b> <sup>5</sup>	0.2		

				Analytical Results (micrograms per liter) <sup>1</sup>						
Sample Location	Sampled By	Sample Date	Sample Identification	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride		
	Floyd Snider	6/10/2005		ND						
	Floyd Snider	11/29/2006		Not Sampled						
	Floyd Snider	3/26/2008		Not Sampled						
	Floyd Snider	6/9/2008		Not Sampled						
MW-7	Floyd Snider	6/11/2009		Not Sampled						
	Farallon	11/5/2019	MW-7-110519	22	0.84	< 0.20	< 0.20	< 0.20		
	Farallon	8/26/2021	MW-7-20210826	250	< 2.0	< 2.0	< 2.0	< 2.0		
	Farallon	4/28/2022	MW-7-20220428	1.5	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	1/23/2023	MW-7-20230123	300	< 2.0	< 2.0	< 2.0	< 2.0		
	Farallon	8/25/2021	FMW-8-20210825	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	4/27/2022	FMW-8-20220427	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	8/26/2021	FMW-9-20210826	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20		
FIVIV-9	Farallon	4/27/2022	FMW-9-20220427	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	8/24/2021	FMW-10-20210824	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	4/26/2022	FMW-10-20220426	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	8/25/2021	FMW-11-20210825	0.52	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	9/2/2021	FMW-11-20210902*	2.0	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	4/27/2022	FMW-11-20220427	29	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	1/24/2023	FMW-11-20230124	15	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	8/25/2021	FMW-12-20210825	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	4/26/2022	FMW-12-20220426	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	8/24/2021	FMW-13-20210824	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	4/26/2022	FMW-13-20220426	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	8/24/2021	FMW-14-20210824	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20		
1 10100-14	Farallon	4/26/2022	FMW-14-20220426	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	8/27/2021	FMW-15-20210827	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20		
	Farallon	4/26/2022	FMW-15-20220426	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20		
MTCA Cleanu	ITCA Cleanup Levels for Groundwater <sup>4</sup>		5	5	<b>16</b> ⁵	<b>160</b> <sup>5</sup>	0.2			

				Analytical Results (micrograms per liter) <sup>1</sup>						
Sample Location	Sampled By	Sample Date	Sample Identification	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride		
	Farallon	8/27/2021	FMW-16-20210827	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20		
110100-10	Farallon	4/26/2022	FMW-16-20220426	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20		
FMW-17	Farallon	4/28/2022	FMW-17-20220428	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20		
MTCA Cleanu	p Levels for Grou	ndwater <sup>4</sup>		5	5	16 <sup>5</sup>	<b>160</b> <sup>5</sup>	0.2		

NOTES:

Results in **bold** and highlighted **yellow** denote concentrations exceeding applicable screening levels.

< denotes analyte not detected at or exceeding the reporting limit listed.

- denotes sample not analyzed or information unknown.

\* denotes grab sample collected by bailer.

<sup>1</sup>Samples collected in 2019 through 2023 analyzed by U.S. Environmental Protection Agency Method 8260D. Samples collected in 2009 analyzed by EPA Method 8260; method unknown for earlier sample results.

<sup>2</sup>Sampled by submersible pump.

<sup>3</sup>Sampled by passive diffusion bag.

<sup>4</sup>Washington State Model Toxics Control Act Cleanup Regulation (MTCA) Method A Cleanup Levels for Groundwater,

Table 720-1 of Section 900 of Chapter 173-340 of the Washington Administrative Code, as revised 2013, unless otherwise noted.

<sup>5</sup>MTCA Cleanup Levels and Risk Calculations, Standard Method B Values for Groundwater,

https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Contamination-clean-up-tools/CLARC

DCE = dichloroethene Farallon = Farallon Consulting, L.L.C. ND = analyte not detected and reporting limit is unknown PCE = tetrachloroethene TCE = trichloroethene VOCs = volatile organic compounds

#### ATTACHMENT A BORING LOGS

REMEDIAL INVESTIGATION AND INTERIM ACTION SUMMARY MAIN STREET PLACE 103 110TH AVENUE NORTHEAST BELLEVUE, WASHINGTON

Farallon PN: 691-023

		FARALLON		L	og	of l	Boriı	ng:	FB-1		Page 1 of 4
Clie Pro Loc	ent: ojec cati	Hines Interests LP t: Main Street Place on: Bellevue, WA	Date/Time Star Date/Time Com Equipment: Drilling Compa	ted: ipleted: ny:	8/12/ 8/12/ Limit	/21 @ /21 @ ed Ac xade	0920 1505 cess HS/	4	Sampler Type: 1 Drive Hammer (I Depth of Water A Total Boring Dep	8" D bs.): \TD oth (	&M 140 (ft bgs): NE ft bgs): 70.5
Fa	rall	on PN: 691-023	Drilling Forema	an:	Wes	Kenn	edy		Total Well Depth	(ft l	ogs): NA
Lo	gge	d By: C. van Stolk	Drilling Methoo	1:	Hollc	w Ste	m Auger				
Depth (feet bgs.)	Sample Interval	Lithologic Description	ı	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0		0.0-0.4': Concrete, cored.		со		1					
-		0.4-5.0': Clear for utilities using hand auger. Well grad silt (85% sand, 10% silt, 5% gravel), fine to coarse san dense, dry, no odor.	ed SAND with nd, tan, very	SW- SM							Cement

SW-SM

SW

SW

. . .

100 100/4"

100 100/5"

100 100/6"

0.9

1.1

1.1

FB-1-5.0

FB-1-10.0

FB-1-15.0

Х

Х

Х

Bentonite

5

10

15

20

5.0-5.25': Well graded SAND with silt (85% sand, 10% silt, 5% gravel), fine to coarse sand, tan, very dense, dry, no odor.

10.0-10.4': Well graded SAND (90% sand, 10% gravel), fine to coarse sand, fine gravel, brown, very dense, dry, no odor.

15.0-15.5': Well graded SAND (90% sand, 10% gravel), fine to coarse sand, fine gravel, brown, very dense, dry, slight organic odor.

		Well Construction	on Information		
Monument Type: NA		Filter Pack:	NA	Ground Surface Elevation (ft):	~153 NAVD88
Casing Diameter (inches):	NA	Surface Seal:	Cement	Top of Casing Elevation (ft):	NA
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X:	Y:
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA	

		FARALLON		L	og	of I	3o <b>r</b> ir	ng:	FB-1		Page 2 of 4
Clie Pro Loo	ent: ojec cati	Hines Interests LP t: Main Street Place on: Bellevue, WA	Date/Time Start Date/Time Com Equipment: Drilling Compa	ted: pleted: ny:	8/12/ 8/12/ Limit	/21 @ /21 @ ed Ac	0920 1505 cess HSA	A	Sampler Type: 1 Drive Hammer (I Depth of Water / Total Boring Dep	8" D bs.): ATD pth (1	&M 140 (ft bgs): NE ft bgs): 70.5
Fa Lo	rall gge	on PN: 691-023 d By: C. van Stolk	Drilling Forema Drilling Method	in: I:	Wes Hollo	Kenn w Ste	edy m Auger		Total Well Depth	n (ft k	ogs): NA
Depth (feet bgs.)	Sample Interval	Lithologic Description	ı	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
	$\bowtie$	20.0-20.4': Well graded SAND with gravel (80% sand,	20% gravel),	SW		100	100/6"	0.9	FB-1-20.0	x	

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	-	fine to coarse sand, fine to coarse gravel, brown, very dense, dry, no odor.							
25 -		25.0-25.4': Well graded SAND with gravel (80% sand, 15% gravel, 5% silt), fine to coarse sand, fine to coarse gravel, brown, very dense, dry, no odor.	sw	100	100/5"	0.8	FB-1-25.0	x	
30 -		30.0-30.3': Well graded SAND with gravel (80% sand, 15% gravel, 5% silt), fine to coarse sand, fine to coarse gravel, brown, very dense, dry, no odor.	sw	 100	100/4"	0.5	FB-1-30.0	x	
35 -		35.0-35.2': Well graded SAND with gravel (80% sand, 15% gravel, 5% silt), fine to coarse sand, fine to coarse gravel, brown, very dense, dry, no odor.	SW	100	100/3"	0.9	FB-1-35.0	x	Bentonite
40	-								

		Well Construction	on Information		
Monument Type: NA		Filter Pack:	NA	Ground Surface Elevation (ft):	~153 NAVD88
Casing Diameter (inches):	NA	Surface Seal:	Cement	Top of Casing Elevation (ft):	NA
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X:	Y:
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA	

		FARALLON		Lo	og -	of I	Boriı	ng:	FB-1		Page 3 of 4	
Clic Pro	ent: ojec cati	Hines Interests LP t: Main Street Place on: Bellevue, WA	Date/Time Star Date/Time Com Equipment: Drilling Compa	ted: pleted: ny:	8/12/ 8/12/ Limit	/21 @ /21 @ ted Ac cade	0920 1505 cess HS/	4	Sampler Type: Drive Hammer ( Depth of Water Total Boring De	18" D Ibs.): ATD pth (1	&M : 140 (ft bgs): NE ft bgs): 70.5	
Fa	ral	on PN: 691-023	Drilling Foreman: Wes Kennedy						Total Well Depth (ft bgs): NA			
Lo	gge	ed By: C. van Stolk	Drilling Method	1:	Hollo	ow Ste	m Auger					
Depth (feet bgs.)	Sample Interval	Lithologic Descriptio	n	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details	
	-	40.0-40.4': Well graded SAND (90% sand, 5% grave coarse sand, fine gravel, gray-brown, very dense, dry cobbles.	l, 5% silt), fine to , no odor. Trace	sw		100	100/5"	1.3	FB-1-40.0	X		
45 -		45.0-45.4': Well graded SAND (90% sand, 5% grave coarse sand, fine gravel, gray-brown, very dense, dry 45.4-45.6': Well graded SAND with gravel (80% sand	I, 5% silt), fine to , no odor. I, 20% gravel),	SW SW		100	100/ 10"	1.0	FB-1-45.0	x		

45 -		<ul> <li>45.0-45.4': Well graded SAND (90% sand, 5% gravel, 5% silt), fine to coarse sand, fine gravel, gray-brown, very dense, dry, no odor.</li> <li>45.4-45.6': Well graded SAND with gravel (80% sand, 20% gravel), fine to coarse sand, fine to coarse gravel, tan, very dense, dry, no odor.</li> </ul>	SW SW SM	100	100/ 10"	1.0	FB-1-45.0	x	
-	-	45.6-45.8': Silty SAND (80% sand, 20% silt), fine and medium sand, gray, very dense, dry, no odor.							
50 -		50.0-50.5': Well graded SAND with gravel (75% sand, 20% gravel, 5% silt), fine to coarse sand, fine to coarse gravel, gray, very dense, dry to moist, no odor.	sw	100	100/6"	1.4	FB-1-50.0	x	
- 55 -		55.0-55.5': Well graded SAND (90% sand, 10% gravel), fine to coarse sand, fine to coarse gravel, blue-gray, very dense, dry to moist, faint sweet odor.	sw	100	100/6"	1.2	FB-1-55.0	x	Bentonite
60 _									

Well Construction Information											
Monument Type: NA		Filter Pack:	NA	Ground Surface Elevation (ft):	~153 NAVD88						
Casing Diameter (inches):	NA	Surface Seal:	Cement	Top of Casing Elevation (ft):	NA						
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X:	Y:						
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA							

Client:       Hines Interests LP         Project:       Main Street Place         Location:       Bellevue, WA         Farallon PN: 691-023       Dilling Company:         Logged By:       C. van Stolk         Sign of the started:       Sign of the started:         Sign of the started:       Sign of the started:	FARALLON CONSULTING		Lo	og c	of E	3orir	ıg:	FB-1		Page 4 of 4
Logged By: C. van Stolk Lithologic Description Lithologic Description	Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023	Date/Time Started: Date/Time Comple Equipment: Drilling Company: Drilling Foreman: Drilling Method:	l: eted: :	8/12/2 8/12/2 Limite Casca Wes H	21 @ 21 @ d Acc ade Kenno V Stel	0920 1505 cess HSA edy	A	Sampler Type: 1 Drive Hammer (II Depth of Water A Total Boring Dep Total Well Depth	8" D bs.): ATD oth ( i (ft l	&M 140 (ft bgs): NE ft bgs): 70.5 ogs): NA
	Logged By: C. van Stolk		JSCS	JSCS Graphic	6 Recovery	310w Counts 8/8/8	(mqq) Ols	Sample ID	sample Analyzed	Boring/Well Construction Details

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		60.0-60.5': Poorly graded SAND (100% sand), fine and medium sand, gray, very dense, moist, faint sweet odor.	SP	 100	100/6"	2.2	FB-1-60.0	X	
	-								
	-								
65 -	-	65.0-65.4': Poorly graded SAND (90% sand, 10% gravel), fine to medium sand, fine to coarse gravel, gray, very dense, dry, no odor.	SP	 100	100/5"	2.5	FB-1-65.0	x	Bentonite
	-								
70	_								
70 -		70.0-70.5': Well graded SAND (95% sand, 5% gravel), fine to coarse sand, fine gravel, gray, very dense, dry, no odor.	sw	100	100/6"	2.0	FB-1-70.0	x	
	_								
	-								
/5-	-								
	-								
80	_								

	Well Construction Information											
Monument Type: NA Filter Pack: NA Ground Surface Elevation (ft): ~153 NAVD88												
Casing Diameter (inches):	NA	Surface Seal:	Cement	Top of Casing Elevation (ft):	NA							
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X:	Y:							
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA								

		FARALLON	L	og	of I	Boriı	ng:	FB-2		Pa	ge 1 of 4
Clie Pro Loc	ent: jec cati	Hines Interests LP et: Main Street Place on: Bellevue, WA	Date/Time Started: Date/Time Completed: Equipment: Drilling Company:	8/6/2 8/6/2 D10 AEC	21 @13 21 @10 7	320 630		Sampler Type: 5' PE bagsDrive Hammer (Ibs.):AutoDepth of Water ATD (ft bgs):NETotal Boring Depth (ft bgs):75.0Total Well Depth (ft bgs):NA			
Fa	rall	on PN: 691-023	Drilling Foreman: Drilling Method:	Jeffe Soni	ery Joh c Rota	in ry		Total Well Depth	i (ft l	ogs): NA	A
Depth (feet bgs.)	Sample Interval	Lithologic Description	n SS S	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bori Cons D	ing/Well struction etails
0		0.0-5.0': Airknife to 5.0' bgs for utility clearance.									Asphalt
-		5.0-10.0': Poorly graded SAND with silt (80% sand, 10 gravel), fine sand, brown, moist, no odor, no staining.	0% silt, 10% SP- SM		100	NA	0.0	FB-2-5.0	x		
		10.0-15.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, brown, moist, no odor, no staining.	10% silt, 10% SP- SM		100	NA	0.0	FB-2-10.0	X		
15		15.0-20.0': Silty SAND (80% sand, 15% silt, 5% grave brown, moist, no odor, no staining.	el), fine sand, SM		100	NA	0.0	FB-2-15.0	x		Bentonite

		Well Construction	on Information		
Monument Type: NA		Filter Pack:	NA	Ground Surface Elevation (ft):	~145 NAVD88
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	Y: NA
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA	

		FARALLON		Lo	og (	of I	Boriı	ng:	FB-2		Page 2 of 4
Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA		Date/Time Started:8/Date/Time Completed:8/Equipment:DDrilling Company:A		8/6/21 @1320 8/6/21 @1630 D107 AEC				Sampler Type: 5' PE bags Drive Hammer (Ibs.): Depth of Water ATD (ft bgs): Total Boring Depth (ft bgs):		bags Auto <b>ft bgs):</b> NE <b>t bgs):</b> 75.0	
Fa	Farallon PN: 691-023Logged By:G. Peters		Drilling Forema Drilling Method	n: :	Jeffe Sonid	Jeffery John Sonic Rotary			Total Well Depth	gs): NA	
Depth (feet bgs.)	Sample Interval	Lithologic Description	1	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
-		20.0-24.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, brown, moist, no odor, no staining.	0% silt, 10%	SP- SM		80	NA	2.5	FB-2-20.0	X	
- 25		24.0-25.0': No recovery. 25.0-30.0': Poorly graded SAND (90% sand, 5% silt, 5 sand, brown, moist, no odor, no staining.	% gravel), fine	SP		100	NA	4.0	FB-2-25.0	x	
30 -		30.0-34.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, brown, moist, no odor, no staining. 34.0-35.0': No recovery.	0% silt, 10%	SP- SM		80	NA	1.1	FB-2-30.0	x	
35		35.0-40.0': Poorly graded SAND with silt (90% sand, 1 sand, brown, moist, no odor, no staining.	0% silt), fine	SP- SM		100	NA	0.0	FB-2-35.0	x	Bentonite

		Well Construction	on Information						
Monument Type:         NA         Ground Surface Elevation (ft):         ~145 NAVD88									
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA				
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	<b>Y:</b> NA				
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA					

		FARALLON		Lo	og (	of E	Borir	ıg:	FB-2		Pa	ge 3 of 4
Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023 Logged By: G. Peters			Date/Time Started:8/6/21 @1320Date/Time Completed:8/6/21 @1630Equipment:D107Drilling Company:AECDrilling Foreman:Jeffery JohnDrilling Method:Sonic Rotary				Sampler Type: 5' PE bagsDrive Hammer (Ibs.):AutoDepth of Water ATD (ft bgs):NETotal Boring Depth (ft bgs):75.0Total Well Depth (ft bgs):NA			Auto NE 75.0		
Depth (feet bgs.)	Sample Interval	Lithologic Description	ו	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bori Cons D	ng/Well struction etails
		40.0-45.0': Poorly graded SAND with gravel (70% san 5% silt) fine and coarse sand, brown, fine and medium no odor, no staining.	d, 25% gravel, ı gravel, moist,	SP		100	NA	1.1	FB-2-40.0	×		
-		45.0-50.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, brown, moist, no odor, no staining.	0% silt, 10%	SP- SM		100	NA	2.0	FB-2-45.0	×		
- 50 -		50.0-55.0': Silty SAND (70% sand, 20% silt, 10% grav brown, moist, no odor, no staining.	vel), fine sand,	SM		100	NA	0.3	FB-2-50.0	×		
55 -		55.0-60.0': Poorly graded SAND (90% sand, 10% grav brown, moist, no odor, no staining.	vel), fine sand,	SP		100	NA	0.3	FB-2-55.0	x		Bentonite

		Well Construction	on Information							
Monument Type: NA	Monument Type: NA Filter Pack: NA Ground Surface Elevation (ft): ~145 NAVD88									
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA					
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	<b>Y:</b> NA					
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA						

		FARALLON		Lo	og	of E	Boriı	ıg:	FB-2		Page 4 of 4	
Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023 Logged By: G. Peters		Date/Time Started:8/6/21Date/Time Completed:8/6/21Equipment:D107Drilling Company:AECDrilling Foreman:JefferDrilling Method:Sonic			21 @13 21 @16 7 ery Joh c Rota	320 530 n ry		Sampler Type: 5' PE bagsDrive Hammer (Ibs.):AuDepth of Water ATD (ft bgs):NETotal Boring Depth (ft bgs):75.Total Well Depth (ft bgs):NA				
Depth (feet bgs.)	Sample Interval	Lithologic Descriptior	1	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Wel Constructio Details	ll n
-		60.0-65.0': Silty SAND with gravel (60% sand, 20% sil fine to coarse sand, fine to coarse gravel, gray-brown, odor.	t, 20% gravel), dry to moist, no	SM		100	NA	0.4	FB-2-60.0	X		
65 -		65.0-70.0: Well graded SAND with silt with gravel (750 gravel, 10% silt) fine to coarse sand, fine to coarse gra odor, dry to moist.	% sand, 15% vel, gray, no	SW- SM		100	NA	1.0	FB-2-65.0	x	Bentonite	3
- 07		70.0-73.0': Poorly graded SAND with silt (90% sand, 1 sand, gray, moist, no odor, no staining.	0% silt), fine	SP- SM		100	NA	0.0	FB-2-70.0	x		
- 75		73.0-75.0': Silty SAND (70% sand, 20% silt, 10% grav gray, moist, no odor, no staining.	el), fine sand,	SM		100	NA NA	0.0	FB-2-75.0	x		

		Well Constructi	on Information						
Monument Type: NA Filter Pack: NA Ground Surface Elevation (ft): ~145 NAVD88									
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA				
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	Y: NA				
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA					

		FARALLON	I	Log	of I	Boriı	ng:	FB-3		Pa	ge 1 of 4
Clie Pro Loc	Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA		Date/Time Started: Date/Time Completed: Equipment: Drilling Company:		9/21 @ 0 9/21 @ 1 07 5C	)830 130		Sampler Type: 5' PE bags Drive Hammer (Ibs.): Depth of Water ATD (ft by Total Boring Depth (ft bg			Auto NE 75.0
Farallon PN: 691-023 Logged By: G. Peters			Drilling Foreman: Drilling Method:	Jet So	ffery Joh nic Rota	in iry		Total Well Depth (ft bgs): NA			
Depth (feet bgs.)	Sample Interval	Lithologic Description	n v v v v v v v v v v v v v v v v v	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bori Cons D	ng/Well truction etails
		0.0-5.0': Airknife to 5.0' bgs for utility clearance.									Asphalt
-		5.0-10.0': Silty SAND (80% sand, 20% silt), fine sand, slight hydrocarbon odor, no staining.	brown, moist, SN	1	100	NA	37.6	FB-3-5.0	X		
10 -		10.0-15.0': Silty SAND (80% sand, 15% silt, 5% grave brown, moist, no odor, no staining.	l), fine sand, SΝ	1	100	NA	0.2	FB-3-10.0	×		
20_		15.0-20.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, brown, moist, no odor, no staining.	0% silt, 10% SF SN	5-	100	NA	0.2	FB-3-15.0	×		Bentonite

		Well Construction	on Information		
Monument Type: NA		Filter Pack:	NA	Ground Surface Elevation (ft):	~141 NAVD88
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	<b>Y:</b> NA
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA	

		FARALLON		Lo	og -	of E	Borir	ıg:	FB-3		Pag	e 2 of 4
Clie Pro Loc	Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023		Date/Time Started: 8 Date/Time Completed: 8 Equipment: D Drilling Company: A		8/9/21 @ 0830 8/9/21 @ 1130 D107 AEC				Sampler Type: 5' PE bagsDrive Hammer (Ibs.):AutoDepth of Water ATD (ft bgs):NETotal Boring Depth (ft bgs):75.0			Auto NE 75.0
Fa Log	Farallon PN: 691-023Logged By:G. Peters		Drilling Foreman Drilling Method:	n: :	Jeffe Soni	ery Joh c Rota	n ry		lotal Well Depth	( <b>π</b> 1	ogs): NA	
Depth (feet bgs.)	Sample Interval	Lithologic Description	ı	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Borin Const De	ng/Well rruction etails
-		20.0-25.0': Poorly graded SAND (90% sand, 5% silt, 5 sand, brown, moist, no odor, no staining.	% gravel), fine	SP		100	NA	0.0	FB-3-20.0	×		
25 -		25.0-30.0': Poorly graded SAND (90% sand, 10% grav brown, moist, no odor, no staining.	/el), fine sand,	SP		100	NA	0.5	FB-3-25.0	x		
30 -		30.0-34.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, brown, moist, no odor, no staining. 34.0-35.0': No recovery.	0% silt, 10%	SP- SM		80	NA	0.6	FB-3-30.0	x		
35 -		35.0-40.0': Poorly graded SAND with gravel (80% san 5% silt), fine sand, brown, fine and course gravel, cob moist, no odor.	d, 15% gravel, bles present,	SP		100	NA	0.9	FB-3-35.0	×		Bentonite

		Well Construction	on Information		
Monument Type: NA		Filter Pack:	NA	Ground Surface Elevation (ft):	~141 NAVD88
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	<b>Y:</b> NA
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA	

		FARALLON		Lo	og (	of E	3oriı	ng:	FB-3		Page 3 of 4
Clie Pro	ent: oject: catio	Hines Interests LP Main Street Place n: Bellevue, WA	Date/Time Started:         8/9/21 @ 0830         s           Date/Time Completed:         8/9/21 @ 1130         f           Equipment:         D107         f           Drilling Company:         AEC         f					Sampler Type: 5' PE bagsDrive Hammer (Ibs.):AutoDepth of Water ATD (ft bgs):NETotal Boring Depth (ft bgs):75.0			
Fa	rallo	on PN: 691-023	Drilling Foreman:         Jeffery John         Total Well Depth (ft bgs): NA           Drilling Method:         Sonic Rotary					ogs): NA			
Depth (feet bgs.)	Sample Interval	Lithologic Description	1	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
		40.0-45.0': Poorly graded SAND with silt (80% sand, ´ gravel), fine sand, brown, moist, no odor, no staining.	10% silt, 10%	SP- SM		100	NA	0.8	FB-3-40.0	X	
45 -		45.0-49.0': Silty SAND (70% sand, 20% silt, 10% grav prown, moist, no odor, no staining.	rel) fine sand,	SM		80	NA	0.0	FB-3-45.0	x	
50 -		50.0-55.0': Silty SAND (70% sand, 20% silt, 10% grav prown, moist, no odor, no staining.	rel) fine sand,	SM		100	NA	0.0	FB-3-50.0	x	
55 -		55.0-60.0': Poorly graded SAND with gravel (80% san 5% silt), fine sand, brown, fine and medium gravel, mo staining.	d, 15% gravel, iist, no odor, no	SP		100	NA	0.0	FB-3-55.0	x	Bentonite

Well Construction Information								
Monument Type: NA		Filter Pack:	NA	Ground Surface Elevation (ft):	~141 NAVD88			
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA			
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	<b>Y:</b> NA			
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA				

FARALLON CONSULTING		Log of Boring: FB-3 Page 4 of 4										
Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023		Date/Time Started: Date/Time Completed: Equipment: Drilling Company: Drilling Foreman: Drilling Method:		8/9/21 @ 0830 8/9/21 @ 1130 D107 AEC Jeffery John Sonic Rotary				Sampler Type: 5' PE bagsDrive Hammer (Ibs.):AutoDepth of Water ATD (ft bgs):NETotal Boring Depth (ft bgs):75.0Total Well Depth (ft bgs):NA				
Lithologic Description		1	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Constructior Details	'n	
65 -		60.0-65.0 <sup>°</sup> : Poorly graded SAND with gravel (80% sam 5% silt), fine sand, brown, fine and medium gravel, mo staining. 65.0-70.0 <sup>°</sup> : Poorly graded SAND (90% sand, 5% silt, 5 sand, brown, moist, no odor, no staining.	d, 15% gravel, ist, no odor, no	SP		100	NA	0.0	FB-3-60.0 FB-3-65.0	x		
70 -		70.0-75.0': Poorly graded SAND with silt (85% sand, 1 gravel), very fine sand, brown, moist, no odor, no stain	0% silt, 5% ing.	SP- SM		100	NA	3.0	FB-3-70.0 FB-3-75.0	×	Bentonite	

Well Construction Information											
Monument Type: NA		Filter Pack:	NA	Ground Surface Elevation (ft):	~141 NAVD88						
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA						
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	Y: NA						
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA							
		FARALLON		Lo	og	of I	Borir	ng:	FB-4		Page 1 of 3
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Clie Pro Loc Fa	ent: ojec cati rall	Hines Interests LP t: Main Street Place on: Bellevue, WA on <b>PN:</b> 691-023	Date/Time Starte Date/Time Comp Equipment: Drilling Compar Drilling Forema	ed: pleted: ny: n:	8/13 8/13 LA H Case Wes	/21 @/ /21 @ ISA cade s Kenn/	0930 1210 edy		Sampler Type: 18 Drive Hammer (Ib Depth of Water A <sup>-</sup> Total Boring Dept Total Well Depth (	" Split S s.): TD (ft b h (ft bgs)	6poon 140 gs): NE gs): 50.0 : NA
Lo	gge	d By: C. van Stolk	Drilling Method:	:	Hollo	ow Ste	m Auger				
Depth (feet bgs.)	Sample Interval	Lithologic Descriptior	ı	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well onstruction Details

0		0.0-0.4': Concrete, cored. 0.4-5.0': Clear for utilities using hand auger. Well graded SAND with silt (85% sand, 10% silt, 5% gravel), fine to coarse sand, tan, fine to coarse gravel, dry, no odor.	CO SW- SM						Cement
5-		5.0-5.5': Well graded SAND with silt (85% sand, 10% silt, 5% gravel), fine to coarse sand, tan, fine to coarse gravel, dry, no odor.	SW- SM	100	100/6"	0.8	FB-4-5.0	x	
10 -	-	10.0-10.5': Well graded SAND with silt (85% sand, 10% silt, 5% gravel), fine to coarse sand, tan, fine to coarse gravel, dry, no odor.	SW- SM	100	100/6"	1.0	FB-4-10.0	x	
20		15.0-15.4': Well graded SAND (90% sand, 10% gravel), fine to coarse sand, fine to coarse gravel, tan, dry, no odor.	SW	100	100/5"	0.8	FB-4-15.0	x	Bentonite

	Well Construction Information											
Monument Type: NA Filter Pack: NA Ground Surface Elevation (ft): ~150 NAVD88												
Casing Diameter (inches):	NA	Surface Seal:	Cement	Top of Casing Elevation (ft):	NA							
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	Y: NA							
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA								

		FARALLON		L	og	of I	3orir	ıg:	FB-4		Page 2 of 3
Clie Proj Loc	nt: ject atio	Hines Interests LP Main Street Place Bellevue, WA	Date/Time Start Date/Time Com Equipment: Drilling Compa	ted: ipleted: ny:	8/13 8/13 LA H Case	/21 @( /21 @ <sup>-</sup> ISA cade	0930 1210		Sampler Type: 18 Drive Hammer (II Depth of Water A Total Boring Dep	8" S bs.): \TD oth (1	plit Spoon 140 (ft bgs): NE ft bgs): 50.0
Far Log	Farallon PN: 691-023 Logged By: C. van Stolk		Drilling Forema Drilling Method	ın: I:	Wes Hollo	s Kenne ow Stei	edy m Auger		Total Well Depth	(ft k	ogs): NA
Depth (feet bgs.)	Sample Interval	Lithologic Description	n	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details

-	20.0-20.4': Well graded SAND with gravel (95% sand, 5% silt), fine to coarse sand, brown, dry, no odor.	sw	•	100	100/5"	0.7	FB-4-20.0	X	
- 25 - -	25.0-25.4': Well graded SAND (90% sand, 5% gravel, 5% silt), fine to coarse sand, fine gravel, brown, dry, no odor.	_sw_		100	100/5"	0.7	FB-4-25.0	x	
30 -	30.0-30.5': Well graded SAND (90% sand, 10% gravel), fine to coarse sand, fine gravel, gray, moist, no odor.	SW	2004	100	100/6"	1.5	FB-4-30.0	x	
35 -	35.0-35.4': Well graded SAND (90% sand, 10% gravel), fine to coarse sand, fine gravel, dry, gray, no odor, sampler choked on cobble (trace cobbles).	SW		100	100/5"	1.0	FB-4-35.0	x	Bentonite

	Well Construction Information											
Monument Type: NA Filter Pack: NA Ground Surface Elevation (ft): ~150 NAVD88												
Casing Diameter (inches):	NA	Surface Seal:	Cement	Top of Casing Elevation (ft):	NA							
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	Y: NA							
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA								

		FARALLON		L	bg	of I	Borir	ıg:	FB-4		Page 3 of 3
Clier Proj Loca Fara	nt: ject: atio allo	Hines Interests LP Main Street Place n: Bellevue, WA n PN: 691-023	Date/Time Start Date/Time Com Equipment: Drilling Compar Drilling Forema	ed: pleted: ny: n:	8/13 8/13 LA H Case Wes	/21 @( /21 @ ISA cade s Kenne	0930 1210 edy		Sampler Type: 1 Drive Hammer (I Depth of Water A Total Boring Dep Total Well Depth	8" S  bs.): ATD   pth (i n (ft b	blit Spoon 140 (ft bgs): NE (t bgs): 50.0 bgs): NA
Log	ged	By: C. van Stolk		•	Holic	DW Stel	m Auger		1		
Depth (feet bgs.)	Sample Interval	Lithologic Description	n	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details

	$\square$	40 0-40 5" Well graded SAND (90% sand 5% gravel 5% silt) fine to	SW/	19.91	100	100/6"	09	FB-4-40 0	x	1111	
		coarse sand, fine gravel, gray, dry, no odor.					0.0				
45 -	$\geq$	45.0-45.3': Well graded SAND (90% sand, 5% gravel, 5% silt), fine to	sw	••••	100	100/4"	0.8	FB-4-45.0	x		Bentonite
-											
50 -		50.0-50.4': Well graded SAND (90% sand, 5% gravel, 5% silt), fine to	SW		100	100/5"	1.2	FB-4-50.0	x		
		coarse sand, fine gravel, gray, dry, no odor.									
,											
55 -											
00											

	Well Construction Information											
Ionument Type: NA Filter Pack: NA Ground Surface Elevation (ft): ~150 NAVD88												
Casing Diameter (inches):	NA	Surface Seal:	Cement	Top of Casing Elevation (ft):	NA							
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	<b>Y:</b> NA							
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA								

		FARALLON	Log of Boring: FB-5							Pa	ge 1 of 4
Clie Pro Loc	ent: jec ati	Hines Interests LP t: Main Street Place on: Bellevue, WA	Date/Time Started:   8/2/21 @0825     Date/Time Completed:   8/2/21 @1320     Equipment:   D107     Drilling Company:   AEC				Sampler Type: 5 Drive Hammer (I Depth of Water <i>I</i> Total Boring Dej	bags (ft bgs): ft bgs):	gs Auto bgs): NE gs): 75.0		
Fa	rall	on PN: 691-023	Drilling Foreman: Drilling Method:	Jeffe Soni	ery Joh c Rota	n ry		Total Well Depth	i (ft l	ogs): NA	<b>\</b>
Depth (feet bgs.)	Sample Interval	Lithologic Description	n SS S	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bori Cons D	ng/Well struction etails
0		0.0-5.0': Airknife to 5.0' bgs for utility clearance.									Asphalt
-		5.0-10.0': Poorly graded SAND (90% sand, 5% silt, 5% sand, brown, moist, no odor, no staining.	% gravel), fine SP		100	NA	0.2	FB-5-5.0	x		
10 -		10.0-15.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine and medium sand, brown, moist, no odor,	10% silt, 10% SP- no staining. SM		100	NA	0.0	FB-5-10.0	×		
		15.0-20.0': Silty SAND (80% sand, 15% silt, 5% grave medium sand, brown, moist, no odor, no staining.	el), fine to SM		100	NA	0.0	FB-5-15.0	×		Bentonite

Well Construction Information												
Monument Type: NA Filter Pack: NA Ground Surface Elevation (ft): ~148 NAVD88												
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA							
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	Y: NA							
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA								

		FARALLON	Log of Boring: FB-5							Page 2 of 4		
Clie Pro Loc Fa	ent: ojec cati rall gge	Hines Interests LP et: Main Street Place on: Bellevue, WA on PN: 691-023 ed By: G. Peters	Date/Time Started:8/2/21 @0825Date/Time Completed:8/2/21 @1320Equipment:D107Drilling Company:AECDrilling Foreman:Jeffery JohnDrilling Method:Sonic Rotary			325 320 n ry		Auto NE 75.0				
Depth (feet bgs.)	Sample Interval	Lithologic Description	ו	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Borin Constr De	g/Well ruction tails
-		20.0-22.0': Silty SAND (70% sand, 30% silt), fine sand slight organic odor, no staining.	d, brown, wet,	SM		100	NA	5.2	FB-5-20.0	X		
-		22.0-25.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine to medium sand, brown, orange mottling, no staining.	10% silt, 10% moist, no odor,	SP- SM								
25 -		25.0-29.0': Poorly graded SAND (80% sand, 15% silt, sand, brown, dry and moist, fine gravel, no odor, no sta	5% gravel), fine aining.	SP		80	NA	0.3	FB-5-25.0	x		
30 -	X	29.0-30.0': No recovery.		014		400			50 5 00 0			
		30.0-35.0°: Silty SAND (70% sand, 20% silt, 10% grav gray-brown, moist, organic odor, no staining.	ei), fine sand,	SM		100	NA	1.8	FB-5-30.0	X		
35 -								8.7	FB-5-32.0	x		
		35.0-39.0': Poorly graded SAND with gravel (80% san 5% silt), fine to coarse sand, fine gravel, gray-brown, r no staining.	d, 15% gravel, noist, no odor,	SP		80	NA	NA	FB-5-35.0	×	E	3entonite
40 _	X	39.0-40.0': No recovery.										

Well Construction Information											
Monument Type: NA Filter Pack: NA Ground Surface Elevation (ft): ~148 NAVD88											
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA						
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	Y: NA						
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA							

		FARALLON	Log of Boring: FB-5 Page 3 of 4								Page 3 of 4	
Clie Pro Loc	ent: ojec cati	Hines Interests LP t: Main Street Place on: Bellevue, WA	Date/Time Started:8/2/21 @0825Date/Time Completed:8/2/21 @1320Equipment:D107Drilling Company:AEC				Sampler Type: 5' PE bags Drive Hammer (Ibs.): Auto Depth of Water ATD (ft bgs): NE Total Boring Depth (ft bgs): 75.0					
Farallon PN: 691-023			Drilling Foreman Drilling Method:	:	Jeffei Sonic	ry Joh Rota	n ry		Total Well Depth	i (ft l	bgs): NA	
Depth (feet bgs.)	Sample Interval	Lithologic Description	ı	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details	)
-		40.0-44.0': Silty SAND with gravel (70% sand, 15% sil fine sand, gray-brown, moist, no odor, no staining.	t, 15% gravel),	SM		80	NA	0.8	FB-5-40.0	X		
- 45 - - - -		44.0-45.0': No recovery. 45.0-50.0': Poorly graded SAND with gravel (70% sand fine sand, fine and medium gravel, gray, dry, no odor, r	d, 30% gravel), no staining.	SP		100	NA	0.4	FB-5-45.0	x		
50		50.0-55.0': Poorly graded SAND with gravel (70% sand 5% silt), fine to coarse sand, fine to medium gravel, gra no odor, no staining.	d, 25% gravel, ay, dry to moist,	SP		100	NA	0.0	FB-5-50.0	x		
55 - - - - - - -		55.0-60.0': Poorly graded SAND with gravel (70% same 5% silt), fine to coarse sand, fine to medium gravel, gra no odor, no staining. Cobbles present.	d, 25% gravel, ay, dry to moist,	SP		100	NA	0.1	FB-5-55.0	×	Bentonite	

Well Construction Information												
Monument Type: NA Filter Pack: NA Ground Surface Elevation (ft): ~148 NAVD88												
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA							
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	<b>Y:</b> NA							
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA								

FARALLON CONSULTING	Log of Boring: FB-5 Page 4 of									je 4 of 4
Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023 Logged By: G. Peters	Date/Time Started:8/2/21 @0825Date/Time Completed:8/2/21 @1320Equipment:D107Drilling Company:AECDrilling Foreman:Jeffery JohnDrilling Method:Sonic Rotary			325 320 n ry	Sampler Type: 5' PE bags Drive Hammer (Ibs.): Au Depth of Water ATD (ft bgs): NI Total Boring Depth (ft bgs): 75 Total Well Depth (ft bgs): NA			Auto NE 75.0		
Depth (feet bgs.) Sample Interval Cithologic Description	n	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Borir Const De	ng/Well truction etails
60.0-65.0': Silty SAND with gravel (70% sand, 15% gr fine sand, fine to medium gravel, gray, moist, no odor,	ravel, 15% silt), no staining.	SM		100	NA	0.0	FB-5-60.0	X		
65.0-70.0': Poorly graded SAND with silt and gravel (7 gravel, 10% silt), fine sand, fine to medium gravel, gra no staining	′5% sand, 15% y, moist, no odor,	SP- SM		100	NA	0.3	FB-5-65.0	×		
70.0-73.0': Poorly graded SAND (100% sand), fine sa no odor, no staining.	nd, gray, moist,	SP		100	NA	0.0	FB-5-70.0	X		Bentonite
75	sand, gray, moist,	ML		100	NA	0.0	FB-5-75.0	x		
80 _										

Well Construction Information												
Monument Type: NA Filter Pack: NA Ground Surface Elevation (ft): ~148 NAVD88												
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA							
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	<b>Y:</b> NA							
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA								

		FARALLON	Log of Boring: FB-6 Page 1 of 4									ge 1 of 4
Clie Pro Loc	ent: jec :ati	Hines Interests LP t: Main Street Place on: Bellevue, WA	Date/Time Started:8/9/21 @1310Date/Time Completed:8/9/21 @1630Equipment:D107Drilling Company:AEC				Sampler Type: 5' PE bags Drive Hammer (Ibs.): Auto Depth of Water ATD (ft bgs): NE Total Boring Depth (ft bgs): 75.0			Auto NE 75.0		
Farallon PN: 691-023 Logged By: G. Peters			Drilling Foremar Drilling Method:	ו:	Jeffe Soni	ery Joh c Rota	John Total Well Depth (ft bgs): NA Rotary				۱.	
Depth (feet bgs.)	Sample Interval	Lithologic Description	ı	nscs	<b>USCS Graphic</b>	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bori Cons D	ng/Well struction etails
0		0.0-5.0': Airknife to 5.0' bgs for utility clearance. 5.0-10.0': Silty SAND (80% sand, 20% silt), fine sand, no odor, no staining. 10.0-15.0': Silty SAND (80% sand, 20% silt), fine sand no odor, no staining.	brown, moist,	SM		100	NA	0.8	FB-6-5.0 FB-6-10.0	x		Asphalt
		15.0-20.0': Silty SAND (80% sand, 15% silt, 5% grave brown, moist, no odor, no staining.	I), fine sand,	SM		100	NA	0.2	FB-6-15.0	x		Bentonite

Well Construction Information												
Monument Type: NA Filter Pack: NA Ground Surface Elevation (ft): ~147 NAVD88												
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA							
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	Y: NA							
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA								

		FARALLON	Log of Boring: FB-6 Page 2 of 4									
Cli Pro Lo Fa Lo	ent ojec cati rall gge	Hines Interests LP et: Main Street Place on: Bellevue, WA Ion PN: 691-023 ed By: G. Peters	Date/Time Started:8/9/21 @1310Date/Time Completed:8/9/21 @1630Equipment:D107Drilling Company:AECDrilling Foreman:Jeffery JohnDrilling Method:Sonic Rotary			Sampler Type: 5' PE bagsDrive Hammer (Ibs.):AutoDepth of Water ATD (ft bgs):NETotal Boring Depth (ft bgs):75.0Total Well Depth (ft bgs):NA				Auto NE 75.0		
Depth (feet bgs.)	Sample Interval	Lithologic Descriptior	1	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Borin Consti Dei	g/Well ruction tails
		20.0-25.0': Poorly graded SAND with gravel (80% san 5% silt), fine sand, fine and medium gravel, brown, mo staining.	d, 15% gravel, ist, no odor, no	SP		100	NA	0.2	FB-6-20.0	X		
25 -		25.0-30.0': Poorly graded SAND with gravel (80% san 5% silt), fine sand, fine and medium gravel, brown, mo staining.	d, 15% gravel, ist, no odor, no	SP		100	NA	0.6	FB-6-25.0	x		
30 -		30.0-35.0': Silty SAND (70% sand, 20% silt, 10% grav brown, gray, moist, no odor, no staining.	el), fine sand,	SM		100	NA	0.8	FB-6-30.0	×		
35 -		35.0-39.0': Silty SAND (70% sand, 20% silt, 10% grav gray, moist, no odor, no staining.	el), fine sand,	SM		80	NA	NA	FB-6-35.0	×	E	Bentonite
40		39.0-40.0': No recovery.										

Well Construction Information											
Monument Type: NA		Filter Pack:	NA	Ground Surface Elevation (ft):	~147 NAVD88						
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA						
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	Y: NA						
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA							

		FARALLON	Log of Boring: FB-6 Page 3 of 4									ge 3 of 4
Clie Pro Loc	ent: jec cati	Hines Interests LP t: Main Street Place on: Bellevue, WA	Date/Time Started:8/9/21 @1310Date/Time Completed:8/9/21 @1630Equipment:D107Drilling Company:AEC			310 530	Sampler Type: 5' PE bagsDrive Hammer (Ibs.):AutoDepth of Water ATD (ft bgs):NETotal Boring Depth (ft bgs):75.0				Auto NE 75.0	
Fa	rall gge	on PN: 691-023 d By: G. Peters	Drilling Forema Drilling Method	in: I:	Jeffery John Sonic Rotary				Total Well Depth (ft bgs): NA			
Depth (feet bgs.)	Sample Interval	Lithologic Description	1	NSCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bori Cons D	ng/Well truction etails
-		40.0-45.0': Silty SAND with gravel (70% sand, 15% sil fine sand, fine gravel, gray, moist, no odor, no staining	t, 15% gravel),	SM		100	NA	0.0	FB-6-40.0	x		
43 -		45.0-50.0': Silty SAND (70% sand, 20% silt, 10% grav gray, moist, no odor, no staining.	el), fine sand,	SM		100	NA	0.0	FB-6-45.0	x		
- 55		50.0-55.0': Silty SAND with gravel (70% sand, 15% sil fine sand, fine and coarse gravel, gray, moist, no odor,	t, 15% gravel), no staining.	SM		100	NA	0.0	FB-6-50.0	x		
		55.0-60.0': Silty SAND (70% sand, 20% silt, 10% grav medium sand, gray, brown, moist, no odor, no staining	el), fine and	SM		100	NA	0.0	FB-6-55.0	×		Bentonite

Well Construction Information												
Monument Type: NA Filter Pack: NA Ground Surface Elevation (ft): ~147 NAVD88												
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA							
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	Y: NA							
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA								

		FARALLON	Log of Boring: FB-6 Page 4 of 4									e 4 of 4
Clier Proj Loca Fara Log	nt: ec atio all ge	Hines Interests LP t: Main Street Place on: Bellevue, WA on PN: 691-023 d By: G. Peters	Date/Time Started:8/9/21 @1310Date/Time Completed:8/9/21 @1630Equipment:D107Drilling Company:AECDrilling Foreman:Jeffery JohnDrilling Method:Sonic Rotary			310 630 n ry	Sampler Type: 5' PE bagsDrive Hammer (Ibs.):AutoDepth of Water ATD (ft bgs):NETotal Boring Depth (ft bgs):75.0Total Well Depth (ft bgs):NA			Auto NE 75.0		
Depth (feet bgs.)	Sample Interval	Lithologic Description	ı	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Borin Constr De	g/Well ruction tails
		60.0-65.0': Poorly graded SAND with silt (80% sand, 1 gravel), medium to coarse sand, gray, brown, moist to staining. 65.0-70.0': Silty SAND (70% sand, 20% silt, 10% grav coarse sand, gray, moist, no odor, no staining. 70.0-75.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, gray, moist, no odor, no staining.	10% silt, 10% wet, no odor, no rel), medium to	SP- SM		100	NA	0.0	FB-6-60.0 FB-6-65.0 FB-6-70.0 FB-6-75.0	x x x	E	Bentonite

Well Construction Information												
Ionument Type:     NA     Ground Surface Elevation (ft):     ~147 NAVD88												
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA							
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	Y: NA							
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA								

		FARALLON	Log of Boring: FB-7 Page 1 of 4									ge 1 of 4
Clie Pro Loc	ent: jec :ati	Hines Interests LP t: Main Street Place on: Bellevue, WA	Date/Time Started:8/6/21 @0800Date/Time Completed:8/6/21 @1145Equipment:D107Drilling Company:AEC				Sampler Type: 5' PE bagsDrive Hammer (Ibs.):AutoDepth of Water ATD (ft bgs):NETotal Boring Depth (ft bgs):75.0			Auto NE 75.0		
Fai Log	rall gge	ed By: G. Peters	Drilling Foreman Drilling Method:	1:	Soni	ry Jon c Rota	n ry		Total Well Depth	(11.1	<b>ys).</b> NA	Υ.
Depth (feet bgs.)	Sample Interval	Lithologic Description	n	nscs	<b>USCS Graphic</b>	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bori Cons D	ng/Well struction etails
		0.0-5.0': Airknife to 5.0' bgs for utility clearance.										Asphalt
-		5.0-10.0': Silty SAND (80% sand, 20% silt), fine sand no odor, no staining.	, brown, moist,	SM		100	NA	0.0	FB-7-5.0	X		
10 -		10.0-15.0': Silty SAND (80% sand, 20% silt), fine sand no odor, no staining.	d, brown, moist,	SM		100	NA	0.2	FB-7-10.0	×		
15 -		15.0-17.5': Silty SAND (80% sand, 20% silt), fine san no odor, no staining.	d, brown, moist,	SM		50	NA	0.1	FB-7-15.0	x		Bentonite
20 _		17.5-20.0': No recovery.										

Well Construction Information										
Monument Type: NA		Filter Pack:	NA	Ground Surface Elevation (ft):	~149.5 NAVD88					
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA					
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	<b>Y:</b> NA					
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA						

		FARALLON	Log of Boring: FB-7 Page 2 of 4									
Clie Pro Loc	ent: ojec catio	Hines Interests LP t: Main Street Place on: Bellevue, WA	Date/Time Started:   8,     Date/Time Completed:   8,     Equipment:   D     Drilling Company:   A			21 @08 21 @17 7	300 145		Sampler Type: 5' PE bagsDrive Hammer (Ibs.):AutoDepth of Water ATD (ft bgs):NETotal Boring Depth (ft bgs):75.0			
Fa	rall	on PN: 691-023	Drilling Foreman	n: :	Jeffery John Sonic Rotary				Total Well Depth	i (ft l	ogs): NA	
Depth (feet bgs.)	Sample Interval	Lithologic Description	1	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details	
-		20.0-25.0': Silty SAND with gravel (70% sand, 15% gr fine sand, fine gravel, moist, no odor, no staining.	avel, 15% silt),	SM		100	NA	0.1	FB-7-20.0	X		
		25.0-29.5': Poorly graded SAND with silt and gravel (7 gravel, 10% silt), fine sand, fine gravel, brown, moist, r staining.	0% sand, 20% to odor, no	SP- SM		94	NA	0.0	FB-7-25.0	x		
30 -		30.0-35.0': Poorly graded SAND with silt and gravel (7 gravel, 10% silt), fine sand, brown, moist, no odor, no	0% sand, 20% staining.	SP- SM		100	NA	0.1	FB-7-30.0	x		
35 -		35.0-40.0': Silty SAND with gravel (70% sand, 15% gr fine sand, fine to medium gravel, moist, no odor, no st	avel, 15% silt), aining.	SM		100	NA	0.1	FB-7-35.0	×	Bentonite	

Well Construction Information													
Monument Type: NA	Monument Type: NA Filter Pack: NA Ground Surface Elevation (ft): ~149.5 NAVD88												
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA								
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	<b>Y:</b> NA								
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA									

		FARALLON	Log of Boring: FB-7 Page 3 of 4									
Clie Pro Loc	ent: jec cati	Hines Interests LP t: Main Street Place on: Bellevue, WA	Date/Time Started:8/6/21 @0800Date/Time Completed:8/6/21 @1145Equipment:D107Drilling Company:AEC			300 145	Sampler Type: 5' PE bagsDrive Hammer (Ibs.):AutoDepth of Water ATD (ft bgs):NETotal Boring Depth (ft bgs):75.0				Auto NE 75.0	
Fa Lo	rall gge	on PN: 691-023 d By: G. Peters	Drilling Forema Drilling Method	n: :	Jeffe Soni	ery Joh c Rota	n ry		Total Well Depth	i (ft k	ogs): NA	
Depth (feet bgs.)	Sample Interval	Lithologic Description	1	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Borir Const De	ng/Well ruction etails
-		40.0-45.0': Silty SAND (80% sand, 15% silt, 5% grave brown, moist, no odor, no staining.	I), fine sand,	SM		100	NA	0.1	FB-7-40.0	X		
45 -		45.0-50.0': Silty SAND (80% sand, 15% silt, 5% grave brown, moist, no odor, no staining.	l), fine sand,	SM		100	NA	0.2	FB-7-45.0	×		
50 -		50.0-55.0': Silty SAND (80% sand, 15% silt, 5% grave brown, moist, no odor, no staining.	I), fine sand,	SM		100	NA	0.0	FB-7-50.0	×		
- 55 -		55.0-56.0': Silty SAND (60% sand, 40% silt), fine sand odor, no staining. 56.0-59.0': Poorly graded SAND with silt (90% sand, 1 sand, brown, moist, no odor, no staining.	d, gray, moist, no 0% silt), fine	SM SP- SM		80	NA	0.0	FB-7-55.0	x		Bentonite
60 _	$  \rangle$	59.0-60.0': No recovery.										

Well Construction Information											
Monument Type: NA Filter Pack: NA Ground Surface Elevation (ft): ~149.5 NAVD88											
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA						
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	<b>Y:</b> NA						
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA							

		FARALLON	Log of Boring: FB-7 Page 4 o								ge 4 of 4	
Clie Pro Loc Fa	ent: ojec cati rall gge	Hines Interests LP et: Main Street Place on: Bellevue, WA lon PN: 691-023 ed By: G. Peters	Date/Time Started:8/6/21 @0800Date/Time Completed:8/6/21 @1145Equipment:D107Drilling Company:AECDrilling Foreman:Jeffery JohnDrilling Method:Sonic Rotary				Sampler Type: 5' PE bagsDrive Hammer (lbs.):AutoDepth of Water ATD (ft bgs):NETotal Boring Depth (ft bgs):75.0Total Well Depth (ft bgs):NA			Auto NE 75.0		
Depth (feet bgs.)	Sample Interval	Lithologic Description	ו	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Borii Cons Do	ng/Well truction etails
-		60.0-64.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, brown, moist, no odor, no staining. 64.0-65.0': No recovery.	0% silt, 10%	SP- SM		80	NA	0.0	FB-7-60.0	X		
65 -		65.0-68.0': Poorly graded SAND with silt and gravel (7 gravel, 10% silt), fine to coarse sand, medium gravel, I odor, no staining, wood debris.	0% sand, 20% prown, moist, no	SP- SM		100	NA	0.0	FB-7-65.0	x		
-		68.0-70.0': Silty SAND (70% sand, 20% silt, 10% grav gray, moist, no odor, no staining.	el), fine sand,	SM								
-		70.0-74.0': Poorly graded SAND (90% sand, 5% silt, 5 sand, brown, moist, no odor, no staining. 74.0-75.0': No recovery.	i% gravel), fine	SP		80	NA	0.0	FB-7-70.0	×		Bentonite
75 -								0.0	FB-7-75.0	x		

Well Construction Information											
Monument Type: NA Filter Pack: NA Ground Surface Elevation (ft): ~149.5 NAVD88											
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA						
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	<b>Y:</b> NA						
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA							

		FARALLON	Log of Boring: FB-8 Page 1 of 4									ge 1 of 4
Clie Pro Loc	ent: jec :ati	Hines Interests LP t: Main Street Place on: Bellevue, WA	Date/Time Started:8/5/21 @ 1500Date/Time Completed:8/6/21 @ 0830Equipment:D107Drilling Company:AEC			Sampler Type: 5' PE bags Drive Hammer (Ibs.): Auto Depth of Water ATD (ft bgs): NE Total Boring Depth (ft bgs): 75.0				Auto NE 75.0		
Fa Log	rall gge	on PN: 691-023 d By: G. Peters	Drilling Foremar Drilling Method:	ו:	Jeffery John Sonic Rotary				Total Well Depth (ft bgs): NA			ι.
Depth (feet bgs.)	Sample Interval	Lithologic Description	ı	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bori Cons D	ng/Well struction etails
0 - - - 5-		0.0-5.0': Airknife to 5.0' bgs for utility clearance. 5.0-10.0': Silty SAND (70% sand, 30% silt), fine sand, no odor, no sheen.	brown, moist,	SM		100	NA	0.0	FB-8-5.0	x		Asphalt
		10.0-15.0': Silty SAND (80% sand, 15% silt, 5% grave brown, moist, no odor, no sheen. 15.0-20.0': Silty SAND (80% sand, 15% silt, 5% grave brown, moist, no odor, no sheen.	el), fine sand,	SM		100	NA	0.0	FB-8-10.0 FB-8-15.0	x		Bentonite
20_												

Well Construction Information											
Monument Type: NA Filter Pack: NA Ground Surface Elevation (ft): ~152 NAVD88											
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA						
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	Y: NA						
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA							

		FARALLON CONSULTING	Log of Boring: FB-8 Page 2 of 4									e 2 of 4
Clie Pro Loc	ent: jec catio	Hines Interests LP t: Main Street Place on: Bellevue, WA	Date/Time Started:8/5/21 @ 1500Date/Time Completed:8/6/21 @ 0830Equipment:D107Drilling Company:AEC				Sampler Type: 5' PE bags Drive Hammer (Ibs.): Auto Depth of Water ATD (ft bgs): NE Total Boring Depth (ft bgs): 75.0			Auto NE 75.0		
Fa	rall age	on PN: 691-023 d By: G. Peters	Drilling Forema Drilling Method	in: I:	Jeffe Sonie	ry Joh c Rota	n ry		Total Well Depth	i (ft k	ogs): NA	
Depth (feet bgs.)	Sample Interval	Lithologic Description	1	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Borin Const De	ig/Well ruction itails
-		20.0-25.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, brown, moist, no odor, no sheen.	0% silt, 10%	SP- SM		100	NA	0.3	FB-8-20.0	X		
25 -		25.0-29.0': Well-graded SAND with gravel (70% sand, silt), fine to coarse sand, brown, moist, no odor, no sho 29.0-30.0': No Recovery.	25% gravel, 5% een.	SW		80	NA	0.2	FB-8-25.0	x		
30 -		30.0-35.0': Poorly graded SAND with gravel (80% san fine sand, brown, moist, no odor, no sheen.	d, 20% gravel),	SP		100	NA	0.2	FB-8-30.0	×		
35 -		35.0-40.0': Poorly graded SAND with silt and gravel (7 gravel, 10% silt), fine sand, brown, moist, no odor, no	0% sand, 20% sheen.	SP- SM		100	NA	0.3	FB-8-35.0	x		Bentonite

Well Construction Information											
Monument Type: NA Filter Pack: NA Ground Surface Elevation (ft): ~152 NAVD88											
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA						
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	<b>Y:</b> NA						
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA							

		FARALLON		Lo	og (	of E	Borir	ıg:	FB-8		Page 3 of 4
Clie Pro Loc Fai	ent: jec cati rall gge	Hines Interests LP et: Main Street Place on: Bellevue, WA lon PN: 691-023 ed By: G. Peters	Date/Time Started:8/5/21 @ 1500S.Date/Time Completed:8/6/21 @ 0830D.Equipment:D107D.Drilling Company:AECToDrilling Foreman:Jeffery JohnToDrilling Method:Sonic Rotary			Sampler Type: 5 Drive Hammer (I Depth of Water / Total Boring Dep Total Well Depth	ampler Type: 5' PE bagsprive Hammer (Ibs.):Autopepth of Water ATD (ft bgs):NEfotal Boring Depth (ft bgs):75.0fotal Well Depth (ft bgs):NA				
Depth (feet bgs.)	Sample Interval	Lithologic Description	1	NSCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
-		40.0-45.0': Silty SAND with gravel (70% sand, 15% sil fine to medium sand, brown, moist, no odor, no sheen	t, 15% gravel),	SM		100	NA	0.3	FB-8-40.0	x	
45		45.0-49.0': Silty SAND (70% sand, 20% silt, 10% grav medium sand, brown, moist, no odor, no sheen. 49.0-50.0': No Recovery.	el), fine to	SM		80	NA	0.0	FB-8-45.0	x	
50		45.0-49.0': Silty SAND (70% sand, 20% silt, 10% grav grayish brown, moist, no odor, no sheen. 54.0-55.0': No Recovery.	el), fine sand,	SM		80	NA	0.2	FB-8-50.0	x	
55		55.0-59.0': Silty SAND (60% sand, 30% silt, 10% grav brown, moist, no odor, no sheen.	el), fine sand,	SM		80	NA	0.5	FB-8-55.0	×	Bentonite
60 _	$  \rangle$	59.0-60.0': No Recovery.									

Well Construction Information											
Monument Type: NA Filter Pack: NA Ground Surface Elevation (ft): ~152 NAVD88											
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA						
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	Y: NA						
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA							

		FARALLON		Lo	og -	of E	Borir	ıg:	FB-8		Paç	je 4 of 4
Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023 Logged By: G. Peters			Date/Time Started:8/5/21 @ 1500Date/Time Completed:8/6/21 @ 0830Equipment:D107Drilling Company:AECDrilling Foreman:Jeffery JohnDrilling Method:Sonic Rotary				Sampler Type: 5' PE bagsDrive Hammer (Ibs.):AutoDepth of Water ATD (ft bgs):NETotal Boring Depth (ft bgs):75.0Total Well Depth (ft bgs):NA			Auto NE 75.0		
Depth (feet bgs.)	Sample Interval	Lithologic Description	n	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Borin Cons De	ng/Well truction etails
		60.0-65.0': Silty SAND (70% sand, 25% silt, 5% grave gray, moist, no odor, no sheen. 65.0-69.0': Poorly graded SAND with silt (80% sand, ' gravel), fine sand, brown, moist, no odor, no sheen. 69.0-70.0': No Recovery. 70.0-75.0': Silty SAND (70% sand, 25% silt, 5% grave grayish brown, moist, no odor, no sheen.	el), fine sand, 10% silt, 10% el), fine sand,	SM SP- SM		100	NA	0.2	FB-8-60.0 FB-8-65.0 FB-8-70.0	x		Bentonite
								5.1				

	Well Construction Information										
Monument Type:     NA     Ground Surface Elevation (ft):     ~152 NAVD88											
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA						
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	Y: NA						
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA							

FARALLON CONSULTING		Lc	bg (	of E	Borir	ıg:	FB-9		Page 1 of 1
Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023	Date/Time Started Date/Time Comple Equipment: Drilling Company Drilling Foreman: Drilling Method:	d: eted: r:	8/4/2 8/4/2 Geop AEC Levi	21 @ 0 21 @ 0 probe 7 Mayna ct Pust	725 750 7822DT rd		Sampler Type: 5' Drive Hammer (II Depth of Water A Total Boring Dep Total Well Depth	' mad bs.): ATD oth (i (ft k	rrocore NA (ft bgs): NE ft bgs): 15.5 ogs): NA
Logged By: C. van Stolk	I	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details

0	0.0-0.3': Asphalt.	со						*****	
-	0.3-5.0': Vacuum cleared for utilities.								Asphalt
5	5.0-8.3": Well graded SAND with silt (80% sand, 10% silt, 10% gravel), fine to coarse sand, fine and coarse gravel, dry, brown, no odor.	SW- SM	65	NA	0.3	FB-9-5.0	x		
	10.0-11.5': Well graded SAND with gravel (80% sand, 20% gravel), fine to coarse sand, fine and coarse gravel, tan, dry, no odor. 11.5-15.0': Well graded SAND with silt (80% sand, 10% silt, 10% gravel), fine to coarse sand, fine and coarse gravel, dry, brown, no odor.	SW- SM-	100	NA	1.2	FB-9-10.0	x		Bentonite
15	15.0-15.5': No Recovery.			NA	0.5	FB-9-15.0	x		

	Well Construction Information										
Monument Type: NA Filter Pack: NA Ground Surface Elevation (ft): ~151 NAVD88											
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA						
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X:	Y:						
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA							

FARALLON CONSULTING		Lo	g	of I	Borir	ıg:	FB-10		Page 1 of 1
Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023	Date/Time Started: Date/Time Comple Equipment: Drilling Company: Drilling Foreman: Drilling Method:	: 8 eted: 8 0 1	8/4/2 8/4/2 Geop AEC Levi	21 @ 0 21 @ 0 probe 7 Mayna	0755 0820 7822DT ard		Sampler Type: 5 Drive Hammer (II Depth of Water A Total Boring Dep Total Well Depth	' mad bs.): ATD oth (i (ft b	rocore NA (ft bgs): NE ft bgs): 14 ogs): NA
Logged By: C. van Stolk	Drilling Methoa:		Direc	t Pusi	n				
Depth (feet bgs.) Sample Interval Sample Sample Interval	1	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details

_											
0		0.0-0.3': Asphalt.	co /							\$115.84	Asubalt
-		0.3-5.0': Vacuum cleared for utilities.									Asphalt
-	1										
-	1										
5-		5 0-9 0': Well-graded SAND with silt (80% sand 10% silt 10%	SW/-	1 - 1 	80	ΝΔ	0.1	FB-10-5.0	$ \mathbf{x} $		
		gravel) fine to coarse sand brown dry no odor	SM	· ·	00		0.1	10-10-0.0	$ ^{} $		
-		grately, mile to course cana, promi, ary, no caor.	0.01	· · · ·							
	$  \rangle  $			· · · ·							
-	$\mathbb{N}$										
	X I										
-	I A			· · · ·							
				<u></u>							
-	$   \setminus$										
	/ \	9.0-10.0': No Recovery.									Bentonite
10 -					1						
	$\Lambda$ /	10.0-12.0': Well-graded SAND with silt (80% sand, 10% silt, 10%	SW-	<u></u>	100	NA	0.3	FB-10-10.0	X		
-	$\Lambda$ /	gravel), fine to coarse sand, brown, dry, no odor.	SM	· · · ·	-						
	$  \rangle  $			1. <del>.</del> .							
-	ΙV										
	$  \wedge  $	12.0-14.0': Sandy SILT (50% silt, 40% sand, 10% gravel), fine to	ML								
	$ \rangle\rangle$	coarse sand, fine gravel, brown, dry, no odor.									
	$ \rangle \setminus$										
-	$\langle \rangle$										
							0.2	FB-10-14.0	X		
15 -											
15-											
-											
-	]										
-											
-	1										
20											

	Well Construction Information										
Monument Type: NA Filter Pack: NA Ground Surface Elevation (ft): ~152 NAVD88											
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA						
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	<b>Y:</b> NA						
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA							

FARALLON CONSULTING		Lo	g (	of E	Borir	ıg:	FB-11		Page 1 of 1
Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA	Date/Time Started: Date/Time Comple Equipment: Drilling Company:	: 8 ted: 8	8/4/2 8/4/2 Geop AEC	1 @ 0 1 @ 0 probe 7	835 850 7822DT		Sampler Type: 5 Drive Hammer (II Depth of Water A Total Boring Dep	' mac bs.): ATD (i oth (fl	rocore NA ft bgs): NE t bgs): 14
Farallon PN: 691-023Logged By:C. van Stolk	Drilling Foreman: Drilling Method:	l	Levi I Direc	Mayna t Pusł	rd า		Total Well Depth	(ft b	gs): NA
Depth (feet bgs.) Sample Interval Sample Sample Sample Interval		uscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details

0		0.0-0.3': Asphalt.	co /							*****	A
	-	0.3-5.0': Vacuum cleared for utilities.									Asphait
	1										
	1										
-											
5-		E 0.10.01: Wall graded SAND with ailt and gravel (750), and 100, ailt	C\A/		100		0.2	EB 11 5 0			
	$\Lambda$	15% gravel), brown, dry, no odor.	SW-	· - · ·	100		0.5	FB-11-5.0	$ ^{} $		
-	1\ /			÷ ± ÷							
	$\mathbb{N}$		3	· · · ·							
	Y										
	ΗA		8	<u></u>							
	$   \rangle$										
	1/ \			<u></u>							Bentonite
10 -				****							
10	$\Lambda$ /	10.0-14.0': Well-graded SAND with silt and gravel (75% sand, 10%	SW-	· · · ·	100	NA	0.2	FB-11-10.0	X		
	$\left  \right\rangle $	Silt, 15% graver), brown, dry, no odor.		<u>.</u>							
	IV										
	11			÷÷÷							
	$ \rangle$			$\frac{1}{1}$							
	$   \setminus$			· · · ·							
	(		-				0.0	EB-11-14.0			
. –							0.0	1 0-11-14.0	$ ^{} $		
15 -	1										
	-										
	1										
	1										
20											
20	1		1	1		1		1	1 1		1

Well Construction Information										
Monument Type: NA		Filter Pack:	NA	Ground Surface Elevation (ft):	~153 NAVD88					
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA					
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	Y: NA					
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA						

	FARALLON	L	.og	of I	Borir	ıg:	FB-12		Page 1 of 1	
Client Projec Locati Faral	Hines Interests LP et: Main Street Place on: Bellevue, WA Ion PN: 691-023	Date/Time Started:8/4/21 @ 0910Date/Time Completed:8/4/21 @ 0940Equipment:Geoprobe 7822DTDrilling Company:AECDrilling Foreman:Levi MaynardDrilling Method:Direct Push				Sampler Type: 5' macrocoreDrive Hammer (Ibs.):NADepth of Water ATD (ft bgs):NETotal Boring Depth (ft bgs):18Total Well Depth (ft bgs):NA				
	d By: C. van Stolk				8/8/			ed		
Depth (feet bg: Sample Interva	Lithologic Description	r s s s	USCS Graphic	% Recovery	Blow Counts 8	PID (ppm)	Sample ID	Sample Analyz	Boring/Well Construction Details	

0		0.0-0.3': Asphalt.	_ co							<b>XXXX</b>	Asphalt
-		0.3-5.0': Vacuum cleared for utilities.									
5		5.0-10.0': Well-graded SAND with silt (80% sand, 10% silt, 10% gravel), fine to coarse sand, fine and coarse gravel, brown, dry, slight sharp odor.	SW- SM		100	NA	0.3	FB-12-5.0	×		
-	$\bigvee$	10.0-12.0': Well-graded SAND with silt (80% sand, 10% silt, 10% gravel), fine to coarse sand, fine and coarse gravel, brown, dry, slight sharp odor.	SW- SM		100	NA	0.1	FB-12-10.0	X		Bentonite
-	$\left  \right\rangle$	12.0-14.0': Silty SAND (70% sand, 20% silt, 10% gravel), fine to coarse sand, fine and coarse gravel, brown with gray mottled, dry, slight odor.	SM	· - · - · - · - · - · - · - · - · - · -							
	$  \rangle$	14.0-15.0': Sandy SILT (50% silt, 40% sand, 10% gravel), fine to coarse sand, fine gravel, grav, dry, no odor.	ML								
15		15.0-18.0': Silty SAND (70% sand, 20% silt, 10% gravel), fine to coarse sand, fine and coarse gravel, brown with gray mottled, dry, slight odor.	SM		100	NA	0.3	FB-12-14.0	x		
							0.1	FB-12-18.0	X		
20 _											

Well Construction Information											
Monument Type: NA		Filter Pack:	NA	Ground Surface Elevation (ft):	~154 NAVD88						
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA						
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	<b>Y:</b> NA						
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA							

FARALLON CONSULTING		Lo	g	of E	Borir	ıg:	FB-13		Page 1 of 1
Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023	Date/Time Started Date/Time Comple Equipment: Drilling Company: Drilling Foreman: Drilling Method:	21 @ 1110Sampler Type: 5'21 @ 1130Drive Hammer (Ibpprobe 7822DTDepth of Water ATCTotal Boring Depthi MaynardTotal Well Depth of			' mad bs.): ATD oth (f	macrocore s.): NA TD (ft bgs): NE th (ft bgs): 14 (ft bgs): NA			
Logged By: C. van Stolk		USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details

0		0.0-0.3': Asphalt.	co						Asphalt
-		0.3-5.0: Vacuum cleared for utilities.							
-									
_									
_									
_									
5-		5.0-6.2': Well-graded SAND with silt (80% sand, 10% silt, 10% gravel), fine to coarse sand, fine and coarse gravel, brown, dry, no odor.	SW- SM	25	NA	0.0	FB-13-5.0	x	
-	$\mathbb{N}$	6.2-10.0': No Recovery.							
-		10.0-13.5': Well-graded SAND with silt (80% sand, 10% silt, 10% gravel), fine to coarse sand, fine to coarse gravel, brown, dry, moist @ 12.7 feet bgs, no odor.	SW- SM	100	NA	0.5	FB-13-10.0	x	Bentonite
-	$\left  \right $								
Į	1	13.5-14.0': Sandy SILT (50% silt, 40% sand, 10% gravel), fine to coarse sand, fine gravel, brown, dry, no odor	ML			0.9	FB-13-13.5	x	
15 -									
10									
-									
-									
-									
_									
20									

		Well Construction	on Information		
Monument Type: NA		Filter Pack:	NA	Ground Surface Elevation (ft):	~143 NAVD88
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	Y: NA
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA	

FARALLON CONSULTING		Lo	og	of I	Borir	ıg:	FB-14		Page 1 of 1
Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023	Date/Time Started:8/4/21 @ 1255Sampler Type: 5' macrosDate/Time Completed:8/4/21 @ 1355Drive Hammer (lbs.):Equipment:Geoprobe 7822DTDepth of Water ATD (ft bDrilling Company:AECTotal Boring Depth (ft bgs)Drilling Foreman:Levi MaynardTotal Well Depth (ft bgs)						rrocore NA (ft bgs): NE ft bgs): 12 ogs): NA		
Logged By: C. van Stolk	Drilling Method:		Dire	ct Pusl	h				
Depth (feet bgs.) Sample Interval Cithologic Description	1	uscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details

0	]	0.0-0.3': Asphalt.	со						
-	-	0.3-5.0': Vacuum cleared for utilities.							Asphalt
5-		5.0-10.0': Well-graded SAND with silt (80% sand, 10% silt, 10% gravel) fine to coarse sand, brown, dry, no odor.	SW- SM	100	NA	0.0	FB-14-5.0	x	Bentonite
10 -		10.0-11.2': Well-graded SAND with silt (80% sand, 10% silt, 10% gravel) fine to coarse sand, brown, dry, no odor. 11.2-12.0': Silty SAND (80% sand, 20% silt), fine to medium sand,	SW- SM SM	100	NA	0.1	FB-14-10.0	x	
		brown, ary, no odor.				0.0	FB-14-12.0	x	
15_									

	Well Construction Information											
Monument Type: NA Filter Pack: NA Ground Surface Elevation (ft): ~144 NAVD88												
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA							
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	<b>Y:</b> NA							
Screened Interval (ft bgs):	NA	Boring Abandonment:	Bentonite	Unique Well ID: NA								

FARALLON CONSULTING		Lo	g	of I	Borir	ıg:	FB-15		Page 1 of 1
Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023	Date/Time Started:8/4/21 @ 1435Sampler Type: 5' macrocoreDate/Time Completed:8/4/21 @ 1500Drive Hammer (Ibs.):Equipment:Geoprobe 7822DTDepth of Water ATD (ft bgs)Drilling Company:AECTotal Boring Depth (ft bgs):Drilling Foreman:Levi MaynardTotal Well Depth (ft bgs):						rocore NA (ft bgs): NE ft bgs): 12 ogs): NA		
Logged By: C. van Stolk	Drilling Method:		Direc	t Pusl	h				
Depth (feet bgs.) Sample Interval Sample Sample Description		nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details

0	0.0-0.3': Asphalt.	co j								
	0.3-5.0': Vacuum cleared for utilities.								Ĩ	Asphalt
_										
_										
-										
5	5.0-8.3': Well-graded SAND with gravel (80% sand, 15% gravel 5% silt), fine to coarse sand, fine and coarse gravel, brown, dry, slight organic odor.	SW		70	NA	0.7	FB-15-5.0	x		
-	8.3-10.0': No Recovery.		iii:							Bentonite
10	10.0-12.0': Silty SAND (80% sand, 20% silt), fine to medium sand, grayish brown, slight organic odor.	SM		100	NA	0.5	FB-15-10.0	x		
			ili							
		1		n:		0.4	FB-15-12.0	X		
-										
-										
15										

Well Construction Information										
Monument Type: NA Filter Pack: NA Ground Surface Elevation (ft): ~143 NAVD88										
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA					
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	Y: NA					
Screened Interval (ft bgs): NA Boring Abandonment: Bentonite Unique Well ID: NA										

FARALLON CONSULTING		Lo	og	of I	Borir	ıg:	FB-16		Page 1 of 1
Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023	Date/Time Starter Date/Time Compl Equipment: Drilling Company Drilling Foreman	d: leted: y: :	: 8/4/21 @ 1505 Sampler Type: 5' macrocore ted: 8/4/21 @ 1535 Drive Hammer (lbs.): Geoprobe 7822DT Depth of Water ATD (ft bgs): AEC Total Boring Depth (ft bgs): Levi Maynard Direct Durk				rocore NA (ft bgs): ~10.0 ft bgs): 14.5 ogs): NA		
Logged By: C. van Stolk	Drilling Method:		Direo	ct Pusl	h				
Depth (feet bgs.) Sample Interval Sample Sample Sam	1	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details

0	]	0.0-0.3': Asphalt.	co							Acabalt
		0.3-5.0': Vacuum cleared for utilities.								Asphalt
-	-									
5			21	0.00						
5-		5.0-6.0': Well-graded GRAVEL (100% gravel), fine and coarse gravel, gray, dry, no odor.	GW		20	NA	0.6	FB-16-5.0	X	
-	1\ /	6.0-10.0': No Recovery.	*							
	$\left  \right\rangle$									
	ľ									Bentonite
	łĄ									
	$   \setminus$									
										Water Level
10 -		10.0-10.8': Well-graded SAND with gravel (60% sand, 40% gravel), fine to coarse sand, gray, wet, petroleum-like odor.	SW		20	NA	0.0	FB-16-10.0	x	×
	$\left  \right\rangle$	10.8-14.5': No Recovery.								
	$\left  \right\rangle$									
	Ĭ									
	$\left  \right $									
	$   \rangle$									
-										
45	<u> </u>									
15	1									

Well Construction Information									
Monument Type: NA Filter Pack: NA Ground Surface Elevation (ft): ~143 NAVD88									
Casing Diameter (inches):	NA	Surface Seal:	Asphalt	Top of Casing Elevation (ft):	NA				
Screen Slot Size (inches):	NA	Annular Seal:	Bentonite	Surveyed Location: X: NA	Y: NA				
Screened Interval (ft bgs): NA Boring Abandonment: Bentonite Unique Well ID: NA									

		FARALLON	L	og	of I	Boriı	ng:	FMW-8		Pa	ge 1 of 6
Clie Pro Loc Fa	Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023		Date/Time Started: Date/Time Completed Equipment: Drilling Company: Drilling Foreman:	8/17/21 @ 0715Sampler Type: 5' PE Bagsed: 8/17/21 @ 1830Drive Hammer (Ibs.):D107 Sonic RigDepth of Water ATD (ft bgs):AECTotal Boring Depth (ft bgs):.leffrey.lohnTotal Well Depth (ft bgs): 120					NA 108.0 120.0 D.0		
Lo	gge	ed By: G. Peters	Drilling Method:	Son	ic Rota	ry					
Depth (feet bgs.)	Sample Interval	Lithologic Description	n SCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bori Cons D	ng/Well truction etails
0		0.0-0.5': Cleared for utilities using air knife.									Well Monument
5-		5.0-10.0': Silty SAND (80% sand, 20% silt), fine sand, no odor, no staining.	, brown, moist, SM		100	NA	0.0	FMW-8-5.0	x		Cement
10 -		10.0-15.0': Poorly graded SAND (90% sand, 5% silt, 5 sand, brown, moist, no odor, no staining.	5% gravel), fine SP		100	NA	0.4	FMW-8-10.0	×		Bentonite
15 -		15.0-19.0': Poorly graded SAND (90% sand, 5% silt, 5 sand, gray, moist, no odor, no staining.	5% gravel), fine SP		80	NA	0.7	FMW-8-15.0	x		Well Casing
20 _		19.0-20.0': No Recovery.									

Well Construction Information										
Monument Type: Flush Mount Filter Pack: 12/20 Sand Ground Surface Elevation (ft): N/A										
Casing Diameter (inches): 2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	154.32 NAVD88						
Screen Slot Size (inches): 0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs):     100-120     Boring Abandonment:     N/A     Unique Well ID:     BMW 269										

		FARALLON		Lo	og (	of E	Boriı	ng:	FMW-8		Page 2 of 6
Clic Pro	ent: ojec cati	Hines Interests LP t: Main Street Place on: Bellevue, WA	Date/Time Starte Date/Time Comp Equipment: Drilling Compan	ed: bleted: by:	8/17/21 @ 0715 d: 8/17/21 @ 1830 D107 Sonic Rig AEC				Sampler Type: 5' PE BagsDrive Hammer (Ibs.):NADepth of Water ATD (ft bgs):108.0Total Boring Depth (ft bgs):120.0		
Fa Lo	rall age	on PN: 691-023	Drilling Foremar Drilling Method:	rilling Foreman: Jeffrey John Total Well Depth (ft bgs): 12   rilling Method: Sonic Rotary						<b>9gs):</b> 120.0	
Depth (feet bgs.)	Sample Interval	Lithologic Description	1	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
		20.0-24.0': Silty SAND (80% sand, 15% silt, 5% grave gray, moist, no odor, no staining. 24.0-25.0': No Recovery.	), fine sand,	SM		80	NA	1.5	FMW-8-20.0	x	
25 -		25.0-30.0': Silty SAND (80% sand, 15% silt, 5% gravel gray, moist, no odor, no staining.	l), fine sand,	SM		100	NA	1.1	FMW-8-25.0	x	
30 -		30.0-35.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, brown, moist, no odor, no staining.	0% silt, 10%	SP- SM		100	NA	0.0	FMW-8-30.0	x	
35 -		35.0-40.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, brown, moist, no odor, no staining.	0% silt, 10%	SP- SM		100	NA	0.4	FMW-8-35.0	x	

Well Construction Information										
Monument Type: Flush Mount Filter Pack: 12/20 Sand Ground Surface Elevation (ft): N/A										
Casing Diameter (inches): 2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	154.32 NAVD88						
Screen Slot Size (inches): 0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs):     100-120     Boring Abandonment:     N/A     Unique Well ID:     BMW 269										

		FARALLON		Lo	og (	of E	Boriı	ng:	FMW-8		Page 3 of 6
Clie Pro Loc	ent: oject catic	Hines Interests LP Main Street Place Bellevue, WA	Date/Time Started:8/17/21 @ 0715Sampler Type: 5' PE BagDate/Time Completed:8/17/21 @ 1830Drive Hammer (Ibs.):Equipment:D107 Sonic RigDepth of Water ATD (ft bDrilling Company:AECTotal Boring Depth (ft bg				Bags NA (ft bgs): 108.0 it bgs): 120.0				
Fa	rallo	on PN: 691-023 d By: G Peters	Drilling Forema Drilling Method	an: 1:	Jeffr Sonie	ey Joh c Rota	n ry		Total Well Depth	ı (ft b	ogs): 120.0
Depth (feet bgs.)	Sample Interval	Lithologic Description	1	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
-		40.0-44.0': Silty SAND (70% sand, 20% silt, 10% grav brown, moist, no odor, no staining. 44.0-45.0': No Recovery.	rel), fine sand,	SM		80	NA	0.8	FMW-8-40.0	X	
45 -		45.0-50.0': Silty SAND (70% sand, 20% silt, 10% grav brown, moist, no odor, no staining.	el), fine sand,	SM		100	NA	0.6	FMW-8-45.0	×	
50 -		50.0-55.0': Silty SAND (60% sand, 30% silt, 10% grav gray, moist, no odor, no staining.	el), fine sand,	SM		100	NA	0.5	FMW-8-50.0	×	
55 - - - - - -		55.0-60.0': Silty SAND (70% sand, 20% silt, 10% grav gray, moist, no odor, no staining.	el), fine sand,	SM		100	NA	0.6	FMW-8-55.0	×	

Well Construction Information										
Monument Type: Flush Mount Filter Pack: 12/20 Sand Ground Surface Elevation (ft): N/A										
Casing Diameter (inches): 2" Surface Seal: Cement Top of Casing Elevation (ft): 154.32 NAVD88										
Screen Slot Size (inches): 0.0	010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A					
Screened Interval (ft bgs):     100-120     Boring Abandonment:     N/A     Unique Well ID:     BMW 269										

		FARALLON		Log of Boring: FMW-8 Page 4 of 6						Page 4 of 6
Clie Pro Loc Fa	Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023 Logged By: G. Peters		Date/Time Started:8/17/21 @ 0715Sampler Type: 5' PE BagDate/Time Completed:8/17/21 @ 1830Drive Hammer (Ibs.):Equipment:D107 Sonic RigDepth of Water ATD (ft bDrilling Company:AECTotal Boring Depth (ft bgDrilling Foreman:Jeffrey JohnTotal Well Depth (ft bgs)Drilling Method:Sonic Rotary					Bags NA (ft bgs): 108.0 (ft bgs): 120.0 ogs): 120.0		
Depth (feet bgs.)	Sample Interval	Lithologic Descriptior	1 3 3 3 1	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
		60.0-64.0': Sandy SILT (60% silt, 40% sand), fine sand odor, no staining. 64.0-65.0': No Recovery.	d, gray moist, no M	IL	80	NA	1.1	FMW-8-60.0	x	
65 -		65.0-66.0': Poorly graded SAND with silt (90% sand, 1 sand, gray with dark brown staining, no odor. 66.0-69.0': Sandy SILT (60% silt, 40% sand), fine sand no odor. 69.0-70.0': No Recovery.	0% silt), fine SI SI d, gray, moist, M	P- M	80	NA	0.0	FMW-8-65.0	x	
70 -		70.0-75.0': Silty SAND with gravel (70% sand, 15% silt fine sand, fine and medium gravel, gray, moist, no odo	r, 15% gravel), SI	M	100	NA	1.4	FMW-8-70.0	x	
75 -		75.0-80.0': Sandy SILT (60% silt, 40% sand), fine and gray, moist to wet, no odor, no staining.	medium sand, M	IL	100	NA	0.6	FMW-8-75.0	x	

	Well Construction Information											
Monument Type: Flush Mour	nt	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A							
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	154.32 NAVD88							
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A							
Screened Interval (ft bgs):	100-120	Boring Abandonment:	N/A	Unique Well ID: BMW 269								

		FARALLON		Lo	og (	of I	Boriı	ng:	FMW-8		Page 5 of 6
Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA			Date/Time Started:8/17/21Date/Time Completed:8/17/21Equipment:D107 §Drilling Company:AEC		8/17/21 @ 0715 8/17/21 @ 1830 D107 Sonic Rig AEC			Sampler Type: 5' PE BagsDrive Hammer (lbs.):NADepth of Water ATD (ft bgs):108.0Total Boring Depth (ft bgs):120.0			
Fa	rall age	on PN: 691-023	Drilling Forema Drilling Methoo	an: J:	Jeffr Soni	ey Joh c Rota	in iry		Total Well Depth	(ft b	<b>gs):</b> 120.0
Depth (feet bgs.)	Sample Interval	Lithologic Description	1	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
-		80.0-84.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, brown, moist, no odor, no staining.	0% silt, 10%	SP- SM		80	NA	0.3	FMW-8-80.0	X	
85 -		84.5-85.0': No Recovery. 85.0-89.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, brown, moist, no odor, no staining.	0% silt, 10%	SP- SM		80	NA	0.4	FMW-8-85.0	x	
90 -		89.0-90.0': No Recovery. 90.0-93.0': Poorly graded SAND with gravel (80% sand 5% silt), fine sand, fine and medium gravel, brown, mo staining. 93.0-95.0': No Recovery.	d, 15% gravel, ist, no odor, no	SP		60	NA	1.5	FMW-8-90.0	x	
95 -		95.0-98.0': Poorly graded SAND with gravel (80% san 5% silt), fine sand, fine and medium gravel, brown, mo staining. 98.0-100.0': No Recovery.	d, 15% gravel, ist, no odor, no	SP		60	NA	0.8	FMW-8-95.0	x	

Well Construction Information											
Monument Type: Flush Mount	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A							
Casing Diameter (inches): 2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	154.32 NAVD88							
Screen Slot Size (inches): 0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A							
Screened Interval (ft bgs): 100-120	Boring Abandonment:	N/A	Unique Well ID: BMW 269								

Client: Hines Interests LP Project: Date Time Started: 917/21 @ 0715 Date Time Complete: Sampler Type: 5 PE Bags Dive Hammer (bbs): NA Dot Total Boring Depth of Water ATO (ftbs): NA Depth of Water ATO (ftbs): NA D.1 FMW-8-100 X   105 105:0-110:0*: Poorly graded SAND (ftb0% sand, 10% gravel), fine sand. SP 100 NA D.1 FMW-8-100:0 X Weil Screen   110 110:0-115:0*: Poorly graded SAND (ftb0% sand), fine and medium sand, brown, weil, no odor, no stating. SP 1			FARALLON		Lo	og -	of E	Borir	ıg:	FMW-8		Pa	ge 6 of 6
Yes Lithologic Description yes   yes <th td="" yes<<=""><td colspan="2">Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023 Logged By: G. Peters</td><td colspan="2">Date/Time Started:8/17/21 @ 0715Date/Time Completed:8/17/21 @ 1830Equipment:D107 Sonic RigDrilling Company:AECDrilling Foreman:Jeffrey JohnDrilling Method:Sonic Rotary</td><td></td><td>Sampler Type: 5 Drive Hammer (II Depth of Water A Total Boring Dep Total Well Depth</td><td>PE os.): TD oth (1 (ft b</td><td>Bags (ft bgs): ft bgs): ogs): 12</td><td>NA 108.0 120.0 0.0</td></th>	<td colspan="2">Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023 Logged By: G. Peters</td> <td colspan="2">Date/Time Started:8/17/21 @ 0715Date/Time Completed:8/17/21 @ 1830Equipment:D107 Sonic RigDrilling Company:AECDrilling Foreman:Jeffrey JohnDrilling Method:Sonic Rotary</td> <td></td> <td>Sampler Type: 5 Drive Hammer (II Depth of Water A Total Boring Dep Total Well Depth</td> <td>PE os.): TD oth (1 (ft b</td> <td>Bags (ft bgs): ft bgs): ogs): 12</td> <td>NA 108.0 120.0 0.0</td>	Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023 Logged By: G. Peters		Date/Time Started:8/17/21 @ 0715Date/Time Completed:8/17/21 @ 1830Equipment:D107 Sonic RigDrilling Company:AECDrilling Foreman:Jeffrey JohnDrilling Method:Sonic Rotary			Sampler Type: 5 Drive Hammer (II Depth of Water A Total Boring Dep Total Well Depth	PE os.): TD oth (1 (ft b	Bags (ft bgs): ft bgs): ogs): 12	NA 108.0 120.0 0.0			
105     100-105': Poorly graded SAND with gravel (80% sand, 15% gravel, 5%	Depth (feet bgs.) Sample Interval Fithologic Description			1	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bor Cons D	ing/Well struction etails
	105 -		100-105': Poorly graded SAND with gravel (80% sand, silt), fine sand, fine and medium gravel, brown, moist, i staining. 105.0-110.0': Poorly graded SAND (90% sand, 10% g brown, moist to wet, no odor, no staining. 110.0-115.0': Poorly graded SAND (100% sand), fine i sand, brown, wet, no odor, no staining.	15% gravel, 5% no odor, no ravel), fine sand, and medium	SP SP SP		100	NA	0.1	FMVV-8-100 FMVV-8-105.0 FMVV-8-110.0 FMVV-8-115.0	x x x		Well Screen

Well Construction Information											
Monument Type: Flush Mou	Int	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A						
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	154.32 NAVD88						
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs):	100-120	Boring Abandonment:	N/A	Unique Well ID: BMW 269							

		FARALLON		Lc	og (	of E	Boriı	ıg:	FMW-9		Pa	nge 1 of 6
Clie Pro Loc	Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA		Date/Time Started: Date/Time Completed: Equipment: Drilling Company:		8/18/21 @ 0730 8/19/21 @ 1030 D107 Sonic Rig AEC				Sampler Type: 5' PE Bags Drive Hammer (Ibs.): NA Depth of Water ATD (ft bgs): 97 Total Boring Depth (ft bgs): 115.0			NA : 97 115.0
Fai Log	rall gge	on PN: 691-023 d By: G. Peters	Drilling Foreman: Drilling Method:		Jeffre Sonie	ey Joh c Rota	n ry		Total Well Depth	(ft b	<b>)gs):</b> 11	5.0
Lithologic Description			ı	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bori Cons E	ing/Well struction Details
0		0.0-5.0': Cleared for utilities using air knife.										Well Monument
		5.0-10.0': Poorly graded SAND with silt (90% sand, 10 sand, brown, moist, no odor, no staining.	)% silt), fine S	5P- 5M		100	NA	0.0	FMW-9-5.0	x		Cement
- 10 - - -		10.0-14.0': Silty SAND (80% sand, 15% silt, 5% grave brown, moist, no odor, no staining. 14.0-15.0': No Recovery.	I), fine sand, S	SM		80	NA	0.0	FMW-9-10.0	x		Bentonite
- 15 -		15.0-19.0': Silty SAND (80% sand, 15% silt, 5% grave brown, moist, no odor, no staining.	I), fine sand, S	SM		80	NA	0.0	FMW-9-15.0	x		Well Casing
20 _	$  \rangle$	19.0-20.0": No Recovery.										

Well Construction Information											
Monument Type: Flush Mount Filter Pack: 12/20 Sand Ground Surface Elevation (ft): N/A											
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	154.01 NAVD88						
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs):	95-115	Boring Abandonment:	N/A	Unique Well ID:							

		FARALLON		L	og (	of I	Boriı	ng:	FMW-9		Page 2 of 6
Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA		Date/Time Started: Date/Time Completed: Equipment: Drilling Company:		8/18/21 @ 0730 8/19/21 @ 1030 D107 Sonic Rig AEC				Sampler Type: 5' PE BagsDrive Hammer (Ibs.):NADepth of Water ATD (ft bgs):97Total Boring Depth (ft bgs):115.0			
Fa	rall	lon PN: 691-023	Drilling Forema Drilling Methoo	an: I:	Jeffre Sonie	ey Joh c Rota	in iry		Total Well Depth	(ft b	<b>gs):</b> 115.0
Depth (feet bgs.)	Sample Interval	Lithologic Description	1	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
		20.0-24.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, brown, moist, no odor, no staining. 24.0-25.0': No Recovery.	0% silt, 10%	SP- SM		80	NA	0.0	FMW-9-20.0	X	
25 -		25.0-29.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, brown, moist, no odor, no staining. 29.0-30.0': No Recovery.	0% silt, 10%	SP- SM		80	NA	0.5	FMW-9-25.0	x	
30 -		30.0-35.0': Silty SAND with gravel (70% sand, 15% si fine to coarse sand, brown, moist, no odor, no staining	t, 15% gravel),	SM		100	NA	0.0	FMW-9-30.0	x	
35 -		35.0-40.0': Well graded SAND with silt and gravel (70 gravel, 10% silt), fine to coarse sand, fine and coarse gray-brown, moist, no odor, no staining.	% sand, 20% gravel,	SW- SM		100	NA	0.1	FMW-9-35.0	x	

	Well Construction Information											
Monument Type: Flush Mour	nt	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A							
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	154.01 NAVD88							
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A							
Screened Interval (ft bgs):	95-115	Boring Abandonment:	N/A	Unique Well ID:								

-		FARALLON		Lo	bg	of E	Boriı	ıg:	FMW-9		Page 3 of 6
Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA		Date/Time Started:   8/     Date/Time Completed:   8/     Equipment:   D     Drilling Company:   A		8/18/21 @ 0730 8/19/21 @ 1030 D107 Sonic Rig AEC				Sampler Type: 5' PE Bags Drive Hammer (Ibs.): NA Depth of Water ATD (ft bgs): 97 Total Boring Depth (ft bgs): 115.0			
Fa	rall	on PN: 691-023	Drilling Forema Drilling Method	ın: I:	Jeffr Soni	ey Joh c Rota	n rv		Total Well Depth	(ft k	<b>ogs):</b> 115.0
Lo	gge I	ed By: G. Peters	<b>j</b>				· ,				
Depth (feet bgs.)	Sample Interval	Lithologic Descriptior	1	nscs	<b>USCS Graphic</b>	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
		40.0-44.0': Silty SAND (70% sand, 20% silt, 10% grav gray, moist, no odor, no staining.	el), fine sand,	SM		80	NA	0.0	FMW-9-40.0	×	
45 -		44.0-45.0': No Recovery. 45.0-49.0': Silty SAND (70% sand, 20% silt, 10% grav gray, moist, no odor, no staining. 49.0-50.0': No Recovery	el), fine sand,	SM		80	NA	1.8	FMW-9-45.0	×	
50 -		50.0-54.0': Silty SAND (70% sand, 25% silt, 5% grave gray, moist, no odor, no staining.	I), fine sand,	SM		80	NA	0.0	FMW-9-50.0	×	
55 -		55.0-60.0': Silty SAND (60% sand, 30% silt, 10% grav gray, moist, no odor, no staining.	el), fine sand,	SM		100	NA	0.0	FMW-9-55.0	×	

Well Construction Information											
Monument Type: Flush Mount	Filter Pack:	12/20 Sand	Ground Surface Elevation (f	i): N/A							
Casing Diameter (inches): 2"	Surface Seal	: Cement	Top of Casing Elevation (ft):	154.01 NAVD88							
Screen Slot Size (inches): 0.0	010 Annular Seal	: Bentonite	Surveyed Location: X: N/A	• <b>Y:</b> N/A							
Screened Interval (ft bgs): 95-	-115 Boring Aban	donment: N/A	Unique Well ID:								
		FARALLON		Lo	bg	of E	Boriı	ng:	FMW-9		Page 4 of 6
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Clie Pro Loc	ent: ojec cati	Hines Interests LP t: Main Street Place on: Bellevue, WA	Date/Time Started:         8/18/21 @ 0730         S.           Date/Time Completed:         8/19/21 @ 1030         D           Equipment:         D107 Sonic Rig         D           Drilling Company:         AEC         To			Sampler Type: 5' PE Bags Drive Hammer (Ibs.): NA Depth of Water ATD (ft bgs): 97 Fotal Boring Depth (ft bgs): 115.0					
Fai Log	rall gge	on PN: 691-023 ed By: G. Peters	Drilling Forema Drilling Method	n: :	Jeffr Soni	ey Joh c Rota	n ry		Total Well Depth	(ft k	ogs): 115.0
Depth (feet bgs.)	Sample Interval	Lithologic Description	ı	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
-		60.0-65.0': Silty SAND (70% sand, 25% silt, 5% grave gray, moist, no odor, no staining.	l), fine sand,	SM		100	NA	0.0	FMW-9-60.0	X	
-		65.0-70.0': Silty SAND (70% sand, 25% silt, 5% grave gray, moist, no odor, no staining.	l), fine sand,	SM		100	NA	0.0	FMW-9-65.0	X	
70 -		70.0-75.0': SILT with sand (70% silt, 20% sand, 10% sand, gray, moist, no odor, no staining.	gravel), fine	ML		100	NA	0.0	FMW-9-70.0	×	
		75.0-80.0': SILT with sand (70% silt, 20% sand, 10% sand, gray, moist, no odor, no staining.	gravel), fine	ML		100	NA	0.0	FMW-9-75.0	x	

Well Construction Information											
Monument Type: Flush Mount	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A							
Casing Diameter (inches): 2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	154.01 NAVD88							
Screen Slot Size (inches): 0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A							
Screened Interval (ft bgs): 95-115	Boring Abandonment:	N/A	Unique Well ID:								

	FARALLON	L	og (	of E	Borir	ng:	FMW-9		Pa	ige 5 of 6
CI Pr Lc	ient: Hines Interests LP oject: Main Street Place ocation: Bellevue, WA	Date/Time Started:8/18/21 @ 0730Date/Time Completed:8/19/21 @ 1030Equipment:D107 Sonic RigDrilling Company:AEC				Sampler Type: 5' PE Bags Drive Hammer (Ibs.): NA Depth of Water ATD (ft bgs): 97 Total Boring Depth (ft bgs): 115.0				
	ogged By: G. Peters	Drilling Method:	Sonio	Sonic Rotary			· · · · · · · · · · · · · · · · · · ·			
Depth (feet bgs.)	Lithologic Description	n NSCS N	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bor Con: E	ing/Well struction Details
	80.0-85.0': Well graded SAND with gravel (80% sand, silt), fine to coarse sand, brown, moist, no odor.	15% gravel, 5% SW		100	NA	0.0	FMW-9-80.0	X		
85	85.0-90.0": Well graded SAND (90% sand, 5% silt, 5% coarse sand, brown, moist, no odor, no staining.	gravel), fine to SW		100	NA	0.0	FMW-9-85.0	×		
90	90.0-94.0': Poorly graded SAND (90% sand, 10% grave brown, moist, no odor, no staining. 94.0-95.0': No Recovery.	el), fine sand, SP		80	NA	0.0	FMW-9-90.0	×		
95	95.0-100.0': Well graded SAND (90% sand, 5% silt, 5% coarse sand, brown, moist, no odor, no staining.	% gravel), fine to SW		100	NA	0.0	FMW-9-95.0	×		▼ Water Level

Well Construction Information											
Monument Type: Flush Mou	nt	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A						
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	154.01 NAVD88						
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs):	95-115	Boring Abandonment:	N/A	Unique Well ID:							

		FARALLON		L	og	of I	Boriı	ng:	FMW-9		Pa	ige 6 of 6
Clie Pro Loe	ent: ojec cati	Hines Interests LP t: Main Street Place on: Bellevue, WA	Date/Time Started:       8/18/21 @ 0730         Date/Time Completet:       8/19/21 @ 1030         Equipment:       D107 Sonic Rig         Drilling Company:       AEC				Sampler Type: 5' PE BagsDrive Hammer (Ibs.):NADepth of Water ATD (ft bgs):97Total Boring Depth (ft bgs):115.0					
Fa	rall	lon PN: 691-023	Drilling Forema Drilling Method	an: d:	Jeffr Soni	ey Joh c Rota	n ry		Total Well Depth (ft bgs): 115.0			
Lo	gge I	ed By: G. Peters	<b>.</b>				,					
Depth (feet bgs.)	Sample Interval	Lithologic Descriptio	n	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bor Cons D	ing/Well struction Details
105 -		100-105.0': Poorly graded SAND (90% sand, 5% silt, medium and coarse sand, brown, wet, no odor, no sta 105.0-110.0': Poorly graded SAND (95% sand, 5% si brown, wet, no odor, no staining.	5% gravel), ining. t), fine sand,	SP		100	NA	0.0	FMW-9-100 FMW-9-105.0	x		Well Screen
110 -		110.0-115.0': Poorly graded SAND with silt (90% san coarse sand, grayish brown, wet, no odor, no staining	d, 10% silt),	SP- SM		100	NA	0.0	FMW-9-110.0	×		Sand Pack

Monument Type:	Flush Mount	Well Construction Filter Pack: 12	Informat 2/20 Sand	ion	Ground S	Surface Elevation (ft	): N/A	
					I			
120								

115 -

-- NA 0.0 FMW-9-115.0 X

		Well Constructi	on Information				
Monument Type: Flush Mon	unt	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A		
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	154.01 NAVD88		
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A		
Screened Interval (ft bgs):	95-115	Boring Abandonment:	N/A	Unique Well ID:			

FARALLON CONSULTING	L	og	of I	Borin	g:	FMW-10	)	Page 1 of 6
Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA	Date/Time Started:       8/4/21 @ 1313         Date/Time Completed:       8/5/21 @ 1133         Equipment:       D107 Sonic R         Drilling Company:       AEC			315 130 c Rig	Sampler Type: 5' PE Drive Hammer (Ibs.): Depth of Water ATD Total Boring Depth (			Bags NA (ft bgs): 100 ft bgs): 115.0
Farallon PN: 691-023Logged By:G. Peters	Drilling Foreman: Jeffrey John Drilling Method: Sonic Rotary				Total Well Depth (ft bgs): 115.0			
Depth (feet bgs.) Sample Interval Cithologic Description	n Rscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details

0	0.0-1.0': Asphalt.							Well Monument
-	1.0-5.0': Vacuum cleared for utilities. Silty SAND (80% sand, 20% silt), fine sand, brown, moist, no odor, no staining.	SM						Cement
5	5.0-9.5': Silty SAND (80% sand, 15% silt, 5% gravel), fine sand, brown, moist, no odor, no staining.	SM	94	NA	0.0	FMW-10-5.0	x	
	9.5-10.0': No Recovery. 10.0-14.5': Silty SAND (80% sand, 15% silt, 5% gravel), fine sand, brown, moist, no odor, no staining.	SM	94	NA	0.0	FMW-10-10.0	x	Bentonite
15	14.5-15.0': No Recovery. 15.0-17.5': Silty SAND (70% sand, 20% silt, 10% gravel), fine sand, brown, moist, no odor, no staining.	SM	50	NA	0.0	FMW-10-15.0	x	Well Casing
20								

	Well Construction Information										
Monument Type: Flush Mou	Int	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A						
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	147.47 NAVD88						
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs):	95.0-115.0	Boring Abandonment:	N/A	Unique Well ID: BMK 265							

		FARALLON		Lo	og -	of E	Borir	ıg:	FMW-10	)	Page 2 of 6
Clie Pro Loc	ent: ojec cati	Hines Interests LP t: Main Street Place on: Bellevue, WA	Date/Time Started:8/4/21 @ 1315Date/Time Completed:8/5/21 @ 1130Equipment:D107 Sonic RigDrilling Company:AEC				Sampler Type: 5' PE BagsDrive Hammer (lbs.):NADepth of Water ATD (ft bgs):100Total Boring Depth (ft bgs):115.0				
га Lo	raii gge	d By: G. Peters	Drilling Method:	n: :	Soni	c Rotai	ry			(IC )	<b>993).</b> 110.0
Depth (feet bgs.) Sample Interval Contraction Depth (feet bgs.) Depth (feet bgs.)			1	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
		20.0-24.0': Silty SAND (50% sand, 45% silt, 5% grave brown, moist, no odor, no staining.	l), fine sand,	SM		80	NA	0.0	FMW-10-20.0	x	
25 -		24.0-25.0': No Recovery. 25.0-27.0': Silty SAND with gravel (70% sand, 15% sil fine sand, graish brown, wet, no odor, no staining.	t, 15% gravel),	SM		100	NA	0.0	FMW-10-25.0	x	
-		27.0-30.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, grayish brown, moist, no odor, no st	0% silt, 10% aining.	SP- SM							
30 -		30.0-35.0': Silty SAND with gravel (60% sand, 25% sil fine sand, fine and medium gravel, gray, moist, no odo	t, 15% gravel), r, no staining.	SM		100	NA	0.0	FMW-10-30.0	x	
35 -		35.0-40.0': Silty SAND (60% sand, 20% silt, 10% grav gray, moist, no odor, no staining.	el), fine sand,	SM		100	NA	0.0	FMW-10-35.0	x	

Well Construction Information										
Monument Type: Flush Mo	unt	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A					
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	147.47 NAVD88					
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A					
Screened Interval (ft bgs):	95.0-115.0	Boring Abandonment:	N/A	Unique Well ID: BMK 265						

		FARALLON		Lo	og -	of E	Borir	ıg:	FMW-10	)	Page 3 of 6
Clie Pro Loc Fa	ent: ojec cati rall	Hines Interests LP t: Main Street Place on: Bellevue, WA	Date/Time Started:       8/4/21 @ 1315         Date/Time Completed:       8/5/21 @ 1130         Equipment:       D107 Sonic Rig         Drilling Company:       AEC         Drilling Foreman:       Jeffrey John				Bags NA (ft bgs): 100 (t bgs): 115.0 pgs): 115.0				
Lo	gge	ed By: G. Peters	Drilling Method:	:	Sonic Rotary						
Depth (feet bgs.)	Sample Interval	Lithologic Description	ı	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
-		40.0-45.0': Silty SAND (70% sand, 30% silt), fine sand odor, no staining.	d, gray, moist, no	SM		100	NA	0.0	FMW-10-40.0	x	
45 -		45.0-49.0': Silty SAND (70% sand, 30% silt), fine sand odor, no staining. 49.0-50.0': No Recovery.	d, gray, moist, no	SM		80	NA	0.0	FMW-10-45.0	x	
50 -		50.0-55.0': Silty SAND (60% sand, 30% silt, 10% grav gray, moist, no odor, no staining.	/el), fine sand,	SM		100	NA	0.0	FMW-10-50.0	x	
55 - - - - - - -		55.0-60.0': Silty SAND (60% sand, 30% silt, 10% grav gray, moist, no odor, no staining.	/el), fine sand,	SM		100	NA	0.0	FMW-10-55.0	x	

Well Construction Information												
Monument Type: Flush Mount	Filt	iter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A							
Casing Diameter (inches): 2"	Su	Irface Seal:	Cement	Top of Casing Elevation (ft):	147.47 NAVD88							
Screen Slot Size (inches): 0.0	010 <b>An</b>	nnular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A							
Screened Interval (ft bgs): 95.	5.0-115.0 <b>Bo</b>	oring Abandonment:	N/A	Unique Well ID: BMK 265								

		FARALLON		Lo	og -	of E	Boriı	ng:	FMW-10	)	Page 4 of 6
Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023 Logged By: G. Peters			Date/Time Started:       8/4         Date/Time Completed:       8/5         Equipment:       D1         Drilling Company:       AE         Drilling Foreman:       Jef         Drilling Method:       So			21 @ 1 21 @ 1 7 Sonic ey Joh c Rota	315 130 c Rig n ry		Sampler Type: 5' Drive Hammer (II Depth of Water A Total Boring Dep Total Well Depth	Bags NA (ft bgs): 100 (t bgs): 115.0 ogs): 115.0	
Depth (feet bgs.)	Sample Interval	Lithologic Description	1	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
-		60.0-65.0': Silty SAND with gravel (70% sand, 15% si fine sand, gray, fine and medium gravel, moist, no odo Trace cobbles.	t, 15% gravel), r, no staining.	SM		100	NA	0.0	FMW-10-60.0	x	
- 20		65.0-70.0': Poorly graded SAND with silt (90% sand, 1 sand, gray, moist, no odor, no staining.	0% silt), fine	SP- SM		100	NA	0.0	FMVV-10-65.0	x	
- 10		70.0-74.0': Poorly graded SAND (90% sand, 5% silt, 5 sand, gray, moist, no odor, no staining. 74.0-75.0': Silty SAND (70% sand, 30% silt), fine sand	;% gravel), fine d, gray, moist, no	SP- SM SM		100	NA	0.0	FMVV-10-70.0	x	
75 -		odor, no staining. 75.0-80.0': Silty SAND (70% sand, 20% silt, 10% grav gray, moist to wet, no odor, no staining.	el), fine sand,	SM		100	NA	0.0	FMW-10-75.0	x	

Well Construction Information												
Monument Type: Flush Mount Filter Pack: 12/20 Sand Ground Surface Elevation (ft): N/A												
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	147.47 NAVD88							
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A							
Screened Interval (ft bgs):	95.0-115.0	Boring Abandonment:	N/A	Unique Well ID: BMK 265								

		FARALLON		L	og	of E	Boriı	ng:	FMW-10	)	Page 5 of 6
Clie Pro Loo	ent: ojec cati	Hines Interests LP et: Main Street Place on: Bellevue, WA	Date/Time Started:8/4/21 @ 1315Date/Time Completed:8/5/21 @ 1130Equipment:D107 Sonic RigDrilling Company:AEC			315 130 c Rig	Sampler Type: 5' PE Bags Drive Hammer (Ibs.): NA Depth of Water ATD (ft bgs): 100 Total Boring Depth (ft bgs): 115.0				
Fa Log	rall gge	lon PN: 691-023 ed By: G. Peters	Drilling Foreman: Jeffrey John Drilling Method: Sonic Rotary				Total Well Depth	(ft l	<b>bgs):</b> 115.0		
Depth (feet bgs.)	Sample Interval	Lithologic Description	n	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
-		80.0-84.0': Silty SAND (70% sand, 20% silt, 10% grav coarse sand, grayish brown, moist, no odor, no stainin 84.0-85.0': No Recovery.	/el), fine to g.	SM		80	NA		FMW-10-80.0	X	
85 -		85.0-89.0': Poorly graded SAND with gravel (70% san 5% silt), fine to coarse sand, fine gravel, brown, moist staining. 89.0-90.0': No Recovery.	d, 25% gravel, , no odor, no	SP		80	NA		FMW-10-85.0	x	
90 -		90.0-95.0': Poorly graded SAND (100% sand), fine to brown, moist, no odor, no staining.	medium sand,	SP		100	NA		FMW-10-90.0	x	
95 -		95.0-100.0': Poorly graded SAND (95% sand, 5% gra brown, moist, no odor, no staining.	vel), fine sand,	SP		100	NA		FMW-10-95.0	x	

Well Construction Information												
Monument Type: Flush Mount Filter Pack: 12/20 Sand Ground Surface Elevation (ft): N/A												
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	147.47 NAVD88							
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A							
Screened Interval (ft bgs):	95.0-115.0	Boring Abandonment:	N/A	Unique Well ID: BMK 265								

		FARALLON		Lo	og (	of I	Boriı	ng:	FMW-10	)	Pa	age 6 of 6
Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023 Logged By: G. Peters			Date/Time Stard Date/Time Com Equipment: Drilling Compa Drilling Forema Drilling Method	ted: pleted: ny: in: i:	8/4/2 8/5/2 D107 AEC Jeffre	1 @ 1 1 @ 1 7 Soni ey Joh	1315 130 c Rig nn ny		Sampler Type: 5 Drive Hammer (I Depth of Water A Total Boring Dep Total Well Depth	PE bs.): ATD oth (f	Bags (ft bgs) ft bgs): pgs): 11	NA : 100 115.0 5.0
Depth (feet bgs.)	Sample Interval	Lithologic Description	n	uscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bor Con: E	ing/Well struction Details
		100.0-101.0': Poorly graded SAND with silt (80% sand gravel), coarse sand, brown, wet, no odor, no staining 101.0-103.0': SILT (90% silt, 5% sand, 5% gravel), fir wet, no odor, no staining. 103.0-105.0': Poorly graded SAND (90% sand, 10% g sand, brown, wet, no odor, no staining.	d, 10% silt, 10%	SP- SM ML SP		100	NA		FMW-10-100.0	X		Water Level

105		sand, brown, wet, no odor, no staining.							
		105.0-110.0': Poorly graded SAND (90% sand, 10% gravel), coarse sand, brown, wet, no odor, no staining. Cobbles present.	SP	100	NA	-	FMW-10-105.0	x	Well Screen
110 -		110.0-115.0': Well graded SAND (90% sand, 10% gravel), fine to coarse sand, brown, wet, no odor, no staining.	SW	100	NA		FMW-10-110.0	×	Sand Pack
115 -	-				NA		FMW-10-115.0	x	

Well Construction Information												
Monument Type: Flush Mount Filter Pack: 12/20 Sand Ground Surface Elevation (ft): N/A												
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	147.47 NAVD88							
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A							
Screened Interval (ft bgs):	95.0-115.0	Boring Abandonment:	N/A	Unique Well ID: BMK 265								

		FARALLON		Lo	og (	of E	Boriı	ng:	FMW-11		Pa	nge 1 of 6
Clie Pro Loo	ent: ojec cati	Hines Interests LP et: Main Street Place on: Bellevue, WA	Date/Time Started:8/Date/Time Completed:8/Equipment:DDrilling Company:A			(21 @ (21 @ 7 Sonia	0820 1700 c Rig		Sampler Type: 5' Drive Hammer (Ik Depth of Water A Total Boring Dep	PE os.): TD ( th (f	Bags ft bgs) t bgs):	NA : 100 120.0
Fa Lo	rall gge	lon PN: 691-023 ed By: G. Peters	Drilling Foreman Drilling Method:	1:	Jeffrey John Sonic Rotary				Total Well Depth (ft bgs):			5.0
Depth (feet bgs.)	Sample Interval	Lithologic Descriptior	1	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bor Con: E	ing/Well struction Details
	-	0.0-5.0: Cleared for utilities using air knife.										Well Monument Cement
-		5.0-9.5': Poorly graded SAND with silt (90% sand, 10% brown, moist, no odor, no staining.	6 silt), fine sand,	SP- SM		94	NA	0.0	FMW-11-5.0	x		
10 -		10.0-14.5': Poorly graded SAND (90%sand, 5% silt, 5' sand, brown, moist, no odor, no staining.	% gravel), fine	SP		94	NA	0.0	FMW-11-10.0	x		Bentonite
15 -		14.5-15.0': No Recovery. 15.0-20.0': Poorly graded SAND (90%sand, 5% silt, 5 sand, brown, moist, no odor, no staining.	% gravel), fine	SP		100	NA	0.0	FMW-11-15.0	x		Well Casing

Well Construction Information												
Monument Type: Flush Mount Filter Pack: 12/20 Sand Ground Surface Elevation (ft): 148.24 M												
Casing Diameter (inches): 2"	S	urface Seal:	Cement	Top of Casing Elevation	on (ft):	N/A						
Screen Slot Size (inches): 0.0	D10 A	nnular Seal:	Bentonite	Surveyed Location:	<b>X:</b> N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs): 95.	5.0-115.0 <b>B</b>	oring Abandonment:	N/A	Unique Well ID:								

		FARALLON	L	og	of I	Boriı	ng:	FMW-11		Page 2 of 6
Clic Pro Loc Fa	Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023 Logged By: G. Peters		Date/Time Started: Date/Time Completed: Equipment: Drilling Company: Drilling Foreman: Drilling Method:		8/10/21 @ 0820 : 8/10/21 @ 1700 D107 Sonic Rig AEC Jeffrey John Sonic Rotary			Sampler Type: 5' Drive Hammer (II Depth of Water A Total Boring Dep Total Well Depth	Bags NA (ft bgs): 100 ft bgs): 120.0 ogs): 115.0	
Depth (feet bgs.)	Sample Interval	Lithologic Descriptio	n Soso	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
25 -		20.0-24.0': Silty SAND (70% sand, 20% silt, 10% grav brown, dry to moist, no odor, no staining. 24.0-25.0': No Recovery. 25.0-29.0': Silty SAND (70% sand, 20% silt, 10% grav brown, dry to moist, no odor, no staining.	/el), fine sand, SM /el), fine sand, SM		80	NA	0.0	FMW-11-20.0 FMW-11-25.0	x	
30 -		29.0-30.0': No Recovery. 30.0-35.0': Silty SAND (70% sand, 20% silt, 10% grave brown, dry to moist, no odor, no staining. 35.0-40.0': Silty SAND (70% sand, 25% silt, 5% grave gray, moist, no odor, no staining.	/el), fine sand, SM		100	NA		FMW-11-30.0 FMW-11-35.0	x	Bentonite

Well Construction Information											
Monument Type: Flush Mou	unt	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	148.24 NAVD88						
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	N/A						
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs):	95.0-115.0	Boring Abandonment:	N/A	Unique Well ID:							

		FARALLON CONSULTING Log of Boring: FMW-11						ge 3 of 6				
Clie Pro Loc Fa	ent: ojec cati rall	Hines Interests LP et: Main Street Place on: Bellevue, WA on <b>PN:</b> 691-023	Date/Time Started:8/10/21 @ 0820Date/Time Completed:8/10/21 @ 1700Equipment:D107 Sonic RigDrilling Company:AECDrilling Foreman:Jeffrey JohnDrilling Method:Sonic Retary				Sampler Type: 5' PE BagsDrive Hammer (lbs.):NADepth of Water ATD (ft bgs):100Total Boring Depth (ft bgs):120.0Total Well Depth (ft bgs):115.0			NA 100 120.0 5.0		
Logged By: G. Peters					ic		8/8/8			yzed		1.000
Lithologic Descriptio			n	nscs	USCS Graph	% Recovery	Blow Counts	PID (ppm)	Sample ID	Sample Anal	Bori Cons D	ng/Well struction etails
-		40.0-45.0': Silty SAND with gravel (70% sand, 15% sil fine to coarse sand, fine gravel, brown, moist, no odor,	lt, 15% gravel), no staining.	SM		100	NA	0.0	FMW-11-40.0	x		
45		45.0-50.0': Well graded SAND with gravel (70% sand, silt), fine to coarse sand, fine gravel, brown, moist, no	25% gravel, 5% odor.	SW		100	NA	0.0	FMW-11-45.0	x		
50		50.0-55.0': Silty SAND with gravel (70% sand, 15% sil fine sand, fine gravel, brown, moist, no odor, no stainir	it, 15% gravel), ıg.	SM		100	NA	0.0	FMW-11-50.0	x		Bentonite
55 -		55.0-60.0': Silty SAND with gravel (70% sand, 15% sil fine sand, fine gravel, brown, moist, no odor, no stainir	t, 15% gravel), ng.	SM		100	NA	0.0	FMW-11-55.0	x		

Well Construction Information											
Monument Type: Flush Mo	unt	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	148.24 NAVD88						
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	N/A						
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs):	95.0-115.0	Boring Abandonment:	N/A	Unique Well ID:							

	FARALLON		Log	of l	Boriı	ng:	FMW-1	1	Page 4 of 6
Clier Proje Loca	t: Hines Interests LP ect: Main Street Place tion: Bellevue, WA	Date/Time Started:8/10/21 @ 082Date/Time Completed:8/10/21 @ 170Equipment:D107 Sonic RiDrilling Company:AEC			0820 Sampler Type: 5' PE Bags 1700 Drive Hammer (Ibs.): NA c Rig Depth of Water ATD (ft bgs): 100 Total Boring Depth (ft bgs): 120.0				
Fara	Illon PN: 691-023	Drilling Foreman: Drilling Method:	Jef Sor	frey Joh nic Rota	ın ıry		Total Well Depth	ı (ft b	<b>gs):</b> 115.0
Depth (feet bgs.)	Lithologic Description		USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
65	60.0-65.0': Silty SAND (70% sand, 20% silt, 10% grave brown, moist, no odor, no staining. 65.0-70.0': Silty SAND (60% sand, 30% silt, 10% grave brown, moist, no odor, no staining.	el), fine sand, SI	и 	100	NA	0.0	FMW-11-60.0	x	
	70.0-75.0': Silty SAND (70% sand, 25% silt, 5% gravel brown, moist, no odor, no staining.         75.0-76.0': Silty SAND (70% sand, 25% silt, 5% gravel brown, moist, no odor, no staining.         76.0-80.0': Poorly graded SAND with silt (80% sand, 1% gravel), fine sand, brown, moist, no odor, no staining.	I), fine sand, SI I), fine sand, SI 0% silt, 10% SI SI	M M M D- M	100	NA	0.0	FMW-11-70.0 FMW-11-75.0	x	Bentonite

Well Construction Information											
Monument Type: Flush Mount	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	148.24 NAVD88							
Casing Diameter (inches): 2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	N/A							
Screen Slot Size (inches): 0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A							
Screened Interval (ft bgs): 95.0-1	15.0 Boring Abandonment:	N/A	Unique Well ID:								

		FARALLON		L	og	of I	Boriı	ng:	FMW-1	1	F	age 5 of 6
Clic Pro	Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA		Date/Time Start Date/Time Com Equipment: Drilling Compa	Date/Time Started: Date/Time Completed: Equipment: Drilling Company:		8/10/21 @ 0820 : 8/10/21 @ 1700 D107 Sonic Rig AEC			Sampler Type: 5' PE Bags Drive Hammer (Ibs.): NA Depth of Water ATD (ft bgs): 100 Total Boring Depth (ft bgs): 120.			
Farallon PN: 691-023			Drilling Forema	ın:	Jeffi	rey Joh	in		Total Well Depth	n (ft b	<b>gs):</b> 1	15.0
Lo	gge	d By: G. Peters	Drilling Method	l:	Son	Sonic Rotary						
Depth (feet bgs.) Sample Interval Fithologic Descriptio			n	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bo Cor	ring/Well istruction Details
		80.0-85.0': Poorly graded SAND (95% sand, 5% silt), brown, moist, no odor, no staining.	fine sand,	SP		100	NA	0.0	FMW-11-80.0	X		
85 -		85.0-90.0': Poorly graded SAND (95% sand, 5% silt), brown, moist, no odor, no staining.	fine sand,	SP		100	NA	0.0	FMW-11-85.0	x		Bentonite

90	90.0-94.0': Silty SAND (70% sand, 20% silt, 10% gravel), fine sand, brown, moist, no odor, no staining.	SM	100	NA	0.0	FMVV-11-90.0	x		
or	94.0-95.0': No Recovery.							•	Sand Pack
95	95.0-100.0': Silty SAND (70% sand, 20% silt, 10% gravel), fine sand, brown, moist, no odor, no staining.	SM	100	NA	0.0	FMW-11-95.0	x		

Well Construction Information										
Monument Type: Flush Mon	unt	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	148.24 NAVD88					
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	N/A					
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A					
Screened Interval (ft bgs):	95.0-115.0	Boring Abandonment:	N/A	Unique Well ID:						

		FARALLON	Log of Boring: FMW-11 Page 6 of 6									ge 6 of 6
Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023			Date/Time Starte Date/Time Comp Equipment: Drilling Compan Drilling Foremar Drilling Method:	Jate/Time Started:       8/10/21 @ 0820       Sampler Type: 5' PE Bag         Jate/Time Completed:       8/10/21 @ 1700       Drive Hammer (lbs.):         Squipment:       D107 Sonic Rig       Depth of Water ATD (ft I         Drilling Company:       AEC       Total Boring Depth (ft bgs         Drilling Method:       Senie Retary       Senie Retary				Bags (ft bgs): ft bgs): ogs): 11	Bags NA <b>t bgs):</b> 100 <b>bgs):</b> 120.0 g <b>s):</b> 115.0			
Depth (feet bgs.)	Sample Interval	Lithologic Description	n	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bori Cons D	ng/Well struction etails
		100.0-105.0': Poorly graded SAND with silt (90% sand sand, brown, moist, no odor, no staining.	1, 10% silt), fine	SP- SM		100	NA	0.0	FMW-11-100.0	X		Water Level
		105.0-110.0': Poorly graded SAND (90% sand, 5% sil fine sand, brown, moist, no odor, no staining.	t, 5% gravel),	SP		100	NA	0.0	FMW-11-105.0	x		Well Screen
		110.0-115.0': Poorly graded SAND (90% sand, 5% sil fine sand, brown, moist, no odor, no staining.	t, 5% gravel),	SP		-	NA		FMW-11-110.0	×		
115 -		115.0-120.0': Poorly graded SAND (90% sand, 5% sil fine sand, brown, moist, no odor, no staining.	t, 5% gravel),	SP		-	NA		FMW-11-115.0	x		Bentonite

Well Construction Information										
Monument Type: Flush Mour	nt	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	148.24 NAVD88					
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	N/A					
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A					
Screened Interval (ft bgs):	95.0-115.0	Boring Abandonment:	N/A	Unique Well ID:						

		FARALLON		Lo	og (	of E	Boriı	ng:	FMW-12	<u>}</u>	Pa	ge 1 of 6
Clie Pro Loc	ent: ojec cati	Hines Interests LP et: Main Street Place on: Bellevue, WA	Date/Time Started: Date/Time Completed: Equipment: Drilling Company:		8/11/21 @ 1115 8/12/21 @ 0930 D107 Sonic Rig AEC				Sampler Type: 5' PE Bags Drive Hammer (Ibs.): N/ Depth of Water ATD (ft bgs): 10 Total Boring Depth (ft bgs): 11			NA 100 115.0
Fa	rall qqe	on PN: 691-023	Drilling Foreman: Drilling Method:	:	Jeffre Sonie	ey Joh c Rota	n ry		Total Well Depth	(ft k	ogs): 11	5.0
Depth (feet bgs.)	Sample Interval	Lithologic Description	1	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bori Cons D	ng/Well struction etails
0		0.0-5.0: Cleared for utilities using air knife.										Well Monument
5		5.0-10.0': Silty SAND (80% sand, 20% silt), fine sand, no odor, no staining.	brown, moist,	SM		100	NA	0.0	FMW-12-5.0	x		Cement
- 10 -		10.0-15.0': Poorly graded SAND with silt (90% sand, 1 sand, brown, moist, no odor, no staining.	0% silt), fine	SP- SM		100	NA	0.0	FMW-12-10.0	x		Bentonite
15		15.0-20.0': Silty SAND (80% sand, 20% silt), fine sand no odor, no staining.	I, brown, moist,	SM		100	NA	0.0	FMW-12-15.0	x		Well Casing

Well Construction Information										
Monument Type: Flush Mou	Int	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A					
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	153.90 NAVD88					
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A					
Screened Interval (ft bgs):	95.0-115.0	Boring Abandonment:	N/A	Unique Well ID: BMK 267						

		FARALLON	Log of Boring: FMW-12 Page 2 of 6									
Clie Pro Loc Fa	ent: ojec cati rall	Hines Interests LP et: Main Street Place on: Bellevue, WA on PN: 691-023	Date/Time Started:       8/11/         Date/Time Completed:       8/12/         Equipment:       D107         Drilling Company:       AEC         Drilling Foreman:       Jeffr			8/11/21 @ 1115       Sar         8/12/21 @ 0930       Dri         D107 Sonic Rig       Dep         AEC       Tot         Jeffrey John       Tot			Sampler Type: 5 Drive Hammer (II Depth of Water A Total Boring Dep Total Well Depth	Campler Type: 5' PE Bags Drive Hammer (Ibs.): NA Depth of Water ATD (ft bgs): 100 Total Boring Depth (ft bgs): 115.0 Total Well Depth (ft bgs): 115.0		
Lo	gge	d By: G. Peters		••			'y	1	[			
Depth (feet bgs.)	Sample Interval	Lithologic Description	n	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Borin Const De	g/Well ruction tails
-		20.0-25.0': Silty SAND (70% sand, 20% silt, 10% grav brown, moist, no odor, no staining.	/el), fine sand,	SM		100	NA	1.8	FMW-12-20.0	×		
25 -		<ul> <li>25.0-26.0': Silty SAND (70% sand, 20% silt, 10% grave brown, moist, no odor, no staining.</li> <li>26.0-27.0': Poorly graded SAND (90% sand, 10% grave sand, wet, brown, no odor, no staining.</li> <li>27.0-30.0': Silty SAND (80% sand, 15% silt, 5% grave no odor, no staining.</li> </ul>	vel), fine sand, vel), coarse el), brown, moist,	SM SP SM		100	NA	2.8	FMW-12-25.0	×		
30		30.0-35.0': Poorly graded SAND with silt (80% sand, gravel), brown, moist, no odor, no staining.	10% silt, 10%	SP- SM		100	NA	0.7	FMW-12-30.0	x	E	Bentonite
35		35.0-40.0': Silty SAND (70% sand, 25% silt, 5% grave gray, moist, no odor, no staining.	el), fine sand,	SM		100	NA	0.9	FMW-12-35.0	×		

Well Construction Information										
Monument Type: Flush Mor	unt	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A					
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	153.90 NAVD88					
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A					
Screened Interval (ft bgs):	95.0-115.0	Boring Abandonment:	N/A	Unique Well ID: BMK 267						

		FARALLON	Log of Boring: FMW-12 Page 3 of 6									
Clie Pro Loc	ent: ojec cati	Hines Interests LP t: Main Street Place on: Bellevue, WA	Date/Time Started: Date/Time Completed: Equipment: Drilling Company:			/21 @ /21 @ 7 Sonia	1115 0930 c Rig		Sampler Type: 5' PE Bags Drive Hammer (Ibs.):			NA 100 115.0
Fa Log	rall gge	on PN: 691-023 d By: G. Peters	Drilling Forema Drilling Method	in: I:	Jeffrey John Sonic Rotary				Total Well Depth (ft bgs):			5.0
Depth (feet bgs.)	Sample Interval	Lithologic Description	ו	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Borii Cons De	ng/Well truction etails
45 - - - - - - - - - - - - - - - - - -		<ul> <li>40.0-45.0': Silty SAND (60% sand, 30% silt, 10% grave gray, moist, no odor, no staining.</li> <li>45.0-50.0': Silty SAND (70% sand, 30% silt), fine sand odor, no staining.</li> <li>50.0-51.0': Sandy silt (60% silt, 40% sand), fine sand, no odor, no staining.</li> <li>51.0-55.0': Silty SAND (70% sand, 20% silt, 10% grave brown, moist, no odor, no staining.</li> <li>55.0-60.0': Silty SAND (70% sand, 25% silt, 5% grave no odor, no staining.</li> </ul>	el), fine sand, d, gray, moist, no brown, moist, el), fine sand, l), brown, moist,	SM SM ML SM		100	NA	1.2 0.7 0.8	FMW-12-40.0 FMW-12-45.0 FMW-12-50.0	x x x		Bentonite

Well Construction Information										
Monument Type: Flush Mount	I	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A					
Casing Diameter (inches): 2"	:	Surface Seal:	Cement	Top of Casing Elevation (ft):	153.90 NAVD88					
Screen Slot Size (inches): 0.0	010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A					
Screened Interval (ft bgs): 95.	5.0-115.0 I	Boring Abandonment:	N/A	Unique Well ID: BMK 267						

		FARALLON		Lo	bg	of E	Boriı	ng:	FMW-12	2	Page 4 of 6	
Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023 Logged By: G. Peters			Date/Time Started:8/1Date/Time Completed:8/1Equipment:D1Drilling Company:AEDrilling Foreman:JeDrilling Method:So			/21 @ /21 @ 7 Sonic ey Joh c Rota	1115 0930 c Rig n ry		Sampler Type: 5' PE Bags Drive Hammer (Ibs.): N Depth of Water ATD (ft bgs): 1 Total Boring Depth (ft bgs): 1 Total Well Depth (ft bgs): 115.0			
Depth (feet bgs.)	Sample Interval	Lithologic Descriptior	1	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Wel Constructio Details	ll vn
-		60.0-65.0': Silty SAND (70% sand, 25% silt, 5% grave no odor, no staining.	l), brown, moist,	SM		100	NA	0.0	FMW-12-60.0	×		
65		65.0-70.0': Silty SAND (60% sand, 30% silt, 10% grav gray-brown, moist, no odor, no staining.	el), fine sand,	SM		100	NA	1.2	FMW-12-65.0	×		
70		70.0-75.0': Silty SAND (80% sand, 15% silt, 5% grave brown, moist, no odor, no staining.	I), fine sand,	SM		100	NA	1.8	FMW-12-70.0	×	Bentonite	9
		75.0-79.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, brown, moist, no odor, no staining.	0% silt, 10%	SP- SM		80	NA	0.6	FMW-12-75.0	×		
80 _	$  \rangle$	/y.u-du.u∵ No Recovery.										

Well Construction Information											
Monument Type: Flush Mon	unt	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A						
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	153.90 NAVD88						
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs):	95.0-115.0	Boring Abandonment:	N/A	Unique Well ID: BMK 267							

		FARALLON	Log of Boring: FMW-12 Page 5 of 6									
Clie Pro Loc	ent: ojec cati	Hines Interests LP et: Main Street Place on: Bellevue, WA	Date/Time Started:       8/11/2*         Date/Time Completed:       8/12/2*         Equipment:       D107 \$         Drilling Company:       AEC			8/11/21 @ 1115         Sampler Ty           8/12/21 @ 0930         Drive Hami           D107 Sonic Rig         Depth of W           AEC         Total Boring			Sampler Type: 5 Drive Hammer (II Depth of Water A Total Boring Dep	e: 5' PE Bags er (Ibs.): NA er ATD (ft bgs): 100 Depth (ft bgs): 115.0		
Fa Lo	rall gge	on PN: 691-023 d By: G. Peters	Drilling Forema Drilling Method	n: :	Jeffr Soni	ey Johi c Rotai	n ry	Total Well Depth (ft bgs): 115.0				5.0
Depth (feet bgs.)	Sample Interval	Lithologic Description	1	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bori Cons D	ng/Well struction etails
		80.0-85.0': Silty SAND (70% sand, 20% silt, 10% grav brown, moist, no odor, no staining.	el), fine sand,	SM		100	NA	2.1	FMW-12-80.0	X		
85 -		85.0-86.0': Sandy SILT (70% silt, 30% sand), fine san no odor, no staining. 86.0-90.0': Silty SAND (80% sand, 15% silt, 5% grave brown, moist, no odor, no staining.	d, brown, moist, l), fine sand,	ML SM		100	NA	2.7	FMW-12-85.0	x		
90 -		90.0-95.0': Silty SAND (80% sand, 15% silt, 5% grave brown, moist, no odor, no staining.	l), fine sand,	SM		100	NA	0.8	FMW-12-90.0	×		Sand Pack
95 -		95.0-100.0': Silty SAND with gravel (70% sand, 15% s fine sand, fine and medium gravel, gray, moist, no odo	ilt, 15% gravel), r, no staining.	SM		100	NA	0.2	FMW-12-95.0	×		-

Well Construction Information											
Monument Type: Flush Mou	nt	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A						
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	153.90 NAVD88						
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs):	95.0-115.0	Boring Abandonment:	N/A	Unique Well ID: BMK 267							

		V	FARALLON	Log of Boring: FMW-12 Page 6 of 6									ge 6 of 6
CI Pi La	Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023 Logged By: G. Peters			Date/Time Started:8/11/21 @ 1115Date/Time Completed:8/12/21 @ 0930Equipment:D107 Sonic RigDrilling Company:AECDrilling Foreman:Jeffrey JohnDesiling MethodsCoasia Determine			1115 0930 c Rig n rv	Sampler Type: 5' PE Bags Drive Hammer (Ibs.): NA Depth of Water ATD (ft bgs): 100 Total Boring Depth (ft bgs): 115.0 Total Well Depth (ft bgs): 115.0			NA 100 115.0 5.0		
	Logged By: G. Peters			<b>3</b>									
Depth (feet bgs.) Sample Interval Sample Sample Sam				1	nscs	<b>USCS Graphic</b>	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bori Cons D	ng/Well struction etails
1105			100.0-105.0': Poorly graded SAND with gravel (80% sa 5% silt), fine and medium sand, grayish brown, wet, no staining. 105.0-110.0': Poorly graded SAND (95% sand, 5% silt medium sand, grayish brown, wet, no odor, no staining 110.0-115.0': Poorly graded SAND (95% sand, 5% silt coarse sand, grayish brown, wet, no odor, no staining.	and, 15% gravel, o odor, no ), fine to	SP SP		<ul> <li>№</li> <li>100</li> <li>100</li> <li>100</li> <li>100</li> </ul>	MA NA NA	0.3 0.3 1.1 0.0	FMW-12-100.0 FMW-12-105.0 FMW-12-110.0	x		Water Level
120	_												

Well Construction Information											
Monument Type: Flush Mon	unt	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A						
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	153.90 NAVD88						
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs):	95.0-115.0	Boring Abandonment:	N/A	Unique Well ID: BMK 267							

FARALLON CONSULTING			Log of Boring: FMW-13 Page 1 of 6								
Clie Pro Loc	ent: ojec cati rall	Hines Interests LP et: Main Street Place on: Bellevue, WA	Date/Time Started: Date/Time Completed Equipment: Drilling Company: Drilling Foreman:	8/2/21 @ 1440 : 8/3/21 @ 1400 D107 Sonic Rig AEC Jeffrey John				Sampler Type: 5' PE BagsDrive Hammer (Ibs.):NADepth of Water ATD (ft bgs):95Total Boring Depth (ft bgs):115Total Well Depth (ft bgs):115.0			NA 95 115.0 5.0
Logged By: G. Peters			Drilling Method:	Soni	c Rota	ry		· · · · · · · · · · · · · · · · · · ·			
Depth (feet bgs.)	Sample Interval	Lithologic Descriptior	ר צט ב	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Borii Cons De	ng/Well truction etails
0	-	0.0-5.0: Cleared for utilities using air knife.									Well Monument Cement
5-		5.0-9.0': Silty SAND (60% sand, 35% silt, 5% gravel), sand, brown with orange mottling, moist, no odor, no s 9.0-10.0': No Recovery.	fine to coarse SM taining.		80	NA	0.0	FMW-13-5.0	×		
10 -		10.0-12.0': Sandy SILT (60% silt, 40% sand), fine san no odor, no staining.	d, brown, moist, ML		100	NA	0.0	FMW-13-10.0	x		Bentonite
15 -		12.0-15.0': Silty SAND (70% sand, 25% silt, 5% grave brown, moist, no odor, no staining.	I), fine sand, SM								
		15.0-20.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, brown, moist, no odor, no staining.	0% silt, 10% SP- SM		100	NA	0.0	FMW-13-15.0	x		Well Casing

Well Construction Information										
Monument Type: Flush Mou	unt	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A					
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	153.90 NAVD88					
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A					
Screened Interval (ft bgs):	95.0-115.0	Boring Abandonment:	N/A	Unique Well ID: BMK 264						

		FARALLON		Lo	og -	of E	3oriı	ng:	FMW-13	3	Page	e 2 of 6
Clie Pro Loc Fa	ent: ojec cati rall	Hines Interests LP et: Main Street Place on: Bellevue, WA Ion PN: 691-023	Date/Time Start Date/Time Com Equipment: Drilling Compar Drilling Forema Drilling Method	tarted: 8/2/21 @ 1440 ompleted: 8/3/21 @ 1400 D107 Sonic Rig pany: AEC man: Jeffrey John tod: Sonic Rotary				Sampler Type: 5' PE BagsDrive Hammer (Ibs.):NADepth of Water ATD (ft bgs):95Total Boring Depth (ft bgs):115.0Total Well Depth (ft bgs):115.0			NA 95 115.0 0	
Logged By: G. Peters			ו	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Borin Consti De	g/Well ruction tails
		20.0-24.5': Silty SAND (80% sand, 15% silt, 5% grave medium sand, brown, moist, no odor. 24.5-25.0': No Recovery.	l), fine to	SM		90	NA	0.8	FMW-13-20.0	x		
		20.0-20.0 - Pooling graded SAND (100 % saild), life sa no odor, no staining. 26.0-29.5': Silty SAND (80% sand, 15% silt, 5% grave sand, brown, moist, no odor, no staining.	I), fine to coarse	SM								
30 -		29.5-30.0': No Recovery. 30.0-31.0': Poorly graded SAND with gravel (80% san coarse sand, dark brown, moist, no odor, no staining. 31.0-35.0': Silty SAND (60% sand, 35% silt, 5% grave sand, brown, moist, no odor, no staining.	d, 20% gravel), I), fine to coarse	SP		100	NA	0.3	FMW-13-30.0	×	E	Bentonite
35 -		35.0-37.5': Silty SAND (70% sand, 20% silt, 10% grav coarse sand, brown, moist, no odor, no staining. 37.5-40.0': No Recovery.	rel), fine to	SM		50	NA	0.0	FMW-13-35.0	×		

Well Construction Information											
Monument Type: Flush Mou	Int	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A						
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	153.90 NAVD88						
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs):	95.0-115.0	Boring Abandonment:	N/A	Unique Well ID: BMK 264							

		FARALLON		Lo	og (	of E	Boriı	ng:	FMW-13	3	Page 3 of 6
Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023		Date/Time Started:8/2/21 @ 1440Date/Time Completed:8/3/21 @ 1400Equipment:D107 Sonic RigDrilling Company:AECDrilling Foreman:Jeffrey John					Sampler Type: 5' PE BagsDrive Hammer (lbs.):NADepth of Water ATD (ft bgs):95Total Boring Depth (ft bgs):115.0Total Well Depth (ft bgs):115.0				
Lo	gge	ed By: G. Peters									
Depth (feet bgs.) Sample Interval Tithologic Description			n	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
		40.0-45.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine to coarse sand, gray, moist, no odor, no si	I0% silt, 10% taining.	SP- SM		100	NA	0.0	FMW-13-40.0	x	
45 -		45.0-48.2': Silty SAND (80% sand, 15% silt, 5% grave gray, dry, no odor, no staining. 48.2-50.0': No Recovery.	el), fine sand,	SM		85	NA	0.6	FMW-13-45.0	x	
50		50.0-55.0': Silty SAND (70% sand, 20% silt, 10% grav gray, moist, no odor, no staining.	/el), fine sand,	SM		100	NA	0.8	FMW-13-50.0	x	Bentonite
55 -		55.0-60.0': Silty SAND (70% sand, 20% silt, 10% grav gray, moist, no odor, no staining. Trace cobbles.	/el), fine sand,	SM		95	NA	0.9	FMW-13-55.0	x	

Well Construction Information											
Monument Type: Flush Mo	unt	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A						
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	153.90 NAVD88						
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs):	95.0-115.0	Boring Abandonment:	N/A	Unique Well ID: BMK 264							

		FARALLON		Lo	og (	of E	Boriı	ng:	FMW-13	3	Page 4 of 6
Clie Pro Loc	Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023		Date/Time Start Date/Time Com Equipment: Drilling Compar Drilling Forema	Date/Time Started:8/2/21 @ 1440Sampler Type: 5' PE BagsDate/Time Completed:8/3/21 @ 1400Drive Hammer (lbs.):Equipment:D107 Sonic RigDepth of Water ATD (ft bgs)Drilling Company:AECTotal Boring Depth (ft bgs):Drilling Foreman:Leffrey JohnTotal Well Depth (ft bgs):				Bags NA (ft bgs): 95 ft bgs): 115.0 ogs): 115.0			
Lo	gge	d By: G. Peters	Drilling Method	l:	Soni	c Rota	ry				
Depth (feet bgs.)	Sample Interval	Lithologic Description	ו	NSCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
-		60.0-64.5': Poorly graded SAND with gravel (70% san 5% silt), fine sand, fine and medium gravel, gray, mois staining.	d, 25% gravel, t, no odor, no	SP		100	NA	0.1	FMVV-13-60.0	x	
65 - - - -		64.5-65.0': No Recovery. 65.0-70.0': Silty SAND with gravel (70% sand, 15% si fine to coarse sand, fine to coarse gravel, gray, moist, staining.	lt, 15% gravel), no odor, no	SM		100	NA	0.0	FMW-13-65.0	x	
70		70.0-75.0': Silty SAND with gravel (70% sand, 15% silfine sand, fine and medium gravel, moist, no odor, no s	t, 15% gravel), staining.	SM		100	NA	02	FMW-13-70.0	x	Bentonite
		75.0-80.0': Silty SAND (80% sand, 15% silt, 5% grave medium sand, gray, moist, no odor, no staining.	l), fine to	SM		100	NA	0.1	FMW-13-75.0	x	

Well Construction Information											
Monument Type: Flush Mount	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A							
Casing Diameter (inches): 2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	153.90 NAVD88							
Screen Slot Size (inches): 0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A							
Screened Interval (ft bgs): 95.0-115.0	Boring Abandonment:	N/A	Unique Well ID: BMK 264								

		FARALLON		Lo	og (	of E	3oriı	ıg:	FMW-13	3	Pa	ge 5 of 6
Clie Pro Loc	Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA		Date/Time Started:       8/2/21 @ 1440       Sampler Type: 5' PE Bag         Date/Time Completed:       8/3/21 @ 1400       Drive Hammer (lbs.):         Equipment:       D107 Sonic Rig       Depth of Water ATD (ft b         Drilling Company:       AEC       Total Boring Depth (ft bg				Bags (ft bgs): ft bgs):	NA 95 115.0				
Fa	rall	lon PN: 691-023	Drilling Foreman:Jeffrey JohnTotal Well Depth (ft bgs):Drilling Method:Sonic Rotary						o <b>gs):</b> 11	5.0		
Lithologic Description			1	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bori Cons D	ing/Well struction letails
-		80.0-85.0': Poorly graded SAND (90% sand, 5% silt, 5 to medium sand, gray, moist, no odor, no staining.	% gravel), fine	SM		80	NA	0.0	FMW-13-80.0	x		
85 -		85.0-89.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine to coarse sand, gray, moist, no odor, no st 89.0-90.0': No Recovery.	0% silt, 10% aining.	SP- SM		80	NA	0.0	FMW-13-85.0	x		Bentonite
90		90.0-94.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine to coarse sand, gray, moist, no odor, no st 94.0-95.0': No Recovery.	0% silt, 10% aining.	SP- SM		100	NA	0.0	FMW-13-90.0	×		
95		95.0-100.0': Poorly graded SAND (90% sand, 5% silt, coarse sand, gray, wet, no odor, no staining.	5% gravel),	SP		80	NA	0.0	FMW-13-95.0	×		▼ Water Level

Well Construction Information											
Monument Type: Flush Mour	nt	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A						
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	153.90 NAVD88						
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs):	95.0-115.0	Boring Abandonment:	N/A	Unique Well ID: BMK 264							

		FARALLON		L	bg	of E	Boriı	າg:	FMW-13	}	Pa	ge 6 of 6
Clic Pro	Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA		Date/Time Start Date/Time Com Equipment: Drilling Compar	rted:       8/2/21 @ 1440       Sampler Type: 5' PE Bags         mpleted:       8/3/21 @ 1400       Drive Hammer (Ibs.):       N         D107 Sonic Rig       Depth of Water ATD (ft bgs):       Sample:         any:       AEC       Total Boring Depth (ft bgs):       1					NA 95 115.0			
Fa Lo	rall gge	on PN: 691-023 d By: G. Peters	Drilling Forema Drilling Method	g Foreman:     Jeffrey John     Total Well Depth (ft bgs): 1       g Method:     Sonic Rotary						o <b>gs):</b> 11	5.0	
Depth (feet bgs.)	Sample Interval	Lithologic Descriptior	ו	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bori Cons D	ng/Well struction etails
		100.0-104.0': Poorly graded SAND (90% sand, 5% silt coarse sand, gray, wet, no odor, no staining. 104.0-105.0': No recovery	:, 5% gravel),	SP		100	NA	0.0	FMW-13-100.0	×		
105 -		105.0-110.0': Poorly graded SAND (90% sand, 5% silt coarse sand, gray, wet, no odor, no staining.	t, 5% gravel),	SP		100	NA	0.0	FMW-13-105.0	×		Well Screen
110 -		110.0-115.0': Poorly graded SAND (100% sand), coar wet, no odor, no staining.	se sand, gray,	SP		100	NA	0.0	FMW-13-110.0	x		Sand Pack
115 -	-					100	NA	0.0	FMW-13-115.0	×		

Well Construction Information											
Monument Type: Flush Mount	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A							
Casing Diameter (inches): 2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	153.90 NAVD88							
Screen Slot Size (inches): 0.010	O Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A							
Screened Interval (ft bgs): 95.0-	Boring Abandonment:	N/A	Unique Well ID: BMK 264								

		FARALLON		Lo	og -	of I	Boriı	ng:	FMW-14	1	Pa	ige 1 of 6
Clie Pro Loo	ent: ojec cati	Hines Interests LP t: Main Street Place on: Bellevue, WA	Date/Time Started:8/12/21 @ 1130Sampler Type: 5' PE BagsDate/Time Completed:8/13/21 @ 0900Drive Hammer (lbs.):Equipment:D107 Sonic RigDepth of Water ATD (ft bgDrilling Company:AECTotal Boring Depth (ft bgs				Bags (ft bgs): ft bgs):	NA 100 115.0				
Farallon PN: 691-023 Logged By: G. Peters		Drilling Foreman:     Jeffrey John     Total Well Depth (f       Drilling Method:     Sonic Rotary				(ft b	o <b>gs):</b> 11	5.0				
Lithologic Description			n	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bori Cons D	ing/Well struction etails
0		0.0-5.0: Cleared for utilities using air knife.										Well Monument
5-		5.0-9.0': Silty SAND (60% sand, 40% silt), fine sand, I odor, no staining. 9.0-10.0': No Recovery.	brown, moist, no	SM		80	NA	0.0	FMW-14-5.0	x		Cement
10 -		10.0-15.0': Silty SAND (70% sand, 30% silt), fine sand no odor, no staining.	d, brown, moist,	SM		100	NA	0.0	FMW-14-10.0	×		Bentonite
15 -		15.0-20.0': Silty SAND (80% sand, 20% silt), fine sand no odor, no staining.	d, brown, moist,	SM		80	NA	0.0	FMW-14-15.0	×		Well Casing

Well Construction Information											
Monument Type: Flush Mount		Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A						
Casing Diameter (inches): 2'	11	Surface Seal:	Cement	Top of Casing Elevation (ft):	151.62 NAVD88						
Screen Slot Size (inches): 0.	.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs): 95	5.0-115.0	Boring Abandonment:	N/A	Unique Well ID: BMK 266							

		FARALLON		L	og	of E	3ori	ng:	FMW-14	ŀ	Page 2 of 6
Clie Pro Loo	ent: ojec cati	Hines Interests LP et: Main Street Place on: Bellevue, WA	Date/Time Started:8/12/21 @ 1130Date/Time Completed:8/13/21 @ 0900Equipment:D107 Sonic RigDrilling Company:AEC			Sampler Type: 5' PE BagsDrive Hammer (lbs.):NADepth of Water ATD (ft bgs):100Total Boring Depth (ft bgs):115.0					
Fa	rall	on PN: 691-023	Drilling Forema Drilling Method	an: 1:	Jeffr Sonie	ey Joh c Rota	n ry	Total Well Depth (ft bgs): 115.0			<b>ogs):</b> 115.0
	gge	d By: G. Peters									
Depth (feet bgs.)	Sample Interval	Lithologic Description	n	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
		20.0-25.0': Silty SAND (70% sand, 20% silt, 10% grav brown, moist, no odor, no staining.	/el), fine sand,	SM		100	NA		FMW-14-20.0	x	
25 -		25.0-30.0': Silty SAND (70% sand, 20% silt, 10% grav brown, moist, no odor, no staining.	vel), fine sand,	SM		100	NA		FMW-14-25.0	x	
30 -		30.0-35.0': Silty SAND (80% sand, 15% silt, 5% grave brown, moist, no odor, no staining.	el), fine sand,	SM		100	NA		FMW-14-30.0	x	Bentonite
35 -		35.0-40.0': Silty SAND (80% sand, 15% silt, 5% grave brown, moist, no odor, no staining.	el), fine sand,	SM		100	NA		FMW-14-35.0	x	

Well Construction Information											
Monument Type: Flush Mount	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A							
Casing Diameter (inches): 2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	151.62 NAVD88							
Screen Slot Size (inches): 0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A							
Screened Interval (ft bgs): 95.0-115.0	Boring Abandonment:	N/A	Unique Well ID: BMK 266								

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		FARALLON		L	og (	of I	Boriı	ng:	FMW-14	ŀ	Page 3 of 6
Clic Pro Loc Fa	ent: ojec cati rall	Hines Interests LP t: Main Street Place on: Bellevue, WA Ion PN: 691-023	Hines Interests LPDate/Time Started:8/12/21 @ 1130Main Street PlaceDate/Time Completed:8/13/21 @ 0900Bellevue, WAEquipment:D107 Sonic RigPN: 691-023Drilling Company:AECDrilling MathediSonio Retory				Sampler Type: 5' PE Bags Drive Hammer (Ibs.): NA Depth of Water ATD (ft bgs): 100 Total Boring Depth (ft bgs): 115.0 Total Well Depth (ft bgs): 115.0				
Lo	gge	ed By: G. Peters	Drilling Methoo	1:	Sonio	c Rota	ry				
Depth (feet bgs.)	Sample Interval	Lithologic Description	1	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	(mqq) OIA	Sample ID	Sample Analyzed	Boring/Well Construction Details
		40.0-45.0': Silty SAND (70% sand, 20% silt, 10% grav grayish brown, moist, no odor, no staining.	el), fine sand,	SM		100	NA	0.0	FMW-14-40.0	x	
45 -		45.0-47.0': Silty SAND (70% sand, 20% silt, 10% grav grayish brown, moist, no odor, no staining.	el), fine sand,	SM		100	NA	0.9	FMW-14-45.0	x	
50 -		50.0-52.0': Poorly graded SAND (90% sand, 5% slit, 5 50.0-52.0': Poorly graded SAND (100% sand), fine sa	nd, brown,	SP		80	NA	0.7	FMW-14-50.0	x	Bentonite
		52.0-54.0': Silty SAND (80% sand, 20% silt), fine sand no odor, no staining.	l, brown, moist,	SM							
55 -		54.0-55.0': No Recovery. 55.0-60.0': Poorly graded SAND with silt (90% sand, 1 sand, brown, moist, no odor, no staining.	0% silt), fine	SP- SM		100	NA	1.8	FMW-14-55.0	x	

	Well Construction Information										
Monument Type: Flush Mour	nt	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A						
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	151.62 NAVD88						
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs):	95.0-115.0	Boring Abandonment:	N/A	Unique Well ID: BMK 266							

	FARALLON		Lo	og (	of E	Boriı	ng:	FMW-14	1	Page 4 of 6
Clien Proje Loca	t: Hines Interests LP ect: Main Street Place tion: Bellevue, WA	Date/Time Started:8/12/21 @ 1130Date/Time Completed:8/13/21 @ 0900Equipment:D107 Sonic RigDrilling Company:AEC			1130 0900 Rig	Sampler Type: 5' PE Bags         Drive Hammer (lbs.):       NA         Depth of Water ATD (ft bgs):       100         Total Boring Depth (ft bgs):       115.0				
Fara	llon PN: 691-023	Drilling Foreman: Drilling Method:	Jeffrey John Sonic Rotary				Total Well Depth (ft bgs): 115.0			
Depth (feet bgs.) T Samule Interval	Lithologic Description	1	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
	60.0-65.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, brown, moist, no odor, no staining.	0% silt, 10%	SP- SM		100	NA	0.7	FMW-14-60.0	x	
	65.0-70.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, brown, moist, no odor, no staining.	0% silt, 10%	SP- SM		100	NA	0.8	FMW-14-65.0	×	
	70.0-74.0': Silty SAND (70% sand, 20% silt, 10% grav gray, moist, no odor, no staining. 74.0-75.0': No Recovery.	el), fine sand,	SM		80	NA	0.0	FMW-14-70.0	×	Bentonite
75	75.0-80.0': Silty SAND (80% sand, 20% silt), fine sand no odor, no staining.	1, brown, moist,	SM		100	NA	0.0	FMW-14-75.0	×	

Well Construction Information											
Monument Type: Flush Mo	unt	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A						
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	151.62 NAVD88						
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs):	95.0-115.0	Boring Abandonment:	N/A	Unique Well ID: BMK 266							

		FARALLON	Log of Boring:					FMW-14	-	Pa	ige 5 of 6	
Clic Pro Loc Fa	ent: ojec cati rall gge	Hines Interests LP et: Main Street Place on: Bellevue, WA Ion PN: 691-023 ed By: G. Peters	Date/Time Started:8/12/21 @ 1130Date/Time Completed:8/13/21 @ 0900Equipment:D107 Sonic RigDrilling Company:AECDrilling Foreman:Jeffrey JohnDrilling Method:Sonic Rotary			Sampler Type: 5' PE BagsDrive Hammer (Ibs.):NADepth of Water ATD (ft bgs):100Total Boring Depth (ft bgs):115.0Total Well Depth (ft bgs):115.0			NA : 100 115.0 5.0			
Depth (feet bgs.)	Sample Interval	Lithologic Description	ı	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bori Cons D	ing/Well struction etails
		80.0-85.0': Silty SAND (80% sand, 20% silt), fine sand no odor, no staining.	d, brown, moist,	SM		100	NA	0.0	FMW-14-80.0	X		
		85.0-90.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, gray-brown, moist, no odor, no stair	0% silt, 10% ing.	SP- SM		100	NA	0.4	FMW-14-85.0	x		
90 -		90.0-95.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, gray-brown, moist, no odor, no stair	0% silt, 10% ing.	SP- SM		100	NA	2.4	FMW-14-90.0	x		Sand Pack
100		95.0-100.0': Poorly graded SAND (95% sand, 5% silt) sand, grayish brown, wet, no odor, no staining.	, fine to medium	SP		100	NA	3.6	FMW-14-95.0	x		-

Well Construction Information											
Monument Type: Flush Mou	unt	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A						
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	151.62 NAVD88						
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs):	95.0-115.0	Boring Abandonment:	N/A	Unique Well ID: BMK 266							

		FARALLON		Lo	bg	of E	Borir	ıg:	FMW-14	-	Pa	ge 6 of 6
Clie Pro Loc	nt: jec atio	Hines Interests LP t: Main Street Place on: Bellevue, WA	Date/Time Started:8/12/21 @ 1130Date/Time Completed:8/13/21 @ 0900Equipment:D107 Sonic RigDrilling Company:AEC				Sampler Type: 5' PE BagsDrive Hammer (Ibs.):NADepth of Water ATD (ft bgs):100Total Boring Depth (ft bgs):115.0					
Farallon PN: 691-023 Logged By: G. Peters			Drilling Forema Drilling Method	in: I:	Jeffr Soni	ey Joh c Rota	n ry		Total Well Depth	(ft l	ogs): 11	5.0
Depth (feet bgs.)	Sample Interval	Lithologic Descriptior	1	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bori Cons D	ng/Well truction etails
		100.0-105.0': Poorly graded SAND (95% sand, 5% sill medium sand, gravish brown, wet, no odor, no staining 105.0-110.0': Poorly graded SAND (100% sand), fine brown, wet, no odor, no staining. 110.0-115.0': Poorly graded SAND (100% sand), fine brown, wet, no odor, no staining.	t), fine to	SP SP		100	NA	2.6 0.8 0.7	FMW-14-100.0 FMW-14-105.0 FMW-14-110.0	x x x		Water Level

Well Construction Information											
Monument Type: Flush Mount Filter Pack: 12/20 Sand Ground Surface Elevation (ft): N/A											
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	151.62 NAVD88						
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs):	95.0-115.0	Boring Abandonment:	N/A	Unique Well ID: BMK 266							

		FARALLON	I	Log of Boring: FMW-1					5 Page 1 of 6		
Clie Pro Loc	ent: ojec cati	Hines Interests LP et: Main Street Place on: Bellevue, WA	Date/Time Started:8/16/21 @ 0730Date/Time Completed:8/19/21 @ 1800Equipment:D107 Sonic RigDrilling Company:AFC				Sampler Type: 5' PE Bags Drive Hammer (Ibs.): NA Depth of Water ATD (ft bgs): 104 Total Boring Depth (ft bgs): 115.0			IA 04 15.0	
Farallon PN: 691-023			Drilling Foreman: Drilling Method:	J€ S(	effrey Jo onic Rot	hn ary		Total Well Depth	(ft b	<b>igs):</b> 115.0	)
Depth (feet bgs.)	Sample Interval	Lithologic Description	n SCS E		vscs graphic % Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring Constru Deta	g/Well uction ails
0		0.0-5.0: Cleared for utilities using air knife.								Ce	/ell lonument ement
5-		5.0-10.0': Silty SAND (80% sand, 20% silt), fine sand, no odor, no staining.	, brown, moist, SM		100	NA	0.0	FMW-15-5.0	x		
10 -		10.0-15.0': Poorly graded SAND with silt (90% sand, 1 sand, brown, moist, no odor, no staining.	I0% silt), fine SP SM	- -	100	NA	0.0	FMW-15-10.0	x	B	entonite
15 -		15.0-20.0': Poorly graded SAND (95% sand, 5% silt), brown, moist, no odor, no staining.	fine sand, SP		100	NA	0.0	FMW-15-15.0	x	W	/ell Casing

Well Construction Information												
Monument Type: Flush Mount Filter Pack: 12/20 Sand Ground Surface Elevation (ft): N/												
Casing Diameter (inches): 2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	149.71' NAVD88								
Screen Slot Size (inches): 0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A								
Screened Interval (ft bgs): 95.0-115.0	Boring Abandonment:	N/A	Unique Well ID:									

		FARALLON		Lo	og -	of E	Borir	ıg:	FMW-15	5	Page 2 of 6	
Cli Pro Lo Fa	ent: Hines Interests LP oject: Main Street Place cation: Bellevue, WA arallon PN: 691-023 ogged By: G. Peters		Date/Time Started:8/16/21 @ 0730Date/Time Completed:8/19/21 @ 1800Equipment:D107 Sonic RigDrilling Company:AECDrilling Foreman:Jeffrey JohnDrilling Method:Sonic Rotary				Sampler Type: 5' PE BagsDrive Hammer (Ibs.):NADepth of Water ATD (ft bgs):104Total Boring Depth (ft bgs):115.0Total Well Depth (ft bgs):115.0					
Depth (feet bgs.)	Sample Interval	Lithologic Descriptior	1	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details	
		20.0-24.0': Silty SAND (80% sand, 15% silt, 5% grave brown, moist, no odor. 24.0-25.0': No Recovery.	I), fine sand,	SM		100	NA	2.7	FMW-15-20.0	X		
25 -		25.0-30.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, brown, moist, no odor, no staining.	0% silt, 10%	SP- SM		100	NA	2.8	FMW-15-25.0	×		
30 -		30.0-35.0': Silty SAND with gravel (70% sand, 15% sil fine to coarse sand, fine gravel, brown, moist, no odor.	t, 15% gravel),	SM		100	NA	1.7	FMW-15-30.0	X	Bentonite	
35 -		35.0-39.0': Silty SAND with gravel (70% sand, 15% sil fine to coarse sand, fine gravel, brown, moist, no odor.	t, 15% gravel),	SM		80	NA	1.3	FMW-15-35.0	x		
40		39.0-40.0": No Recovery.										

Well Construction Information											
Monument Type: Flush Mount	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A							
Casing Diameter (inches): 2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	149.71' NAVD88							
Screen Slot Size (inches): 0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A							
Screened Interval (ft bgs): 95.0-115.	Boring Abandonment:	N/A	Unique Well ID:								

		FARALLON		Lo	og -	of l	Boriı	ng:	FMW-15	5	Page 3 of 6
Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA		Date/Time Started: Date/Time Completed: Equipment: Drilling Company:		8/16/21 @ 0730 8/19/21 @ 1800 D107 Sonic Rig AEC				Sampler Type: 5' PE BagsDrive Hammer (lbs.):NADepth of Water ATD (ft bgs):104Total Boring Depth (ft bgs):115.0			
Farallon PN: 691-023		Drilling Foreman:		Jeffrey John Sonic Rotary			Total Well Depth (ft bgs): 115.0				
Logged By: G. Peters			Drining method	<b>.</b>				1	1		
Depth (feet bgs.)	Sample Interval	Lithologic Description	1	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
		40.0-44.5': Silty SAND (70% sand, 20% silt, 10% grav brown, moist, no odor, no staining.	el), fine sand,	SM		80	NA	4.2	FMW-15-40.0	x	
45 -		44.5-45.0': No Recovery. 45.0-49.5': Silty SAND (70% sand, 20% silt, 10% grav brown, moist, no odor, no staining.	el), fine sand,	SM		80	NA	0.3	FMW-15-45.0	x	
50 -		49.5-50.0': No Recovery. 50.0-51.5': Silty SAND (80% sand, 20% silt), fine sand odor, no staining.	d, gray, moist, no	SM		70	NA	0.0	FMW-15-50.0	x	Bentonite
		51.5-53.5': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, brown, moist, no odor, no staining. 53.5-55': No Recovery.	0% silt, 10%	SP- SM							
55 -		55.0-59.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, brown, moist, no odor, no staining.	0% silt, 10%	SP- SM		80	NA	0.8	FMW-15-55.0	x	

Well Construction Information Monument Type: Flush Mount Filter Pack: 12/20 Sand Ground Surface Elevation (ft): N/A Casing Diameter (inches): 2" Cement Top of Casing Elevation (ft): 149.71' NAVD88 Surface Seal: Screen Slot Size (inches): 0.010 Surveyed Location: X: N/A **Y:** N/A Annular Seal: Bentonite Screened Interval (ft bgs): 95.0-115.0 **Boring Abandonment:** N/A Unique Well ID:

59.0-60.0': No Recovery.

60
		FARALLON	L	og	of I	Boriı	ng:	FMW-15	5	Page 4 of 6
Clie Pro Loc Fa	ent: ojec cati rall gge	Hines Interests LP t: Main Street Place on: Bellevue, WA on PN: 691-023 ed By: G. Peters	Date/Time Started:8/16/21 @ 0730Date/Time Completed:8/19/21 @ 1800Equipment:D107 Sonic RigDrilling Company:AECDrilling Foreman:Jeffrey JohnDrilling Method:Sonic Rotary			Sampler Type: 5' Drive Hammer (It Depth of Water A Total Boring Dep Total Well Depth	PE os.): TD th (f	E Bags : NA (ft bgs): 104 (ft bgs): 115.0 bgs): 115.0		
Depth (feet bgs.)	Sample Interval	Lithologic Description	r S S S S	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
65 -		60.0-64.5': Silty SAND (60% sand, 30% silt, 10% grav gray, moist, no odor, no staining. 64.5-65.0': No Recovery. 65.0-69.5': Silty SAND (70% sand, 20% silt, 10% grav gray and brown, moist, no odor, no staining.	rel), fine sand, SM		95	NA	0.0	FMW-15-60.0 FMW-15-65.0	x	
		69.5-70.0': No Recovery. 70.0-74.0': Silty SAND with gravel (70% sand, 15% sil fine to medium sand, fine gravel, brown, moist, no odo	t, 15% gravel), SM r, no staining.		80	NA	1.5	FMW-15-70.0	x	Bentonite
		74.0-75.0': No Recovery. 75.0-80.0': Silty SAND (70% sand, 25% silt, 5% grave gray, moist, no odor, no staining.	I), fine sand, SM		100	NA	3.1	FMW-15-75.0	x	

	Well Construction Information										
Monument Type: Flush Mount Filter Pack: 12/20 Sand Ground Surface Elevation (ft): N/A											
Casing Diameter (inches): 2" Surface Seal: Cement Top of Casing Elevation (ft): 149.71' NAVD8											
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs):	95.0-115.0	Boring Abandonment:	N/A	Unique Well ID:							

	-	FARALLON		Lo	og (	of E	Boriı	ng:	FMW-18	5	Pa	ge 5 of 6
Clie Pro Loc	ent: oject: catio	Hines Interests LP Main Street Place n: Bellevue, WA	Date/Time Started:8/16/21 @ 0730Date/Time Completed:8/19/21 @ 1800Equipment:D107 Sonic RigDrilling Company:AEC			Sampler Type: 5' PE Bags Drive Hammer (Ibs.): NA Depth of Water ATD (ft bgs): 104 Total Boring Depth (ft bgs): 115.0						
Fa	rallo	on PN: 691-023	Drilling Foreman: Drilling Method:			ey Joh c Rota	n ry		Total Well Depth (ft bgs): 115.0			
LO	gged	By: G. Peters										
Depth (feet bgs.)	Sample Interval	Lithologic Description	1	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bori Cons D	ng/Well struction etails
		30.0-85.0': Silty SAND with gravel (70% sand, 15% sil ïne sand, gray brown, moist, no odor, no staining.	t, 15% gravel),	SM		100	NA	0.0	FMW-15-80.0	X		
85 -		35.0-90.0': Poorly graded SAND with gravel (70% san 5% silt), fine sand, fine gravel, brown, moist, no odor, r	d, 25% gravel, no staining.	SP		100	NA	0.1	FMW-15-85.0	×		
90 -		90.0-94.0': Poorly graded SAND with silt (80% sand, 1 gravel), fine sand, gray, moist, no odor, no staining. 94.0-95.0': No Recovery.	0% silt, 10%	SP- SM		80	NA		FMW-15-90.0	X		Sand Pack
95		95.0-100.0': Poorly graded SAND (100% sand), mediu noist no odor, no staining.	ım sand, brown,	SP		100	NA		FMW-15-95.0	x		

		Well Constructi	on Information									
Monument Type: Flush Mo	Monument Type: Flush Mount Filter Pack: 12/20 Sand Ground Surface Elevation (ft): N/A											
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	149.71' NAVD88							
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A							
Screened Interval (ft bgs):	95.0-115.0	Boring Abandonment:	N/A	Unique Well ID:								

		FARALLON		Lo	og (	of I	Boriı	ng:	FMW-18	5	Pa	ige 6 of 6
Clic Pro	ent: ojec cati	Hines Interests LP t: Main Street Place on: Bellevue, WA	Date/Time Started: Date/Time Completed: Equipment: Drilling Company:		8/16/21 @ 0730 : 8/19/21 @ 1800 D107 Sonic Rig AEC				Sampler Type: 5' PE Bags Drive Hammer (Ibs.): NA Depth of Water ATD (ft bgs): 10 Total Boring Depth (ft bgs): 11			
Fa	rall	on PN: 691-023	Drilling Forema Drilling Method	an: 1:	Jeffr Soni	ey Joh c Rota	n ry		Total Well Depth	(ft k	o <b>gs):</b> 11	5.0
Lo	gge	d By: G. Peters					-		1			
Depth (feet bgs.)	Sample Interval	Lithologic Description	ı	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bori Cons D	ing/Well struction Details
105 -		100.0-103.0': Poorly graded SAND (90% sand, 5% sil medium to coarse sand, gray, moist and wet, no odor, 103.0-105.0': No Recovery.	t, 5% gravel), no staining.	SP		60	NA	0.0	FMW-15-100.0	X		<b>≖</b> Water Level
110 -		105.0-110.0': Poorly graded SAND (100% sand), fine brown, wet, no odor, no staining.	sand, grayish	SP		100	NA	0.0	FMW-15-105.0	x		Well Screen
115 -		110.0-115.0': Poorly graded SAND (100% sand), fine brown, wet, no odor, no staining.	sand, grayish	SP		100	NA	0.0	FMW-15-110.0	×		

115 ·

NA

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0.0 FMW-15-115.0 X

	Well Construction Information											
Monument Type:         Flush Mount         Filter Pack:         12/20 Sand         Ground Surface Elevation (ft):         N/A												
Casing Diameter (inches):       2"       Surface Seal:       Cement       Top of Casing Elevation (ft):       149.71' NAVD88												
Screen Slot Size (inches): 0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A								
Screened Interval (ft bgs): 95.0-115.0	Boring Abandonment:	N/A	Unique Well ID:									

		FARALLON		L	og	of E	Boriı	ng:	FMW-16	6	Pi	age 1 of 8
Clia Pro Loc Fa	ent: ojec cati rall	Hines Interests LP et: Main Street Place on: Bellevue, WA on <b>PN:</b> 691-023	Date/Time Started:8/20/21 @ 0930Date/Time Completed:8/24/21 @ 1400Equipment:D107 Sonic RigDrilling Company:AECDrilling Foreman:Jeffrey JohnDrilling Method:Sonic Retury						Sampler Type: 5' PE BagsDrive Hammer (Ibs.):NADepth of Water ATD (ft bgs):118.0Total Boring Depth (ft bgs):160.0Total Well Depth (ft bgs):160.0			
Lo	gge	d By: G. Peters	Drilling Methoo	1: 	Sonic Rotary							
Depth (feet bgs.)	Sample Interval	Lithologic Description	n	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bor Con I	ing/Well struction Details
0		0.0-0.5': Cleared for utilities using airknife to 5.0' bgs.										Well Monument Cement
- 5 - - - -		5.0-10.0': Poorly graded SAND with silt (90% sand, 10 sand, brown, moist, no odor, no staining.	0% silt), fine	SP- SM		100	NA	0.0	FMW-16-5.0	x		
10 -		10.0-15.0': Silty SAND (80% sand, 20% silt), fine san no odor, no staining.	d, brown, moist,	SM		100	NA	0.0	FMW-16-10.0	x		Bentonite
15 -		15.0-20.0': Silty SAND (80% sand, 20% silt), fine san no odor, no staining.	d, brown, moist,	SM		100	NA	0.0	FMW-16-15.0	x		Well Casing

		Well Construction	on Information		
Monument Type: Flush Moun	t	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A
Casing Diameter (inches): 2	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	149.55' NAVD88
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A
Screened Interval (ft bgs):	150.0-160.0	Boring Abandonment:	N/A	Unique Well ID:	

iii

20

		FARALLON		Lo	og -	of E	Boriı	ng:	FMW-16	5	Page 2 of 8
Clie Pro Loc Fa	ent: ojec cati rall gge	Hines Interests LP et: Main Street Place on: Bellevue, WA on PN: 691-023 ed By: G. Peters	Date/Time Start Date/Time Com Equipment: Drilling Compa Drilling Forema Drilling Method	ted: ppleted: ny: in: l:	8/20/ 8/24/ D107 AEC Jeffr Soni	/21 @ /21 @ 7 Sonic ey Joh c Rota	0930 1400 c Rig n ry		Sampler Type: 5 Drive Hammer (II Depth of Water A Total Boring Dep Total Well Depth	PE (TD (TD (ft b	Bags NA (ft bgs): 118.0 ft bgs): 160.0 ogs): 160.0
Depth (feet bgs.)	Sample Interval	Lithologic Descriptior	1	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
		20.0-25.0': Silty SAND (80% sand, 20% silt), fine sand no odor, no staining.	ł, brown, moist,	SM		100	NA	0.0	FMW-16-20.0	x	
		25.0-30.0': Silty SAND (80% sand, 20% silt), fine sand no odor, no staining.	I, brown, moist,	SM		100	NA	0.8	FMW-16-25.0	×	
		30.0-35.0': Silty SAND (70% sand, 25% silt, 5% grave brown, moist, no odor, no staining.	I), fine sand,	SM		100	NA	0.8	FMW-16-30.0	×	Bentonite
40		35.0-37.0': Poorly graded SAND ( 90% sand, 5% silt, s and medium sand, moist, no odor, no staining. 37.0-40.0': Silty SAND (70% sand, 25% silt, 5% grave brown, moist, no odor, no staining.	5% gravel), fine	SP		100	NA	0.6	FMW-16-35.0	×	

	Well Construction Information										
Monument Type: Flush Mount		Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A						
Casing Diameter (inches): 2"		Surface Seal:	Cement	Top of Casing Elevation (ft):	149.55' NAVD88						
Screen Slot Size (inches): 0.0	.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs): 15	50.0-160.0	Boring Abandonment:	N/A	Unique Well ID:							

	FARALLON		Log	of I	3orir	ıg:	FMW-16	6	Page 3 of 8		
Clie Pro <u></u> Loc	nt: Hines Interests LP ject: Main Street Place ation: Bellevue, WA	Date/Time Started: Date/Time Completed: Equipment: Drilling Company: /		0/21 @ 4/21 @ 07 Soni	0930 1400 c Rig		Sampler Type: 5' PE Bags Drive Hammer (Ibs.): NA Depth of Water ATD (ft bgs): 118.0 Total Boring Depth (ft bgs): 160.0				
Far	allon PN: 691-023	Drilling Foreman:	Jef	- frey Joh	in		ogs): 160.0				
Log	ged By: G. Peters	Drilling Method:	Soi	nic Rota	ry						
Depth (feet bgs.)	Lithologic Description	1	USCS USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details		
-	40.0-44.5': Silty SAND (70% sand, 25% silt, 5% grave brown, moist, no odor, no staining.	I), fine sand, S	δM	94	NA	0.0	FMW-16-40.0	X			
45	44.5-50.0': No Recovery. 45.0-49.5': Silty SAND (60% sand, 40% silt), fine sand odor, no staining.	d, gray, moist, no	SM	94	NA	0.8	FMW-16-45.0	x			
50	49.5-50.0': No Recovery. 50.0-53.5': Silty SAND (60% sand, 40% silt), fine sand odor, no staining.	d, gray, moist, no	SM	70	NA	1.1	FMW-16-50.0	x	Bentonite		
- 55	53.5-55.0': No Recovery 55.0-60.0': Silty SAND (60% sand, 30% silt, 10% grav coarse sand, brown and gray, moist, no odor, no staini	el), fine to S	5M	100	NA	0.0	FMW-16-55.0	x			

Well Construction Information										
Monument Type: Flush Mou	nt	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A					
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	149.55' NAVD88					
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A					
Screened Interval (ft bgs):	150.0-160.0	Boring Abandonment:	N/A	Unique Well ID:						

FARALLON CONSULTING		Lo	bg	of E	Borir	ng:	FMW-16	6	Page 4 of 8
Client: Hines Interests LP Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023	Date/Time Started Date/Time Comple Equipment: Drilling Company Drilling Foreman: Drilling Method:	l: eted: :	8/20, 8/24, D10 <sup>°</sup> AEC Jeffr Soni	/21 @ /21 @ 7 Sonic : ey Joh c Rota	0930 1400 c Rig n ry		Sampler Type: 5 Drive Hammer (I Depth of Water / Total Boring Dep Total Well Depth	5' PE  bs.): ATD pth ( n (ft l	Bags : NA (ft bgs): 118.0 ft bgs): 160.0 bgs): 160.0
Lithologic Description	1	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details

	60.0-65.0': No recovery		0	NA	NA	Not Collected		
65	65.0-70.0': No recovery		 0	NA	NA	Not Collected		
70			5					
	70.0-75.0': Poorly graded SAND with silt (80% sand, 10% silt, 10% gravel), fine sand, brown, moist, no odor, no staining.	SP- SM	100	NA	0.0	FMW-16-70.0	X	Bentonite
75 - - - - - - - - - - - - - - - - - - -	75.0-80.0': Silty SAND (70% sand, 15% silt, 15% gravel), fine sand, fine to medium gravel, brown, moist, no odor, no staining.	SM	100	NA	0.0	FMW-16-75.0	x	

Well Construction Information									
Monument Type: Flush Moun	nt	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A				
Casing Diameter (inches):	2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	149.55' NAVD88				
Screen Slot Size (inches):	0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A				
Screened Interval (ft bgs):	150.0-160.0	Boring Abandonment:	N/A	Unique Well ID:					

		FARALLON		L	og -	of I	Boriı	ng:	FMW-16	)	Page 5 of 8
Clie Pro Loc	ent: ojec cati	Hines Interests LP t: Main Street Place on: Bellevue, WA	Date/Time Star Date/Time Con Equipment: Drilling Compa Drilling Eorema	ted: npleted: iny:	8/20/ 8/24/ D107 AEC	/21 @ /21 @ 7 Sonic	0930 1400 c Rig		Sampler Type: 5' PE Bags Drive Hammer (Ibs.): NA Depth of Water ATD (ft bgs): 118.0 Total Boring Depth (ft bgs): 160.0		
Lo	gge	ed By: G. Peters	Drilling Method	d:	Soni	c Rota	ry			(	g-)
Depth (feet bgs.)	Sample Interval	Lithologic Description	1	uscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Boring/Well Construction Details	
		80.0-85.0': Silty SAND (80% sand, 15% silt, 5% grave brown, moist, no odor, no staining.	I), fine sand,	SM	$ \begin{array}{c} c = c + c + c + c + c + c + c + c + c +$	100	NA	0.0	FMW-16-80.0	x	
85 -		85.0-90.0': Silty SAND (80% sand, 15% silt, 5% grave brown, moist, no odor, no staining.	I), fine sand,	SM		100	NA	0.2	FMW-16-85.0	×	
90 -		90.0-94.0': Poorly graded SAND (90% sand, 5% silt, 5 sand, brown, moist, no odor, no staining. 94.0-95.0': No Recovery.	5% gravel), fine	SP		80	NA	0.3	FMW-16-90.0	x	Bentonite
95 -		95.0-99.0': Poorly graded SAND (90% sand, 5% silt, 5 sand, brown, moist, no odor, no staining.	5% gravel), fine	SP		80	NA	0.7	FMW-16-95.0	x	

Well Construction Information Monument Type: Flush Mount Filter Pack: 12/20 Sand Ground Surface Elevation (ft): N/A Casing Diameter (inches): 2" Cement Top of Casing Elevation (ft): 149.55' NAVD88 Surface Seal: Screen Slot Size (inches): 0.010 Surveyed Location: X: N/A Annular Seal: Bentonite **Y:** N/A Screened Interval (ft bgs): 150.0-160.0 **Boring Abandonment:** N/A Unique Well ID:

99.0-100.0': No Recovery.

		FARALLON		Lo	og (	of E	Boriı	ng:	FMW-16	5	Page 6	of 8
Clie Pro	ent: oject catic	Hines Interests LP Main Street Place En: Bellevue, WA	Date/Time Star Date/Time Com Equipment: Drilling Compa	ted: ipleted: ny:	8/20/ 8/24/ D107 AEC	/21 @ /21 @ 7 Sonia	21 @ 0930       Sampler Type: 5' PE Bags         21 @ 1400       Drive Hammer (lbs.):       NA         Sonic Rig       Depth of Water ATD (ft bgs):       118.0         Total Boring Depth (ft bgs):       160.0					
Fa	ralle	on PN: 691-023	Drilling Foreman: Jeffrey John Total Well Depth (ft bgs): 160.0									
Lo	gge	d By: G. Peters	g				.,			ТТ		
Depth (feet bgs.)	Sample Interval	Lithologic Description	n	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/\ Construc Detai	Well ction Is
		100.0-104.0': Poorly graded SAND (100% sand), med brown, wet, no odor, no staining. 104.0-105.0': No Recovery.	lium sand,	SP		80	NA	0.0	FMW-16-100	×		
105 -		105.0-110.0': Poorly graded SAND (100% sand), coal wet, no odor, no staining.	rse sand, brown,	SP		100	NA	0.3	FMW-16-105.0	x		
110 -		110.0-115.0': Poorly graded SAND (100% sand), coar wet, no odor, no staining.	'se sand, brown,	SP		100	NA	0.0	FMW-16-110.0	×	Beni	onite
115 -		115.0-120.0': Well graded SAND (95% sand, 5% silt) sand, grayish brown, wet, no odor, no staining.	fine to coarse	SW		100	NA	0.0	FMW-16-115.0	×	₩ Wat	er Level

Well Construction Information											
Monument Type: Flush Mount	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A							
Casing Diameter (inches): 2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	149.55' NAVD88							
Screen Slot Size (inches): 0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A							
Screened Interval (ft bgs): 150.0-160.0	Boring Abandonment:	N/A	Unique Well ID:								

		FARALLON	Log of Boring: FMW-16						Page 7 of 8		
Clie Pro Loc Fa	ent: ojec cati rall	Hines Interests LP t: Main Street Place on: Bellevue, WA Ion PN: 691-023	Date/Time Starter Date/Time Comp Equipment: Drilling Company Drilling Foreman Drilling Method:	d: leted: y: :	8/20/ 8/24/ D107 AEC Jeffre Sonie	21 @ 2 21 @ 7 Sonic ey John c Rotar	0930 1400 c Rig n		Bags NA (ft bgs): 118.0 (ft bgs): 160.0 (ht bgs): 160.0		
Depth (feet bgs.)	Sample Interval	Lithologic Description		USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
- - 125 -		120.0-125.0': Well graded SAND (95% sand, 5% silt), sand, grayish brown, wet, no odor, no staining.	fine to coarse	SP		100	NA	0.3	FMW-16-120.0	X	
-		125.0-126.5": Well graded SAND (95% sand, 5% silt), sand, grayish brown, wet, no odor, no staining. 126.5-130.0": Sandy SILT (70% silt, 30% sand), very fi moist, no odor, no staining.	ne sand, gray,	ML		100	NA	0.0	FMVV-16-125.0	×	
		130.0-135.0': Poorly graded SAND with silt (90% sand sand, gray, wet, no odor, no staining.	, 10% silt), fine	SP- SM		100	NA	0.0	FMW-16-130.0	x	Bentonite
135 - - - - - - -		135.0-140.0': Poorly graded SAND (95% sand, 5% silt gray, wet, no odor, no staining.	), fine sand,	SP		100	NA	0.0	FMW-16-135.0	×	

Well Construction Information											
Monument Type: Flush Mount	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A							
Casing Diameter (inches): 2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	149.55' NAVD88							
Screen Slot Size (inches): 0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A							
Screened Interval (ft bgs): 150.0	-160.0 Boring Abandonment:	N/A	Unique Well ID:								

		FARALLON		L	og	of I	3oriı	ng:	FMW-16	6	Pa	ige 8 of 8
Clic Pro Loc Fa	ent: ojec cati rall	Hines Interests LP et: Main Street Place on: Bellevue, WA on <b>PN:</b> 691-023	Date/Time Start Date/Time Com Equipment: Drilling Compa Drilling Forema Drilling Method	ted: ipleted: ny: in: i:	8/20. 8/24. D10 <sup>-</sup> AEC Jeffr Soni	/21 @ /21 @ 7 Soni ey Joh c Rota	0930 1400 c Rig n ry	Sampler Type: 5' PE BagsDrive Hammer (Ibs.):NADepth of Water ATD (ft bgs):118.0Total Boring Depth (ft bgs):160.0Total Well Depth (ft bgs):160.0				NA : 118.0 160.0 :0.0
Depth (feet bgs.)	Sample Interval	d By: G. Peters Lithologic Description	n	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Bori Cons D	ing/Well struction Details	
145 -		140.0-145.0': Poorly graded SAND (100% sand), fine sand, gray, wet, no odor, no staining. 145.0-150.0': Poorly graded SAND (100% sand), fine	and medium	SP		100	NA	0.0	FMW-16-140.0	×		
150 -		sand, gray, wet, no odor, no staining.						0.0				Sand Pack
		150.0-154.0': Well graded SAND (100% sand), fine to gray, wet, no odor, no staining.	o coarse sand,	SW		100	NA	0.0	FMW-16-150.0	×		

-	$   \setminus$	154.0-155.0': No Recovery.							
		155.0-160.0': Well graded SAND (100% sand), fine to coarse sand, gray, wet, no odor, no staining.	SW	100	NA	0.0	FMW-16-155.0	×	Well Screen

Well Construction Information										
Monument Type: Flush Mount	Filter Pack:	12/20 Sand	Ground Surface Elevation (ft):	N/A						
Casing Diameter (inches): 2"	Surface Seal:	Cement	Top of Casing Elevation (ft):	149.55' NAVD88						
Screen Slot Size (inches): 0.010	Annular Seal:	Bentonite	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs): 150.0-1	60.0 Boring Abandonment:	N/A	Unique Well ID:							

		FARALLON	Log of Boring: HC-1 Page 1 of 3									
Clie Pro Loc	ent: ojec cati	Hines Interests Limited Partnership t: Main Street Place on: Bellevue, WA	Date/Time Start Date/Time Com Equipment: Drilling Compar	ted: pleted: ny:	10/3 <sup>4</sup> 10/3 <sup>4</sup> Mobi Holt	1/2019 1/2019 le B-5	9 @ 1135 9 @ 1530 8		Sampler Type: 1 Drive Hammer (I Depth of Water A Total Boring Dep	8" Si bs.): ATD ( oth (f	⊃⊤ (ft bgs): t bgs):	140 ~46.5 80.5
Fa Lo	rall gge	ed By: K. Scott	Drilling Forema Drilling Method	in:  :	Holla	w-Ste	schield m			u 11) 1	igs): 14/A	
Depth (feet bgs.)	Sample Interval	Lithologic Description	1	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Borin Consi De	ng/Well truction etails
0		0.0-0.4': ASPHALT. Air knife to 5.0' bgs to clear for ut 0.0-1.5': Silty SAND with gravel Fill (65% sand, 25% s fine to medium sand, fine and coarse gravel, light brow odor, no sheen. Subangular to subrounded gray grave 1.5-5.0': Silty SAND Fill (80% sand, 15% sand, 5% gr medium sand, fine gravel, light brown, moist, no odor, Subrownded grave gravel	lities. ilt, 15% gravel), /n, moist, no avel), fine to no sheen.	AC SM SM		100		0.0				Concrete
5-		5.0-6.5': Silty SAND (75% sand, 20% silt, 5% gravel), sand, fine gravel, light brown, very dense, moist, no od Subrounded gray gravel.	fine to medium or, no sheen.	SM		100	17/49/ 50	0.0	HC1-5.0	x		
10 -		10.0-11.0': Silty SAND (75% sand, 20% silt, 5% grave medium sand, fine gravel, light brown, very dense, mo sheen. Subrounded gray gravel.	I), fine to st, no odor, no	SM	HHH	66	28/50- 3	0.0	HC1-10.0	x		
15 -		15.0-15.3': Silty SAND (75% sand, 20% silt, 5% grave medium sand, fine gravel, brown, very dense, moist, n sheen.	I), fine to o odor, no	SM		20	24/50- 3	0.0				Bentonite
20 -		20.0-21.0': Silty SAND (75% sand, 20% silt, 5% grave medium sand, fine gravel, brown, very dense, moist to sheen. Perched water at 20.5' bgs.	l), fine to wet, no odor, no	SM		66	29/50- 3	0.0	HC1-20.0	x		
25 -		<ul> <li>25.0-25.3': Silty SAND (75% sand, 20% silt, 5% grave medium sand, fine gravel, brown, very dense, moist, n sheen.</li> <li>25.3-25.5': Well-graded SAND (90% sand, 5% silt, 5% coarse sand, fine gravel, blackish-brown, very dense, n no sheen.</li> </ul>	l), fine to o odor, no 6 gravel), fine to moist, no odor,	SM SW	4414	33	50-5	0.0	HC1-25.0	x		

	Well Construction Information										
Monument Type: N/A	Monument Type:         N/A         Ground Surface Elevation (ft):         ~155 NAVD88										
Casing Diameter (inches):	N/A	Surface Seal:	Concrete	Top of Casing Elevation (ft):	N/A						
Screen Slot Size (inches):	N/A	Annular Seal:	N/A	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs):	N/A	Boring Abandonment:	Bentonite	Unique Well ID: N/A							

		FARALLON		Lo	og (	of I	Borir	ıg:	HC-1		Page 2 of 3
Clie Pro Loc Fai	ent: jec ational rall	Hines Interests Limited Partnership t: Main Street Place on: Bellevue, WA on PN: 691-023 d By: K. Scott	Date/Time Started: Date/Time Completed: Equipment: Drilling Company: Drilling Foreman: Drilling Method:		10/3 <sup>4</sup> 10/3 <sup>4</sup> Mobi Holt Todd Hollo	1/2019 1/2019 le B-5 I Knips w-Ste	9 @ 1135 9 @ 1530 8 schield m		Sampler Type: 1 Drive Hammer (I Depth of Water / Total Boring De Total Well Depth	8" S bs.): ATD pth (1	PT 140 (ft bgs): ~46.5 ft bgs): 80.5 bgs): N/A
Depth (feet bgs.)	Sample Interval	Lithologic Description	1	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
-	$\times$	30.0-30.5': Silty SAND (70% sand, 25% silt, 5% grave medium sand, fine gravel, brown, very dense, moist, n sheen. Subrounded gray gravel.	el), fine to o odor, no	SM		30	50-5	0.0	HC1-30.0	X	
- 35 - - - -	$\times$	35.0-35.4': Sandy SILT (60% silt, 40% sand), fine san hard, moist, no odor, no sheen.	d, light brown,	ML		25	50-4	0.0	HC1-35.0	x	
40	$\times$	40-40.5': Sandy SILT (60% silt, 40% sand), fine sand, hard, wet, no odor, no sheen.	light brown,	ML		30	50-5	0.0	HC1-40.0	x	
- 45 - - -											Bentonite <del>▼</del> Water Level
50		50.0-50.5': SILT with sand (80% silt, 20% sand), fine hard, wet, no odor, no sheen.	sand, brown,	ML		30	50-5	0.0	HC1-50.0	x	
55 - - - - - - - - - - -											

	Well Construction Information											
Monument Type: N/A Filter Pack: N/A Ground Surface Elevation (ft): ~155 NAVD88												
Casing Diameter (inches):	N/A	Surface Seal:	Concrete	Top of Casing Elevation (ft):	N/A							
Screen Slot Size (inches):	N/A	Annular Seal:	N/A	Surveyed Location: X: N/A	<b>Y:</b> N/A							
Screened Interval (ft bgs):	N/A	Boring Abandonment:	Bentonite	Unique Well ID: N/A								

		FARALLON		Lo	og	of	Borir	ıg:	HC-1		Page 3 of 3
Clie Pro Loc	Client: Hines Interests Limited Partnership Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023		Date/Time Started: Date/Time Completed: Equipment: Drilling Company:			1/2019 1/2019 ile B-5	9 @ 1135 9 @ 1530 8	1	Sampler Type: 1 Drive Hammer (II Depth of Water A Total Boring Dep	PT 140 (ft bgs): ~46.5 ft bgs): 80.5	
Fa	rall age	on PN: 691-023 ed Bv: K Scott	Drilling Forema Drilling Method	in: Toda Knipschiela I: Hollow-Stem				Total Well Depth	(ft t	ogs): N/A	
Depth (feet bgs.)	Sample Interval	Lithologic Description	I	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
	r	1							-		

-		60.0-60.5': SILI with sand (80% silt, 15% sand, 5% gravel), fine sand, fine gravel, brown, hard, wet, no odor, no sheen. Subrounded gray gravel.		30	50-5	0.0	HC1-60.0	X	
- 65 - -	-								
- 70	(du)))))))	∖ 70.0-70.3': SILT (100% silt), brown, hard, wet, no odor, no sheen.	ML	 20	50-3	0.0	HC1-70.0	x	
- - 75 -	-								Bentonite
- - - 80		80.0-80.5': SILT (100% silt), dark gray, hard, wet, no odor, no sheen.	ML	30	50-5	0.0	HC1-80.0	x	
	-								
-	-								

		Well Construction	on Information		
Monument Type: N/A		Filter Pack:	N/A	Ground Surface Elevation (ft):	~155 NAVD88
Casing Diameter (inches):	N/A	Surface Seal:	Concrete	Top of Casing Elevation (ft):	N/A
Screen Slot Size (inches):	N/A	Annular Seal:	N/A	Surveyed Location: X: N/A	<b>Y:</b> N/A
Screened Interval (ft bgs):	N/A	Boring Abandonment:	Bentonite	Unique Well ID: N/A	

		FARALLON		Lo	og (	of	Borir	ng:	HC-2		Page 1 of 3
Clie Pro	ent: ojec cati	Hines Interests Limited Partnership t: Main Street Place on: Bellevue, WA	Date/Time Star Date/Time Com Equipment: Drilling Compa	rted: 11/01/2019 @ 08 npleted: 11/01/2019 @ 12 Mobile B-58 any: Holt					Sampler Type: 1 Drive Hammer (I Depth of Water <i>I</i> Total Boring Dep	8" Si bs.): ATD ( oth (f	PT 140 <b>ft bgs):</b> NE <b>t bgs):</b> 80.3
Fa	rall	lon PN: 691-023	Drilling Forema	an:	Todd Knipschield				Total Well Depth	<b>gs):</b> N/A	
Lo	gge	ed By: K. Scott	Drining Method	<b>.</b>			1				
Depth (feet bgs.)	Sample Interval	Lithologic Descriptio	n	USCS	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details
0	1	0.0-0.4": ASPHALT. Air knife to 5.0' bas to clear for ut	ilities.	AC	*****						Concrete
5-		0.4-5.0': Silty SAND with gravel Fill (65% sand, 25% s fine to medium sand, fine and coarse gravel, brown, m sheen. 5.0-6.5': SILT with sand (70% silt, 25% sand, 5% grav tan, very dense, moist, no odor, no sheen. Subangular gray gravel.	ilt, 15% gravel), ioist, no odor, no /el), fine sand, / to subrounded	SM ML		100	15/45/ 36	0.0	HC2-5.0	x	
10 -		10.0-11.2': Sandy SILT (60% silt, 35% sand, 5% grav sand, fine and coarse gravel, light brown, hard, moist, sheen. Subangular black gravel.	el), fine to coarse no odor, no j	ML		66	9/42/50 -3	0.0	HC2-10.0	x	
15 -	-	15.0-15.5': Sandy SILT with gravel (50% silt, 30% san fine to coarse sand, fine and coarse gravel, light brown odor, no sheen. Subrounded black and gray gravel.	id, 20% gravel) n, hard, moist, no j	ML		33	30/50- 0	0.0	HC2-15.0	x	Bentonite
20 -		20.0-20.5': Sandy SILT with gravel (50% silt, 30% san fine to coarse sand, fine and coarse gravel, light brown wet, no odor, no sheen.	id, 20% gravel) n, hard, moist to	ML		33	50-6	0.0	HC2-20.0	x	
25 -		25.0-25.5': Sandy SILT with gravel (50% silt, 30% san fine to coarse sand, fine and coarse gravel, gray, hard no sheen. Subrounded black and gray gravel.	id, 20% gravel) , moist, no odor,	ML		33	50-6	0.0	HC2-25.0	x	

Well Construction Information												
Monument Type: N/A		Filter Pack:	N/A	Ground Surface Elevation (ft):	~156 NAVD88							
Casing Diameter (inches):	N/A	Surface Seal:	Concrete	Top of Casing Elevation (ft):	N/A							
Screen Slot Size (inches):	N/A	Annular Seal:	N/A	Surveyed Location: X: N/A	<b>Y:</b> N/A							
Screened Interval (ft bgs):	N/A	Boring Abandonment:	Bentonite	Unique Well ID: N/A								

		FARALLON		Lo	og (	of I	Borir	ıg:	HC-2		Pá	age 2 of 3
Clia Pro	ent: ojec cati	Hines Interests Limited Partnership t: Main Street Place on: Bellevue, WA	Date/Time Start Date/Time Com Equipment: Drilling Compa	ted: ipleted: ny:	11/0 <sup>4</sup> 11/0 <sup>4</sup> Mobi Holt	1/2019 1/2019 le B-5	9 @ 0855 9 @ 1255 8	;	Sampler Type: 1 Drive Hammer (I Depth of Water / Total Boring Dep	8" S bs.): ATD pth (	PT : (ft bgs) ft bgs):	140 : NE 80.3
Fa	rall	on PN: 691-023	Drilling Forema Drilling Method	an: I:	Todo Hollo	l Knips w-Ste	schield m		Total Well Depth	n (ft l	bgs): N	/A
Depth (feet bgs.)	Sample Interval	d By: K. Scott	ו	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Bor Con	ing/Well struction Details
		30.0-30.3': Sandy SILT (60% silt, 30% sand, 10% gra medium sand, fine and coarse gravel, gray, hard, mois sheen. Subrounded black and gray gravel.	vel), fine to st, no odor, no	ML		20	50-3	0.0	HC2-30.0	X		
35 -	-	35.0-35.1': Sandy SILT (60% silt, 30% sand, 10% gra medium sand, fine and coarse gravel, gray, moist, no Subrounded black and gray gravel. 35.1-35.4': No recovery. Subrounded green rock ~1.75 sampler.	vel), fine to odor, no sheen. 5" stuck in			30	50-5	0.0				
40 -		40-40.5': SILT with sand (70% silt, 20% sand, 10% gr coarse sand, fine and coarse gravel, gray, hard, moist sheen. Subrounded black, green, and gray gravel.	avel), fine to , no odor, no	ML		30	50-5	0.0	HC2-40.0	x		
45 -	-											Bentonite
50 -		50.0-50.8': SILT with sand (80% silt, 15% sand, 5% g medium sand, fine and coarse gravel, gray, hard, mois sheen. Subrounded gray gravel.	ravel), fine to st, no odor, no	ML		25	27/50- 4	0.0	HC2-50.0	x		
55 -	-											

		Well Construction	on Information								
Monument Type: N/A	Monument Type: N/A Filter Pack: N/A Ground Surface Elevation (ft): ~156 NAVD88										
Casing Diameter (inches):	N/A	Surface Seal:	Concrete	Top of Casing Elevation (ft):	N/A						
Screen Slot Size (inches):	N/A	Annular Seal:	N/A	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs):	N/A	Boring Abandonment:	Bentonite	Unique Well ID: N/A							

		FARALLON		L	bg	of	Borir	ıg:	HC-2		Page 3 of 3
Client:Hines Interests Limited PartnershipProject:Main Street PlaceLocation:Bellevue, WAFarallon PN: 691-023			Date/Time Started: Date/Time Completed: Equipment: Drilling Company: Drilling Foreman:			11/01/2019 @ 0855 11/01/2019 @ 1255 Mobile B-58 Holt Todd Knipschield			Sampler Type: 18 Drive Hammer (Ik Depth of Water A Total Boring Dep Total Well Depth	PT (ft bgs): NE ft bgs): 80.3 ogs): N/A	
Lo	gge	ed By: K. Scott	Drilling Method	:	Hollo	ow-Ste	m				
Depth (feet bgs.) Sample Interval Sample Sample Interval			1	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details

Γ

- - - - - - -		60.0-60.5': SILT (90% silt, 5% sand, 5% gravel), fine sand, fine and coarse gravel, gray, hard, moist, no odor, no sheen. Subrounded black and gray gravel.	ML	30	50-5	0.0	HC2-60.0	X	
- 70 - - -		70.0-70.6': SILT (90% silt, 5% sand, 5% gravel), fine to coarse sand, fine and coarse gravel, gray, hard, moist, no odor, no sheen. Subrounded black and gray gravel.	ML	33	50-6	0.0	HC2-70.0	x	
- 75 - - -	-								Bentonite
- 80 - 80 -		80.0-80.3': Silty SAND with gravel (60% sand, 25% silt, 15% gravel), fine to coarse sand, fine and coarse gravel, brown, moist, no odor,no sheen. Subrounded gravel.	SM	20	50-3	0.0	HC2-80.0		
85	-								

	Well Construction Information										
Monument Type: N/A		Filter Pack:	N/A	Ground Surface Elevation (ft):	~156 NAVD88						
Casing Diameter (inches):	N/A	Surface Seal:	Concrete	Top of Casing Elevation (ft):	N/A						
Screen Slot Size (inches):	N/A	Annular Seal:	N/A	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs):	N/A	Boring Abandonment:	Bentonite	Unique Well ID: N/A							

		FARALLON		Log of Boring: HC-3							
Clic Pro	ent: ojec cati	Hines Interests Limited Partnership t: Main Street Place on: Bellevue, WA	Date/Time Start Date/Time Com Equipment: Drilling Compar	ted: pleted: ny:	11/4/2019 @ 0930 1: 11/04/2019 @ 1330 Mobile B-58 Holt				Sampler Type: 18 Drive Hammer (II Depth of Water A Total Boring Dep	8" S bs.): \TD oth (	PT 140 (ft bgs): NE ft bgs): 80.7
Farallon PN: 691-023 Logged By: K. Scott		Drilling Forema Drilling Method	in: I:	Todo Hollo	d Knip ow-Ste	schield m		Total Well Depth	(ft l	ogs): N/A	
Depth (feet bgs.) Sample Interval Tithologic Description			า	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details

0	$\mathbb{N}$	0.0-0.5': ASPHALT.	AC )							Concrete
-	A	0.5-1.5': Silty SAND with gravel Fill (60% sand, 20% silt, 20% gravel), fine to coarse sand, fine and coarse gravel, brown, moist, no odor, no	SM							
-	-	sheen. Subangular gray gravel.								
- 5-	$\sim$			TTTT	05	47/50				
-		5.0-5.4: Sandy SiL I with gravel (50% silt, 30% sand, 20% gravel), the to medium sand, fine and coarse gravel, light brown, hard, moist, no odor, no sheen. Subangular to subrounded black and grav gravel.			25	4	0.0	HC3-5.0		
-		[,								
-										
- 11	$\ge$	10.0-10.5': Sandy SILT with gravel (50% silt, 30% sand, 20% gravel), fine to medium sand, fine and coarse gravel, light brown, hard, moist,	ML		30	33/50- 5	0.0	HC3-10.0	x	
-		no odor, no sneen. Subangular to subrounded black and gray gravel.								
-										
15 -	$\geq$	15.0-15.5': Sandy SILT with gravel (50% silt, 30% sand, 20% gravel), fine to medium sand, fine and coarse gravel, light brown, hard, moist,	ML	Ш	30	50-5	0.0	HC3-15.0	x	Bentonite
-		no odor, no sheen. Subangular to subrounded black and gray gravel.								
-										
20 -		20.0-21.3': Sandy SILT (60% silt, 35% sand, 5% gravel) fine to	ML	TIT	25	29/48/	0.0	HC3-20.0	x	
-		Subrounded black and gray gravel.				42				
-										
25 -	$\ge$	25.0-25.6': Silty SAND with gravel (50% sand, 30% silt, 20% gravel)	SM		33	50-6	0.0	HC3-25.0	x	
-		fine to coarse sand, fine and coarse gravel, gray, very dense, moist, no odor, no sheen. Subrounded black and gray gravel.								
-										
30										

	Well Construction Information										
Monument Type: N/A		Filter Pack:	N/A	Ground Surface Elevation (ft):	~147 NAVD88						
Casing Diameter (inches):	N/A	Surface Seal:	Concrete	Top of Casing Elevation (ft):	N/A						
Screen Slot Size (inches):	N/A	Annular Seal:	N/A	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs):	N/A	Boring Abandonment:	Bentonite	Unique Well ID: N/A							

	-	FARALLON	Log of Boring: HC-3								Page 2 of 3
Clie Pro <u></u> Loc	Client: Hines Interests Limited Partnership Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023		Date/Time Start Date/Time Com Equipment: Drilling Compa	ted: pleted: ny:	11/4/2019 @ 0930 1: 11/04/2019 @ 1330 Mobile B-58 Holt				Sampler Type: 1 Drive Hammer (II Depth of Water A Total Boring Dep	PT 140 (ft bgs): NE ft bgs): 80.7	
Far Log	Farallon PN: 691-023Logged By:K. Scott		Drilling Forema Drilling Method	in:  :	Todd Knipschield Hollow-Stem				Total Well Depth	(ft l	ogs): N/A
Depth (feet bgs.)	Sample Interval	Lithologic Description	n	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8	PID (ppm)	Sample ID	Sample Analyzed	Boring/Well Construction Details

Т

-		30.0-30.8': SILT (95% silt, 5% sand), fine sand, brown, hard, moist, no odor, no sheen.	ML	53	14/50- 6	0.0	HC3-30.0	X		
35 -		35.0-35.5': Sandy SILT (60% silt, 35% sand, 5% gravel), fine to coarse sand, fine and coarse gravel, light brown, moist, no odor, no sheen. Subangular to subrounded black and white gravel.	ML	30	50-5	0.0	HC3-35.0	x		
- 40 - - -		40-40.4': SILT with sand (80% silt, 15% sand, 5% gravel), fine sand, fine and coarse gravel, brown, hard, moist, no odor, no sheen. Subrounded black and white gravel.	ML	25	50-4	0.0	HC3-40.0	x		
45 -	-									Bentonite
- 50 - -		50.0-50.5': Silty SAND (70% sand, 25% silt, 5% gravel), fine to coarse sand, fine and coarse gravel, brown, very dense, moist, no odor, no sheen. Subrounded black gravel.	SM	30	50-5	0.0	HC3-50.0	x		
- 55 -	-									
60	-									

	Well Construction Information											
Monument Type: N/A		Filter Pack:	N/A	Ground Surface Elevation (ft):	~147 NAVD88							
Casing Diameter (inches):	N/A	Surface Seal:	Concrete	Top of Casing Elevation (ft):	N/A							
Screen Slot Size (inches):	N/A	Annular Seal:	N/A	Surveyed Location: X: N/A	<b>Y:</b> N/A							
Screened Interval (ft bgs):	N/A	Boring Abandonment:	Bentonite	Unique Well ID: N/A								

		FARALLON		Lo	og (	of I	Borir	ıg:	HC-3		Pa	nge 3 of 3		
Clie Pro Loc	ent: jec :ati	Hines Interests Limited Partnership t: Main Street Place on: Bellevue, WA	Date/Time Start Date/Time Com Equipment: Drilling Compar	ed: pleted: ny:	11/4/ 11/04 Mobi Holt	/2019 4/2019 le B-5	@ 0930 9 @ 1330 8		Sampler Type: 1 Drive Hammer (I Depth of Water A Total Boring Dep	Type: 18" SPT           mmer (lbs.):         140           Water ATD (ft bgs):         NE           ring Depth (ft bgs):         80.7				
Fai	Farallon PN: 691-023		Drilling Forema	n:	Todd Knipschield				Total Well Depth	A				
Log	gge	d By: K. Scott		:	Hollow-Stem				-		Γ			
Depth (feet bgs.)	Sample Interval	Lithologic Description	n	nscs	USCS Graphic	% Recovery	Blow Counts 8/8/8 PID (ppm)		Sample ID	Boring/N Construct Detai		ing/Well struction Details		
	$\times$	60.0-60.5': SILT with sand (80% silt, 15% sand, 5% g coarse sand, fine and coarse gravel, brown, hard, mois sheen. Subrounded black and gray gravel.	ravel), fine to st, no odor, no	ML		30	50-5	0.0	HC3-60.0	X				
70	$\times$	70.0-70.5': SILT with sand (75% silt, 20% sand, 5% g coarse sand, fine and coarse gravel, brown, hard, moi sheen. Subrounded black gravel.	ravel), fine to st, no odor, no	ML		30	50-5	0.0	HC3-70.0	x				

	coarse sand, fine and coarse gravel, brown, hard, moist, no odor, no sheen. Subrounded black gravel.					0.0			Bentonite
80 - - - - 85 - - -	80.0-80.7': Silty SAND with gravel (70% sand, 15% silt, 15% gravel), fine to coarse sand, fine and coarse gravel, brown, moist, no odor,no sheen.	SM	HUU	25	25/50- 4	0.0	HC3-80.0	x	
-									

	Well Construction Information										
Monument Type: N/A		Filter Pack:	N/A	Ground Surface Elevation (ft):	~147 NAVD88						
Casing Diameter (inches):	N/A	Surface Seal:	Concrete	Top of Casing Elevation (ft):	N/A						
Screen Slot Size (inches):	N/A	Annular Seal:	N/A	Surveyed Location: X: N/A	<b>Y:</b> N/A						
Screened Interval (ft bgs):	N/A	Boring Abandonment:	Bentonite	Unique Well ID: N/A							

FARALLON CONSULTING	Log of E	Borin	g:	F	B-'	19		Pag	e 1 of 1	
Client: Hines Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023 Logged By: C. van Stolk Reviewed By: L. Schumacher	Date/Time Started:2/17/22 @ 1Date/Time Completed:2/17/22 @ 1Drilling Company:Cascade DriDrilling Method:Hollow SterDrilling Equipment:CME 75Drilling Operator:Curtis AskeSampler Type:D&M SS 18Drive Hammer (lbs):140	355 500 illing n Auger w "x2"		Dept Borii Tota	h to ' ng Di I Bor	Wate iamel ing D	r ATD ( er (in): epth (i	(ft bgs): : ft bgs):	NE 4" 20'	
Depth (ft bgs) Sample Interval Tithologic Des	scription	nscs	USCS Graphic	Water Level	Blow Counts	% Recovery	PID (ppmv)	Samp	le ID	Sample Analyzed

0	1 1				1				T
0		0.0-0.5': Concrete slab.	<u> </u>	{					
-		0.5-3.0': Cleared for utilities using hand auger.							
27				1					
5-		E.O. C.O.: Silty SAND (200% cond. 150% cilt. 5% group) find and modium cond. find group	SM		20/	100	0.6	EP 10 5 0	
	М	brown, dry, no odor.	SIVI	ilili	50	100	0.0	FB-19-5.0	1
					for				
-					6"				
-	1								
-									
10 –		10.0-11.0': Silty SAND (80% sand, 15% silt, 5% gravel), fine and medium sand, fine	SM	::::	35/	100	0.9	FB-19-10.0	x
-	$\square$	gravel, brown, dry, no odor.		!!!!	50				0.0
					for				
×-					0				
-									
-									
15									
15-	$\ge$	15.0-15.5': Poorly graded SAND with silt (90% sand, 10% silt), fine and medium sand,	SP-	////	50	100	0.9	FB-19-15.0	X
-		brown, dry, no odor, trace silt.	SM		for				
					0				
	1								
1									
-									
20 –	$\ge$	19.5-20.0': Poorly graded SAND with silt (90% sand, 10% silt), fine and medium sand,	SP-	<u>////</u>					
		brown, dry, no odor, trace silt.	<u>SM</u>		50 for	100	0.9	FB-19-20.0	X
10-					6"				
					-				

Completion Information										
Temporary Well Casing Diameter (in):	NA	Surface Seal:	Concrete							
Temporary Well Screened Interval (ft bgs):	NA	Ground Surface Elevation (ft):	NA							
Boring Backfill Material:	Bentonite	Surveyed Location: X: NA	Y: NA							

FARALLON CONSULTING	Log of E	Borin	g:	F	B-2	20		Pag	le 1 of 1	
Client: Hines Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023 Logged By: C. van Stolk Reviewed By: L. Schumacher	Date/Time Started:2/18/22 @ 0Date/Time Completed:2/18/22 @ 0Drilling Company:Cascade DateDrilling Method:Hollow SterDrilling Equipment:CME 75Drilling Operator:Curtis AskeSampler Type:D&M SS 18Drive Hammer (Ibs):140	: 2/18/22 @ 0830 Depth to Water ATD (ft bgs): NE ted: 2/18/22 @ 0930 Boring Diameter (in): 4" Cascade Drilling Total Boring Depth (ft bgs): 20" Hollow Stem Auger it: CME 75 Curtis Askew D&M SS 18"x2"							NE 4" 20'	
Depth (ft bgs) Sample Interval Tithologic Des	scription	nscs	USCS Graphic	Water Level	Blow Counts	% Recovery	PID (ppmv)	Samp	ile ID	Sample Analyzed

0		0.0-0.5': Concrete slab.								
2-		0.5-5.0': Cleared for utilities using hand auger.								
2-										
	1									
5-							and an other states of	100 100		
	X	5.0-6.0': Silty SAND (80% sand, 15% silt, 5% gravel), fine and medium sand, fine gravel,	SM	lilili		30/	100	0.0	FB-20-5.0	X
-	( )					for				
						6"				
-										
10 -		10.0.11.04 Silky SAND (000) agend 150/ silk 50/ stayol) find and modium agend find	CM			251	100	0.0	EB 20 10 0	
	X	gravel, brown, drv. no odor.	511	<u>i i i</u>		50	100	0.0	FB-20-10.0	1
-	Í		1			for				
						6"				
-	1									
-										
15 -	$\times$	15 0-15 5" Poorly graded SAND with silt (80% sand 10% silt 10% gravel) fine and	SP-			50	100	0.1	FB-20-15 0	x
-		medium sand, fine gravel, brown, dry, no odor, trace silt.	SM SM			for		0.1	1 2 20 1010	
						4"				
-	$\left  \right $									
20										
20-	$\ge$	20.0-20.4': Poorly graded SAND with silt (80% sand, 10% silt, 10% gravel), fine and	SP-	/:/:/:		50	100	0.0	FB-20-20.0	X
		medium sand, fine gravel, brown, dry, no odor, trace silt.	∖ SM			for				
						4				

Completion Information										
Temporary Well Casing Diameter (in):	NA	Surface Seal:	Concrete							
Temporary Well Screened Interval (ft bgs):	NA	Ground Surface Elevation (ft):	NA							
Boring Backfill Material:	Bentonite	Surveyed Location: X: NA	Y: NA							

FARALLON CONSULTING	Log of E	Borin	g:	F	B-2	21		Pag	je 1 of 1	
Client: Hines Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023 Logged By: C. van Stolk Reviewed By: L. Schumacher	Date/Time Started:2/18/22 @Date/Time Completed:2/18/22 @Drilling Company:Cascade DDrilling Method:Hollow SterDrilling Equipment:CME 75Drilling Operator:Curtis AskeSampler Type:D&M SS 18Drive Hammer (lbs):140	1045 1136 n Auger w "x2"	)	Dept Borii Tota	h to ng Di I Bor	Wate iamei ing D	r ATD ter (in) Depth (i	(ft bgs): : ft bgs):	NE 4" 20'	
Depth (ft bgs) Sample Interval Titpologic Des	scription	nscs	USCS Graphic	Water Level	Blow Counts	% Recovery	PID (ppmv)	Samp	ile ID	Sample Analyzed

0		0.0-0.5': Concrete slab.							Τ
-		0.5-5.0': Cleared for utilities using hand auger.							
2-									
5-		5.0-6.0': Poorly graded SAND with silt (80% sand, 10% silt, 10% gravel), fine and	SM		30/	100	0.1	FB-21-5.0	x
-	$ \land $	medium sand, fine gravel, brown, dry, no odor.			50 for 6"				
-									
- 10 —		10.0-11.0': Poorly graded SAND with gravel (85% sand, 15% gravel), fine and medium	SM		35/	100	0.2	FB-21-10.0	x
-	$ \land $	sand, fine gravel, brown, dry, no odor.			50 for 6"				
-									
- 15 —	X	15.0-15.5': Silty SAND (75% sand, 15% silt, 10% gravel), fine to coarse sand, fine and	SP-	(/://://	50	100	0.1	FB-21-15.0	x
-		coarse gravel, brown, moist, no odor.	SM		for 6"				
-									
- 20 —	X	19.5-20.0" Poorly graded SAND (80% sand 15% gravel 5% silt) fine and medium	SP-	7.7.7.	50	100	0.2	EB-21-20.0	×
-		sand, fine gravel, brown, dry, no odor.	SM SM		for 6"	100	0.2	1 0-21-20.0	

Completion Information										
Temporary Well Casing Diameter (in):	NA	Surface Seal:	Concrete							
Temporary Well Screened Interval (ft bgs):	NA	Ground Surface Elevation (ft):	NA							
Boring Backfill Material:	Bentonite	Surveyed Location: X: NA	Y: NA							

FARALLON CONSULTING	Log of E	Borin	g:	F	B-2	22		Pag	e 1 of 1	
Client: Hines Project: Main Street Place Location: Bellevue, WA Farallon PN: 691-023 Logged By: C. van Stolk Reviewed By: L. Schumacher	Date/Time Started:       2/17/22 @         Date/Time Completed:       2/17/22 @         Drilling Company:       Cascade Di         Drilling Method:       Hollow Ster         Drilling Equipment:       CME 75         Drilling Operator:       Curtis Aske         Sampler Type:       D&M SS 18         Drive Hammer (lbs):       140	I 115 I 215 iilling n Auger w "x2"	1	Dept Borir Total	h to ' ng Di I Bor	Wate amet ing D	r ATD ( er (in): Depth (1	(ft bgs): : ft bgs):	NE 4" 20'	
Depth (ft bgs) Sample Interval Cithologic Des	scription	uscs	USCS Graphic	Water Level	Blow Counts	% Recovery	PID (ppmv)	Samp	le ID	Sample Analvzed

0		0.0-0.5': Concrete slab.							
-		0.5-3.0': Cleared for utilities using hand auger.							
-									
2.									
5-		5.0.6.0": Silty SAND (85% cand 15% silt) fine to medium sand brown dry no oder	SM	ппп	30/	100	0.4	EB 22 5 0	V
	$\wedge$	occasional cobbles.	Sivi	iii	50	100	0.4	1 8-22-5.0	1
					for				
-					5"				
-									
10 -									
10-	$\mathbb{N}$	10.0-11.0': Silty SAND (85% sand, 15% silt), fine to medium sand, brown, dry, no odor,	SM		35/	100	0.4	FB-22-10.0	X
-	$\left( \right)$	occasional cobbles.		::::	50 for				
					6"				
15 –	$\overline{}$	15.0.15 El: Silty SAND (75% cand 15% ailt 10% aroual) find to modium cand find to	SM		50	100	0.4	EP 22 15 0	
	$\square$	coarse gravel, brown, dry, no odor.			for	100	0.4	TB-22-15.0	<b> </b> ^
					6"				
-									
-									
20 -	$\times$	19.5-20.0': Well graded SAND (85% sand, 15% gravel), fine to coarse and, fine and	SW	••••					
20-		coarse gravel, brown, moist, no odor.			50	100	0.4	FB-22-20.0	X
-					for 6"				
					5				

Completion Information										
Temporary Well Casing Diameter (in):	NA	Surface Seal:	Concrete							
Temporary Well Screened Interval (ft bgs):	NA	Ground Surface Elevation (ft):	NA							
Boring Backfill Material:	Bentonite	Surveyed Location: X: NA	Y: NA							

# ATTACHMENT B LABORATORY ANALYTICAL RESULTS

REMEDIAL INVESTIGATION AND INTERIM ACTION SUMMARY MAIN STREET PLACE 103 110TH AVENUE NORTHEAST BELLEVUE, WASHINGTON

Farallon PN: 691-023



August 13, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-013

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 2, 2021.

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: August 13, 2021 Samples Submitted: August 2, 2021 Laboratory Reference: 2108-013 Project: 691-023

#### **Case Narrative**

Samples were collected on August 2, 2021 and received by the laboratory on August 2, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



OnSite Environmental, Inc. 14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 (425) 883-3881

# GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Soil Units: mg/kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-5-5.0					
Laboratory ID:	08-013-01					
Gasoline	ND	5.2	NWTPH-Gx	8-4-21	8-4-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	99	66-129				
Client ID:	FB-5-10.0					
Laboratory ID:	08-013-02					
Gasoline	ND	5.3	NWTPH-Gx	8-4-21	8-4-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	94	66-129				
Client ID:	FB-5-15.0					
Laboratory ID:	08-013-03					
Gasoline	ND	4.5	NWTPH-Gx	8-4-21	8-4-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	100	66-129				



#### GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Soil Units: mg/kg (ppm)

5						Date	Date	1	
Analyte		Result	PQL	Method		Prepared	Analyz	ed	Flags
METHOD BLANK									
Laboratory ID:		MB0804S1							
Gasoline		ND	5.0	NW	TPH-Gx	8-4-21	8-4-2	1	
Surrogate:	Per	rcent Recove	ry Control Lin	nits					
Fluorobenzene		95	66-129						
				Source	Percent	Recovery		RPD	
Analyte	Res	sult	Spike Level	Result	Recover	y Limits	RPD	Limit	Flags
DUPLICATE									
Laboratory ID:	08-01	3-01							
	ORIG	DUP							
Gasoline	ND	ND	NA NA		NA	NA	NA	30	
Surrogate:									
Fluorobenzene					99 94	4 66-129			



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# GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Soil Units: mg/kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-5-20.0					
Laboratory ID:	08-013-04					
Gasoline	ND	5.8	NWTPH-Gx	8-2-21	8-2-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	113	66-129				



#### GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Soil Units: mg/kg (ppm)

5								Date	Date		
Analyte		Result	PQL		Method		Р	repared	Analyzed	F	lags
METHOD BLANK											
Laboratory ID:	I	VB0802S1									
Gasoline		ND	5.0	)	NWTF	PH-Gx		8-2-21	8-2-21		
Surrogate:	Per	cent Recovery	Control	Limits	;						
Fluorobenzene		109	66-1	29							
					Source	Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike Le	evel	Result	Reco	overy	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	08-01	3-04									
	ORIG	DUP									
Gasoline	ND	ND	NA	NA		Ν	IA	NA	NA	30	
Surrogate:											
Fluorobenzene						113	113	66-129			



## DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Soil Units: mg/Kg (ppm)

0 0 0 1 7				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-5-5.0					
Laboratory ID:	08-013-01					
Diesel Range Organics	ND	27	NWTPH-Dx	8-3-21	8-3-21	
Lube Oil Range Organics	ND	54	NWTPH-Dx	8-3-21	8-3-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	74	50-150				
Client ID:	FB-5-10.0					
Laboratory ID:	08-013-02					
Diesel Range Organics	ND	28	NWTPH-Dx	8-3-21	8-3-21	
Lube Oil Range Organics	ND	55	NWTPH-Dx	8-3-21	8-3-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	75	50-150				
Client ID:	FB-5-15.0					
Laboratory ID:	08-013-03					
Diesel Range Organics	ND	28	NWTPH-Dx	8-3-21	8-3-21	
Lube Oil Range Organics	ND	56	NWTPH-Dx	8-3-21	8-3-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	86	50-150				



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Date of Report: August 13, 2021 Samples Submitted: August 2, 2021 Laboratory Reference: 2108-013 Project: 691-023

#### DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0803S1					
Diesel Range Organics	ND	25	NWTPH-Dx	8-3-21	8-3-21	
Lube Oil Range Organics	ND	50	NWTPH-Dx	8-3-21	8-3-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	94	50-150				

Analyte	Ros	sult	Snike		Source Result	Perce	ent orv	Recovery	RDU	RPD Limit	Flage
	T.C.	Suit	оріке	Levei	Result	Necov	ciy	Linita	N D	Linin	i lags
Laboratory ID:	SB08	03S1									
	ORIG	DUP									
Diesel Fuel #2	79.1	71.9	NA	NA		NA		NA	10	NA	
Surrogate: o-Terphenyl						88	86	50-150			



# DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Soil Units: mg/Kg (ppm)

Analyte	Result	POI	Method	Date Prepared	Date Analyzed	Flags
Client ID:	FB-5-20.0		motriou	Tiopulou	Analyzou	riago
Laboratory ID:	08-013-04					
Diesel Range Organics	ND	28	NWTPH-Dx	8-3-21	8-3-21	
Lube Oil Range Organics	ND	56	NWTPH-Dx	8-3-21	8-3-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	85	50-150				



Date of Report: August 13, 2021 Samples Submitted: August 2, 2021 Laboratory Reference: 2108-013 Project: 691-023

#### DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0803S1					
Diesel Range Organics	ND	25	NWTPH-Dx	8-3-21	8-3-21	
Lube Oil Range Organics	ND	50	NWTPH-Dx	8-3-21	8-3-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	94	50-150				

Analyte	Ros	sult	Snike		Source Result	Perce	ent orv	Recovery	RDU	RPD Limit	Flage
	T.C.	Suit	оріке	Levei	Result	Necov	ciy	Linita	N D	Linin	i lags
Laboratory ID:	SB08	03S1									
	ORIG	DUP									
Diesel Fuel #2	79.1	71.9	NA	NA		NA		NA	10	NA	
Surrogate: o-Terphenyl						88	86	50-150			



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## **VOLATILE ORGANICS EPA 8260D**

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-5-5.0					
Laboratory ID:	08-013-01					
Vinyl Chloride	ND	0.0014	EPA 8260D	8-3-21	8-3-21	
(trans) 1,2-Dichloroethene	ND	0.0014	EPA 8260D	8-3-21	8-3-21	
(cis) 1,2-Dichloroethene	ND	0.0014	EPA 8260D	8-3-21	8-3-21	
Benzene	ND	0.0014	EPA 8260D	8-3-21	8-3-21	
Trichloroethene	ND	0.0014	EPA 8260D	8-3-21	8-3-21	
Toluene	ND	0.0071	EPA 8260D	8-3-21	8-3-21	
Tetrachloroethene	ND	0.0014	EPA 8260D	8-3-21	8-3-21	
Ethylbenzene	ND	0.0014	EPA 8260D	8-3-21	8-3-21	
m,p-Xylene	ND	0.0029	EPA 8260D	8-3-21	8-3-21	
o-Xylene	ND	0.0014	EPA 8260D	8-3-21	8-3-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	115	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	101	71-130				

Client ID:	FB-5-10.0					
Laboratory ID:	08-013-02					
Vinyl Chloride	ND	0.00088	EPA 8260D	8-3-21	8-3-21	
(trans) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-3-21	8-3-21	
(cis) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-3-21	8-3-21	
Benzene	ND	0.00088	EPA 8260D	8-3-21	8-3-21	
Trichloroethene	ND	0.00088	EPA 8260D	8-3-21	8-3-21	
Toluene	ND	0.0044	EPA 8260D	8-3-21	8-3-21	
Tetrachloroethene	ND	0.00088	EPA 8260D	8-3-21	8-3-21	
Ethylbenzene	ND	0.00088	EPA 8260D	8-3-21	8-3-21	
m,p-Xylene	ND	0.0018	EPA 8260D	8-3-21	8-3-21	
o-Xylene	ND	0.00088	EPA 8260D	8-3-21	8-3-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	101	71-130				



OnSite Environmental, Inc. 14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 (425) 883-3881
Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-5-15.0					
Laboratory ID:	08-013-03					
Vinyl Chloride	ND	0.00080	EPA 8260D	8-3-21	8-3-21	
(trans) 1,2-Dichloroethene	ND	0.00080	EPA 8260D	8-3-21	8-3-21	
(cis) 1,2-Dichloroethene	ND	0.00080	EPA 8260D	8-3-21	8-3-21	
Benzene	ND	0.00080	EPA 8260D	8-3-21	8-3-21	
Trichloroethene	ND	0.00080	EPA 8260D	8-3-21	8-3-21	
Toluene	ND	0.0040	EPA 8260D	8-3-21	8-3-21	
Tetrachloroethene	ND	0.00080	EPA 8260D	8-3-21	8-3-21	
Ethylbenzene	ND	0.00080	EPA 8260D	8-3-21	8-3-21	
m,p-Xylene	ND	0.0016	EPA 8260D	8-3-21	8-3-21	
o-Xylene	ND	0.00080	EPA 8260D	8-3-21	8-3-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	116	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	102	71-130				
Client ID:	FB-5-25.0					

Laboratory ID:	08-013-05					
Vinyl Chloride	ND	0.00096	EPA 8260D	8-4-21	8-4-21	
(trans) 1,2-Dichloroethene	ND	0.00096	EPA 8260D	8-4-21	8-4-21	
(cis) 1,2-Dichloroethene	ND	0.00096	EPA 8260D	8-4-21	8-4-21	
Trichloroethene	ND	0.00096	EPA 8260D	8-4-21	8-4-21	
Tetrachloroethene	ND	0.00096	EPA 8260D	8-4-21	8-4-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FB-5-30.0					
Laboratory ID:	08-013-06					
Vinyl Chloride	ND	0.00078	EPA 8260D	8-3-21	8-3-21	
(trans) 1,2-Dichloroethene	ND	0.00078	EPA 8260D	8-3-21	8-3-21	
(cis) 1,2-Dichloroethene	ND	0.00078	EPA 8260D	8-3-21	8-3-21	
Trichloroethene	ND	0.00078	EPA 8260D	8-3-21	8-3-21	
Tetrachloroethene	ND	0.00078	EPA 8260D	8-3-21	8-3-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	101	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-5-35.0					
Laboratory ID:	08-013-08					
Vinyl Chloride	ND	0.00099	EPA 8260D	8-3-21	8-3-21	
(trans) 1,2-Dichloroethene	ND	0.00099	EPA 8260D	8-3-21	8-3-21	
(cis) 1,2-Dichloroethene	ND	0.00099	EPA 8260D	8-3-21	8-3-21	
Trichloroethene	ND	0.00099	EPA 8260D	8-3-21	8-3-21	
Tetrachloroethene	ND	0.00099	EPA 8260D	8-3-21	8-3-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	110	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	101	71-130				

Client ID:	FB-5-40.0					
Laboratory ID:	08-013-09					
Vinyl Chloride	ND	0.00099	EPA 8260D	8-3-21	8-3-21	
(trans) 1,2-Dichloroethene	ND	0.00099	EPA 8260D	8-3-21	8-3-21	
(cis) 1,2-Dichloroethene	ND	0.00099	EPA 8260D	8-3-21	8-3-21	
Trichloroethene	ND	0.00099	EPA 8260D	8-3-21	8-3-21	
Tetrachloroethene	ND	0.00099	EPA 8260D	8-3-21	8-3-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	110	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	98	71-130				

Client ID:	FB-5-45.0					
Laboratory ID:	08-013-10					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	107	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	100	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-5-50.0					
Laboratory ID:	08-013-11					
Vinyl Chloride	ND	0.00098	EPA 8260D	8-3-21	8-3-21	
(trans) 1,2-Dichloroethene	ND	0.00098	EPA 8260D	8-3-21	8-3-21	
(cis) 1,2-Dichloroethene	ND	0.00098	EPA 8260D	8-3-21	8-3-21	
Trichloroethene	ND	0.00098	EPA 8260D	8-3-21	8-3-21	
Tetrachloroethene	ND	0.00098	EPA 8260D	8-3-21	8-3-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	96	71-130				

Client ID:	FB-5-55.0					
Laboratory ID:	08-013-12					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	115	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FB-5-60.0					
Laboratory ID:	08-013-13					
Vinyl Chloride	ND	0.00097	EPA 8260D	8-3-21	8-3-21	
(trans) 1,2-Dichloroethene	ND	0.00097	EPA 8260D	8-3-21	8-3-21	
(cis) 1,2-Dichloroethene	ND	0.00097	EPA 8260D	8-3-21	8-3-21	
Trichloroethene	ND	0.00097	EPA 8260D	8-3-21	8-3-21	
Tetrachloroethene	ND	0.00097	EPA 8260D	8-3-21	8-3-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	100	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-5-65.0					
Laboratory ID:	08-013-14					
Vinyl Chloride	ND	0.00097	EPA 8260D	8-3-21	8-3-21	
(trans) 1,2-Dichloroethene	ND	0.00097	EPA 8260D	8-3-21	8-3-21	
(cis) 1,2-Dichloroethene	ND	0.00097	EPA 8260D	8-3-21	8-3-21	
Trichloroethene	ND	0.00097	EPA 8260D	8-3-21	8-3-21	
Tetrachloroethene	ND	0.00097	EPA 8260D	8-3-21	8-3-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	110	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	99	71-130				

Client ID:	FB-5-70.0					
Laboratory ID:	08-013-15					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	98	71-130				

Client ID:	FB-5-75.0					
Laboratory ID:	08-013-16					
Vinyl Chloride	ND	0.0011	EPA 8260D	8-4-21	8-4-21	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-4-21	8-4-21	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-4-21	8-4-21	
Trichloroethene	ND	0.0011	EPA 8260D	8-4-21	8-4-21	
Tetrachloroethene	ND	0.0011	EPA 8260D	8-4-21	8-4-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	115	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	91	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-13-5.0					
Laboratory ID:	08-013-17					
Vinyl Chloride	ND	0.00086	EPA 8260D	8-4-21	8-4-21	
(trans) 1,2-Dichloroethene	ND	0.00086	EPA 8260D	8-4-21	8-4-21	
(cis) 1,2-Dichloroethene	ND	0.00086	EPA 8260D	8-4-21	8-4-21	
Trichloroethene	ND	0.00086	EPA 8260D	8-4-21	8-4-21	
Tetrachloroethene	ND	0.00086	EPA 8260D	8-4-21	8-4-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FMW-13-10.0					
Laboratory ID:	08-013-18					
Vinyl Chloride	ND	0.00085	EPA 8260D	8-4-21	8-4-21	
(trans) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-4-21	8-4-21	
(cis) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-4-21	8-4-21	
Trichloroethene	ND	0.00085	EPA 8260D	8-4-21	8-4-21	
Tetrachloroethene	ND	0.00085	EPA 8260D	8-4-21	8-4-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	101	71-130				

Client ID:	FMW-13-15.0					
Laboratory ID:	08-013-19					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-4-21	8-4-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-4-21	8-4-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-4-21	8-4-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-4-21	8-4-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-4-21	8-4-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	101	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-13-20.0					
Laboratory ID:	08-013-20					
Vinyl Chloride	ND	0.00095	EPA 8260D	8-4-21	8-4-21	
(trans) 1,2-Dichloroethene	ND	0.00095	EPA 8260D	8-4-21	8-4-21	
(cis) 1,2-Dichloroethene	ND	0.00095	EPA 8260D	8-4-21	8-4-21	
Trichloroethene	ND	0.00095	EPA 8260D	8-4-21	8-4-21	
Tetrachloroethene	ND	0.00095	EPA 8260D	8-4-21	8-4-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	99	71-130				

Client ID:	FMW-13-25.0					
Laboratory ID:	08-013-21					
Vinyl Chloride	ND	0.00097	EPA 8260D	8-4-21	8-4-21	
(trans) 1,2-Dichloroethene	ND	0.00097	EPA 8260D	8-4-21	8-4-21	
(cis) 1,2-Dichloroethene	ND	0.00097	EPA 8260D	8-4-21	8-4-21	
Trichloroethene	ND	0.00097	EPA 8260D	8-4-21	8-4-21	
Tetrachloroethene	ND	0.00097	EPA 8260D	8-4-21	8-4-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FMW-13-30.0					
Laboratory ID:	08-013-22					
Vinyl Chloride	ND	0.00097	EPA 8260D	8-4-21	8-4-21	
(trans) 1,2-Dichloroethene	ND	0.00097	EPA 8260D	8-4-21	8-4-21	
(cis) 1,2-Dichloroethene	ND	0.00097	EPA 8260D	8-4-21	8-4-21	
Trichloroethene	ND	0.00097	EPA 8260D	8-4-21	8-4-21	
Tetrachloroethene	ND	0.00097	EPA 8260D	8-4-21	8-4-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	110	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	100	71-130				



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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-13-35.0					
Laboratory ID:	08-013-23					
Vinyl Chloride	ND	0.00096	EPA 8260D	8-4-21	8-4-21	
(trans) 1,2-Dichloroethene	ND	0.00096	EPA 8260D	8-4-21	8-4-21	
(cis) 1,2-Dichloroethene	ND	0.00096	EPA 8260D	8-4-21	8-4-21	
Trichloroethene	ND	0.00096	EPA 8260D	8-4-21	8-4-21	
Tetrachloroethene	ND	0.00096	EPA 8260D	8-4-21	8-4-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FMW-13-40.0					
Laboratory ID:	08-013-24					
Vinyl Chloride	ND	0.00068	EPA 8260D	8-4-21	8-4-21	
(trans) 1,2-Dichloroethene	ND	0.00068	EPA 8260D	8-4-21	8-4-21	
(cis) 1,2-Dichloroethene	ND	0.00068	EPA 8260D	8-4-21	8-4-21	
Trichloroethene	ND	0.00068	EPA 8260D	8-4-21	8-4-21	
Tetrachloroethene	ND	0.00068	EPA 8260D	8-4-21	8-4-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	96	71-130				



# VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0803S1					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
Benzene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
Toluene	ND	0.0050	EPA 8260D	8-3-21	8-3-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
Ethylbenzene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
m,p-Xylene	ND	0.0020	EPA 8260D	8-3-21	8-3-21	
o-Xylene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	118	74-131				
Toluene-d8	110	78-128				
4-Bromofluorobenzene	101	71-130				
Laboratory ID:	MB0804S1					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-4-21	8-4-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-4-21	8-4-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-4-21	8-4-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-4-21	8-4-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-4-21	8-4-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	100	71-130				



# VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

					Pe	ercent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Re	covery	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB08	03S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0571	0.0546	0.0500	0.0500	114	109	71-131	4	19	
Benzene	0.0522	0.0500	0.0500	0.0500	104	100	73-124	4	18	
Trichloroethene	0.0489	0.0460	0.0500	0.0500	98	92	79-130	6	18	
Toluene	0.0466	0.0455	0.0500	0.0500	93	91	76-123	2	18	
Chlorobenzene	0.0469	0.0456	0.0500	0.0500	94	91	78-122	3	18	
Surrogate:										
Dibromofluoromethane					119	116	74-131			
Toluene-d8					108	108	78-128			
4-Bromofluorobenzene					101	100	71-130			
Laboratory ID:	SB08	04S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0508	0.0500	0.0500	0.0500	102	100	71-131	2	19	
Benzene	0.0476	0.0465	0.0500	0.0500	95	93	73-124	2	18	
Trichloroethene	0.0451	0.0440	0.0500	0.0500	90	88	79-130	2	18	
Toluene	0.0445	0.0428	0.0500	0.0500	89	86	76-123	4	18	
Chlorobenzene	0.0450	0.0425	0.0500	0.0500	90	85	78-122	6	18	
Surrogate:										
Dibromofluoromethane					111	114	74-131			
Toluene-d8					107	<b>1</b> 07	78-128			
4-Bromofluorobenzene					101	102	71-130			



				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-5-20.0					
Laboratory ID:	08-013-04					
Vinyl Chloride	ND	0.0012	EPA 8260D	8-3-21	8-3-21	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	8-3-21	8-3-21	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	8-3-21	8-3-21	
Benzene	ND	0.0012	EPA 8260D	8-3-21	8-3-21	
Trichloroethene	ND	0.0012	EPA 8260D	8-3-21	8-3-21	
Toluene	ND	0.0061	EPA 8260D	8-3-21	8-3-21	
Tetrachloroethene	ND	0.0012	EPA 8260D	8-3-21	8-3-21	
Ethylbenzene	ND	0.0012	EPA 8260D	8-3-21	8-3-21	
m,p-Xylene	ND	0.0025	EPA 8260D	8-3-21	8-3-21	
o-Xylene	ND	0.0012	EPA 8260D	8-3-21	8-3-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	117	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	99	71-130				

Client ID:	FB-5-32.0					
Laboratory ID:	08-013-07					
Vinyl Chloride	ND	0.00091	EPA 8260D	8-3-21	8-3-21	
(trans) 1,2-Dichloroethene	ND	0.00091	EPA 8260D	8-3-21	8-3-21	
(cis) 1,2-Dichloroethene	ND	0.00091	EPA 8260D	8-3-21	8-3-21	
Trichloroethene	ND	0.00091	EPA 8260D	8-3-21	8-3-21	
Tetrachloroethene	ND	0.00091	EPA 8260D	8-3-21	8-3-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	74-131				
Toluene-d8	110	78-128				
4-Bromofluorobenzene	100	71-130				



# VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

0.0				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0803S1					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
Benzene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
Toluene	ND	0.0050	EPA 8260D	8-3-21	8-3-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
Ethylbenzene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
m,p-Xylene	ND	0.0020	EPA 8260D	8-3-21	8-3-21	
o-Xylene	ND	0.0010	EPA 8260D	8-3-21	8-3-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	118	74-131				
Toluene-d8	110	78-128				
4-Bromofluorobenzene	101	71-130				

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Rec	overy	Limits	RPD	Limit	Flags	
SPIKE BLANKS										
Laboratory ID:	SB08	03S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0571	0.0546	0.0500	0.0500	114	109	71-131	4	19	
Benzene	0.0522	0.0500	0.0500	0.0500	104	100	73-124	4	18	
Trichloroethene	0.0489	0.0460	0.0500	0.0500	98	92	79-130	6	18	
Toluene	0.0466	0.0455	0.0500	0.0500	93	91	76-123	2	18	
Chlorobenzene	0.0469	0.0456	0.0500	0.0500	94	91	78-122	3	18	
Surrogate:										
Dibromofluoromethane					119	116	74-131			
Toluene-d8					108	108	78-128			
4-Bromofluorobenzene					101	100	71-130			



### TOTAL METALS EPA 6010D/7471B

Matrix: Soil Units: mg/Kg (ppm)

0 0 11 /				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-5-5.0					
Laboratory ID:	08-013-01					
Arsenic	ND	11	EPA 6010D	8-12-21	8-12-21	
Barium	36	2.7	EPA 6010D	8-12-21	8-12-21	
Cadmium	ND	0.54	EPA 6010D	8-12-21	8-12-21	
Chromium	14	0.54	EPA 6010D	8-12-21	8-12-21	
Lead	ND	5.4	EPA 6010D	8-12-21	8-12-21	
Mercury	ND	0.27	EPA 7471B	8-13-21	8-13-21	
Selenium	ND	11	EPA 6010D	8-12-21	8-12-21	
Silver	ND	1.1	EPA 6010D	8-12-21	8-12-21	

Client ID:	FMW-13-5.0					
Laboratory ID:	08-013-17					
Arsenic	ND	11	EPA 6010D	8-12-21	8-12-21	
Barium	55	2.8	EPA 6010D	8-12-21	8-12-21	
Cadmium	ND	0.56	EPA 6010D	8-12-21	8-12-21	
Chromium	21	0.56	EPA 6010D	8-12-21	8-12-21	
Lead	ND	5.6	EPA 6010D	8-12-21	8-12-21	
Mercury	ND	0.28	EPA 7471B	8-13-21	8-13-21	
Selenium	ND	11	EPA 6010D	8-12-21	8-12-21	
Silver	ND	1.1	EPA 6010D	8-12-21	8-12-21	



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#### TOTAL METALS EPA 6010D/7471B QUALITY CONTROL

Matrix: Soil Units: mg/Kg (ppm)

- 3° 3 (11 )				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0812SM1					
Arsenic	ND	10	EPA 6010D	8-12-21	8-12-21	
Barium	ND	2.5	EPA 6010D	8-12-21	8-12-21	
Cadmium	ND	0.50	EPA 6010D	8-12-21	8-12-21	
Chromium	ND	0.50	EPA 6010D	8-12-21	8-12-21	
Lead	ND	5.0	EPA 6010D	8-12-21	8-12-21	
Selenium	ND	10	EPA 6010D	8-12-21	8-12-21	
Silver	ND	1.0	EPA 6010D	8-12-21	8-12-21	
Laboratory ID:	MB0813S1					
Mercury	ND	0.25	EPA 7471B	8-13-21	8-13-21	

					Source	Pe	rcent	Recovery		RPD	
Analyte	Re	sult	Spike	Level	Result	Rec	overy	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	08-10	07-12									
	ORIG	DUP									
Arsenic	ND	ND	NA	NA		1	٨N	NA	NA	20	
Barium	45.6	49.9	NA	NA		1	٨N	NA	9	20	
Cadmium	ND	ND	NA	NA		1	A	NA	NA	20	
Chromium	23.1	24.2	NA	NA		1	٨٨	NA	5	20	
Lead	ND	ND	NA	NA		1	٨N	NA	NA	20	
Selenium	ND	ND	NA	NA		1	A	NA	NA	20	
Silver	ND	ND	NA	NA		1	NA	NA	NA	20	
Laboratory ID:	08-10	07-12									
Mercury	ND	ND	NA	NA		1	NA	NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	08-10	07-12									
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	94.2	92.1	100	100	ND	94	92	75-125	2	20	
Barium	149	145	100	100	45.6	104	100	75-125	3	20	
Cadmium	45.0	44.4	50.0	50.0	ND	90	89	75-125	1	20	
Chromium	120	116	100	100	23.1	97	93	75-125	4	20	
Lead	240	239	250	250	ND	96	96	75-125	1	20	
Selenium	91.6	93.6	100	100	ND	92	94	75-125	2	20	
Silver	22.6 23.4		25.0	25.0	ND	90	94	75-125	4	20	
Laboratory ID:											
Mercury	0.500	0.500	0.0288	104	105	80-120	1	20			



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Date of Report: August 13, 2021 Samples Submitted: August 2, 2021 Laboratory Reference: 2108-013 Project: 691-023

# % MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FB-5-5.0	08-013-01	7	8-3-21
FB-5-10.0	08-013-02	9	8-3-21
FB-5-15.0	08-013-03	11	8-3-21
FB-5-20.0	08-013-04	11	8-2-21
FB-5-25.0	08-013-05	8	8-3-21
FB-5-30.0	08-013-06	10	8-3-21
FB-5-32.0	08-013-07	11	8-3-21
FB-5-35.0	08-013-08	8	8-3-21
FB-5-40.0	08-013-09	5	8-3-21
FB-5-45.0	08-013-10	5	8-3-21
FB-5-50.0	08-013-11	8	8-3-21
FB-5-55.0	08-013-12	5	8-3-21
FB-5-60.0	08-013-13	6	8-3-21
FB-5-65.0	08-013-14	7	8-3-21
FB-5-70.0	08-013-15	10	8-3-21
FB-5-75.0	08-013-16	14	8-3-21
FMW-13-5.0	08-013-17	11	8-3-21
FMW-13-10.0	08-013-18	11	8-3-21
FMW-13-15.0	08-013-19	8	8-3-21
FMW-13-20.0	08-013-20	8	8-3-21
FMW-13-25.0	08-013-21	12	8-3-21
FMW-13-30.0	08-013-22	5	8-3-21
FMW-13-35.0	08-013-23	8	8-3-21
FMW-13-40.0	08-013-24	8	8-3-21



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### **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.

Ζ-

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



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Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished	Signature	10 FB-5-45-8	9 FB-5-40.0	8 FB-5-35-0	7 FB-5-32.0	6 FB-5-30.0	S FB-5-25.0	4 FB-5-20.0	3 FB-5-15-0	2 FB-5-10.0	1 FB-5-5.0	J Lab ID Sample Identification	Sampled by: Grea Peters	Main Street Place	Project Number:	Company: Autulan Consulting	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Environmental Inc.
Reviewed/Date					7KO) -	Formallin	Company	8-2-21 1100 1 5	8-2-21 1050 5	8-2-21 1028 5	8-2-21 1020 5	8-2-21 1010 5	8-2-21 0940 5	8-2-21 0915 5	8-2-21 6900 5	8-2-21 0850 5	8-2-21 0835 Soil 5	Date Time Sampled Sampled Matrix	(other)	Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(in working days) (Check One)	Chain of
-					8/2/21 172	8/2/21 1736	Date Time	X	X	X		×	X		XXXXX	XXXX	XXXX	NWTF NWTF NWTF Volati Halog	PH-HCID PH-GX PH-GX PH-DX ( Aci les 8260D lenated Volati	<b>826</b>	Clean-up	) prt lis	Laboratory Numbe	Custody
Chromatograms with final report  Electronic Data Deliverables	Data Package: Standard  Level III  Level IV	- All other Samples an Standard TAT.	Show another Sundas PBS 53, 100 1	Same due TAT.	Due & Viny/ informa	Shorthist Hung: PCE, TCE, cis-14	Comments/Special Instructions											EDB I Semiv (with PAHs PCBs Orgar Orgar Chlor Total Total Total HEM	EPA 8011 (Wa volatiles 8270 low-level PAH 8270E/SIM (I 8082A nochlorine Pe nophosphorus inated Acid H RCRA Metals MTCA Metals (oil and greas	e) 1664A	y) 8081B des 827( s 8151A	DE/SIM	er: 08 - 013	Page 1 of 3

Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished	Signature	20 FMW-13 - 2000	19 FMW-13 - 15.0	18 FMed-13 - 10-0	17 Find-13- 5.0	16 FB-5-75.0	15 FB-5-70.0	14 FB-5-65.0	13 FB-5-60.0	12 FB-5-55.0	11 FB-5-50.0	U Lab ID Sample Identification	Company: Farallon Consulting Project Number: 691-023 Project Name: Main Streef Place Project Manager: Sampled by: Greg Peters	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: 1/25) 883-3881 • www.onsite-env.com	Environmental Inc.
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					8/2/101	8/2/21	Date											NWTF NWTF	H-Gx/BTEX H-Gx H-Dx (□ Acid / SG Clean-up)	Laboratory	ustody
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Ds)								-		-	-			-		-	K	% Mo	sture		

Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished	Signature 0				24 FMW-13-40-0	23 MMW-13-35.0	22 FMW-13-30-0	21 FMW-13-25.0	Lab ID Sample Identification	sampled by: See Holus	Project Manager: began Schumacer	Project Name: Now Sheef flace	Project Number: 691-023	Company: Farrellun	14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Analytical Laboratory Testing Services	OnSite
Review						feu	Company				I 161	160	1 16	8/2/21 15	Date Tir Sampled Sam		See	Standard (7	2 Days	Same Day	(in worki	Turnaroun	C
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; Data Deliverables (EDDs) 🗌	Level IV													×	9% Mo	isture	grease	) 1664A					of G



August 9, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-027

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 3, 2021.

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: August 9, 2021 Samples Submitted: August 3, 2021 Laboratory Reference: 2108-027 Project: 691-023

### **Case Narrative**

Samples were collected on August 3, 2021 and received by the laboratory on August 3, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-13-45.0					
Laboratory ID:	08-027-01					
Vinyl Chloride	ND	0.00090	EPA 8260D	8-5-21	8-5-21	
(trans) 1,2-Dichloroethene	ND	0.00090	EPA 8260D	8-5-21	8-5-21	
(cis) 1,2-Dichloroethene	ND	0.00090	EPA 8260D	8-5-21	8-5-21	
Trichloroethene	ND	0.00090	EPA 8260D	8-5-21	8-5-21	
Tetrachloroethene	ND	0.00090	EPA 8260D	8-5-21	8-5-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	95	71-130				

Client ID:	FMW-13-50.0					
Laboratory ID:	08-027-02					
Vinyl Chloride	ND	0.00080	EPA 8260D	8-5-21	8-5-21	
(trans) 1,2-Dichloroethene	ND	0.00080	EPA 8260D	8-5-21	8-5-21	
(cis) 1,2-Dichloroethene	ND	0.00080	EPA 8260D	8-5-21	8-5-21	
Trichloroethene	ND	0.00080	EPA 8260D	8-5-21	8-5-21	
Tetrachloroethene	ND	0.00080	EPA 8260D	8-5-21	8-5-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	97	71-130				

Client ID:	FMW-13-55.0					
Laboratory ID:	08-027-03					
Vinyl Chloride	ND	0.00079	EPA 8260D	8-5-21	8-5-21	
(trans) 1,2-Dichloroethene	ND	0.00079	EPA 8260D	8-5-21	8-5-21	
(cis) 1,2-Dichloroethene	ND	0.00079	EPA 8260D	8-5-21	8-5-21	
Trichloroethene	ND	0.00079	EPA 8260D	8-5-21	8-5-21	
Tetrachloroethene	ND	0.00079	EPA 8260D	8-5-21	8-5-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	97	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-13-60.0					
Laboratory ID:	08-027-04					
Vinyl Chloride	ND	0.00076	EPA 8260D	8-5-21	8-5-21	
(trans) 1,2-Dichloroethene	ND	0.00076	EPA 8260D	8-5-21	8-5-21	
(cis) 1,2-Dichloroethene	ND	0.00076	EPA 8260D	8-5-21	8-5-21	
Trichloroethene	ND	0.00076	EPA 8260D	8-5-21	8-5-21	
Tetrachloroethene	ND	0.00076	EPA 8260D	8-5-21	8-5-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	98	71-130				

Client ID:	FMW-13-65.0					
Laboratory ID:	08-027-05					
Vinyl Chloride	ND	0.00088	EPA 8260D	8-5-21	8-5-21	
(trans) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-5-21	8-5-21	
(cis) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-5-21	8-5-21	
Trichloroethene	ND	0.00088	EPA 8260D	8-5-21	8-5-21	
Tetrachloroethene	ND	0.00088	EPA 8260D	8-5-21	8-5-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	96	71-130				

Client ID:	FMW-13-70.0					
Laboratory ID:	08-027-06					
Vinyl Chloride	ND	0.0011	EPA 8260D	8-5-21	8-5-21	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-5-21	8-5-21	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-5-21	8-5-21	
Trichloroethene	ND	0.0011	EPA 8260D	8-5-21	8-5-21	
Tetrachloroethene	ND	0.0011	EPA 8260D	8-5-21	8-5-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	98	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-13-75.0					
Laboratory ID:	08-027-07					
Vinyl Chloride	ND	0.00093	EPA 8260D	8-5-21	8-5-21	
(trans) 1,2-Dichloroethene	ND	0.00093	EPA 8260D	8-5-21	8-5-21	
(cis) 1,2-Dichloroethene	ND	0.00093	EPA 8260D	8-5-21	8-5-21	
Trichloroethene	ND	0.00093	EPA 8260D	8-5-21	8-5-21	
Tetrachloroethene	ND	0.00093	EPA 8260D	8-5-21	8-5-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	99	71-130				

Client ID:	FMW-13-80.0					
Laboratory ID:	08-027-08					
Vinyl Chloride	ND	0.0012	EPA 8260D	8-5-21	8-5-21	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	8-5-21	8-5-21	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	8-5-21	8-5-21	
Trichloroethene	ND	0.0012	EPA 8260D	8-5-21	8-5-21	
Tetrachloroethene	ND	0.0012	EPA 8260D	8-5-21	8-5-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FMW-13-85.0					
Laboratory ID:	08-027-09					
Vinyl Chloride	ND	0.00089	EPA 8260D	8-5-21	8-5-21	
(trans) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-5-21	8-5-21	
(cis) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-5-21	8-5-21	
Trichloroethene	ND	0.00089	EPA 8260D	8-5-21	8-5-21	
Tetrachloroethene	ND	0.00089	EPA 8260D	8-5-21	8-5-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	97	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-13-90.0					
Laboratory ID:	08-027-10					
Vinyl Chloride	ND	0.00095	EPA 8260D	8-5-21	8-5-21	
(trans) 1,2-Dichloroethene	ND	0.00095	EPA 8260D	8-5-21	8-5-21	
(cis) 1,2-Dichloroethene	ND	0.00095	EPA 8260D	8-5-21	8-5-21	
Trichloroethene	ND	0.00095	EPA 8260D	8-5-21	8-5-21	
Tetrachloroethene	ND	0.00095	EPA 8260D	8-5-21	8-5-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	94	71-130				

Client ID:	FMW-13-95.0					
Laboratory ID:	08-027-11					
Vinyl Chloride	ND	0.00085	EPA 8260D	8-5-21	8-5-21	
(trans) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-5-21	8-5-21	
(cis) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-5-21	8-5-21	
Trichloroethene	ND	0.00085	EPA 8260D	8-5-21	8-5-21	
Tetrachloroethene	ND	0.00085	EPA 8260D	8-5-21	8-5-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FMW-13-100.0					
Laboratory ID:	08-027-12					
Vinyl Chloride	ND	0.00081	EPA 8260D	8-5-21	8-5-21	
(trans) 1,2-Dichloroethene	ND	0.00081	EPA 8260D	8-5-21	8-5-21	
(cis) 1,2-Dichloroethene	ND	0.00081	EPA 8260D	8-5-21	8-5-21	
Trichloroethene	ND	0.00081	EPA 8260D	8-5-21	8-5-21	
Tetrachloroethene	ND	0.00081	EPA 8260D	8-5-21	8-5-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	115	74-131				
Toluene-d8	105	78-128				
4-Bromofluorobenzene	98	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-13-105.0					
Laboratory ID:	08-027-13					
Vinyl Chloride	ND	0.00080	EPA 8260D	8-6-21	8-6-21	
(trans) 1,2-Dichloroethene	ND	0.00080	EPA 8260D	8-6-21	8-6-21	
(cis) 1,2-Dichloroethene	ND	0.00080	EPA 8260D	8-6-21	8-6-21	
Trichloroethene	ND	0.00080	EPA 8260D	8-6-21	8-6-21	
Tetrachloroethene	ND	0.00080	EPA 8260D	8-6-21	8-6-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	98	71-130				

Client ID:	FMW-13-110.0					
Laboratory ID:	08-027-14					
Vinyl Chloride	ND	0.00096	EPA 8260D	8-6-21	8-6-21	
(trans) 1,2-Dichloroethene	ND	0.00096	EPA 8260D	8-6-21	8-6-21	
(cis) 1,2-Dichloroethene	ND	0.00096	EPA 8260D	8-6-21	8-6-21	
Trichloroethene	ND	0.00096	EPA 8260D	8-6-21	8-6-21	
Tetrachloroethene	ND	0.00096	EPA 8260D	8-6-21	8-6-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	99	71-130				

Client ID:	FMW-13-115.0					
Laboratory ID:	08-027-15					
Vinyl Chloride	ND	0.00083	EPA 8260D	8-6-21	8-6-21	
(trans) 1,2-Dichloroethene	ND	0.00083	EPA 8260D	8-6-21	8-6-21	
(cis) 1,2-Dichloroethene	ND	0.00083	EPA 8260D	8-6-21	8-6-21	
Trichloroethene	ND	0.00083	EPA 8260D	8-6-21	8-6-21	
Tetrachloroethene	ND	0.00083	EPA 8260D	8-6-21	8-6-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	99	71-130				



OnSite Environmental, Inc. 14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 (425) 883-3881

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# VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0805S1					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-5-21	8-5-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-5-21	8-5-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-5-21	8-5-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-5-21	8-5-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-5-21	8-5-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	102	71-130				
Laboratory ID:	MB0806S1					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-6-21	8-6-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-6-21	8-6-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-6-21	8-6-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-6-21	8-6-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-6-21	8-6-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	101	71-130				



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# VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Reco	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB08	05S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0521	0.0489	0.0500	0.0500	104	98	71-131	6	19	
Benzene	0.0472	0.0454	0.0500	0.0500	94	91	73-124	4	18	
Trichloroethene	0.0468	0.0433	0.0500	0.0500	94	87	79-130	8	18	
Toluene	0.0450	0.0430	0.0500	0.0500	90	86	76-123	5	18	
Chlorobenzene	0.0444	0.0428	0.0500	0.0500	89	86	78-122	4	18	
Surrogate:										
Dibromofluoromethane					112	111	74-131			
Toluene-d8					109	108	78-128			
4-Bromofluorobenzene					102	101	71-130			
Laboratory ID:	SB08	06S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0551	0.0484	0.0500	0.0500	110	97	71-131	13	19	
Benzene	0.0499	0.0463	0.0500	0.0500	100	93	73-124	7	18	
Trichloroethene	0.0467	0.0444	0.0500	0.0500	93	89	79-130	5	18	
Toluene	0.0448	0.0418	0.0500	0.0500	90	84	76-123	7	18	
Chlorobenzene	0.0446	0.0426	0.0500	0.0500	89	85	78-122	5	18	
Surrogate:										
Dibromofluoromethane					113	111	74-131			
Toluene-d8					106	104	78-128			
4-Bromofluorobenzene					101	101	71-130			



Date of Report: August 9, 2021 Samples Submitted: August 3, 2021 Laboratory Reference: 2108-027 Project: 691-023

# % MOISTURE

Client ID	Lah ID	% Majatura	Date
		% WOISture	Analyzeu
FMW-13-45.0	08-027-01	6	8-6-21
FMW-13-50.0	08-027-02	6	8-6-21
FMW-13-55.0	08-027-03	6	8-6-21
FMW-13-60.0	08-027-04	6	8-6-21
FMW-13-65.0	08-027-05	6	8-6-21
FMW-13-70.0	08-027-06	7	8-6-21
FMW-13-75.0	08-027-07	10	8-6-21
FMW-13-80.0	08-027-08	8	8-6-21
FMW-13-85.0	08-027-09	8	8-6-21
FMW-13-90.0	08-027-10	6	8-6-21
FMW-13-95.0	08-027-11	9	8-6-21
FMW-13-100.0	08-027-12	7	8-6-21
FMW-13-105.0	08-027-13	7	8-6-21
FMW-13-110.0	08-027-14	8	8-6-21
FMW-13-115.0	08-027-15	11	8-6-21



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### **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.

Ζ-

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



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Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished angle mon	Signature	10 FMW -13-90-0	9 FMW-13-85.0	8 FMW-13-80.0	7 FMW-13-75.0	6 FMW-13-11 70.0	S FMW-13-65-0	4 FMW-13-60-0	3 FMW-13-55.0	2 FMW-13-50.0	1 FMW-13-45.0	Lab ID Sample Identification	Sampled by: Grea Peteres	Asgan Schumacher	Main Street Place	691-023	Fasallon (Marilling	Analytical Laboratory leating Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Environmental Inc.
Reviewed/Date					J CONE	farallor	Company	1 145 1	105	1100	1046	0950	0945	0920	0190	8-3-21 0900	8-3-21 0837 Stil I	Date Time Sampled Sampled Matrix	(other)		Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(in working days) (Check One)	Chain of
				Ì	mers	8/3/21	Date											NWTF NWTF NWTF	PH-HCIE PH-Gx/B PH-Gx PH-Gx ([	) TEX	/ SG C	lean-up	)	Laboratory	Custody
					1202	1762	Time	×	×	×	×	×	×	X	×	×	×	Volatil Halog EDB E	enated N EPA 801	D /olatile: 1 (Wate	s 82600 ers Only	) <b>Sh</b>	urd lis	Number:	
Chromatograms with final report	Data Package: Standard 🛛 Level III 🗋 Level IV 🗌				Vingt chloride.	Shut list : PCE, TCE, Cis-Itrans-DCE?	Comments/Special Instructions											Semivi (with I PAHs PCBs Organ Organ Chlori Total I Total I TOtal I HEM (	olatiles ow-leve 8270E/S 8082A ochlorin ophospl nated Ar RCRA M MTCA M Mtals oil and s sture	8270E. I PAHs) SIM (Iov horus F cid Her etals etals grease)	/SIM w-level) icides 8 Pesticid bicides	081B es 827( 8151A	DE/SIM	08-027	Page 1 of 2

Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished analign	Signature		15 FMW-13-115.0	14 FMW- 13 110.0	13 FMW-13-105.0	12 FMW-13-100-0	11 FMW-13-95.0	Lab ID Sample Identification	Sampley by: J. Potens	hogen Schuumacheer	Mayn Street Place	691-023	Company: A concellorn (innshilting	14648 NE 95th Street - Hedmond, WA 98052 Phone: (425) 883-3881 - www.onsite-env.com	Analytical Laboratory Testing Services	Environmental Inc.
Reviewed/Date					D ONE	, foullon	Company		1 1350 1	1345	1230	8-3-21 1220	8-3-2/1210 Soil	Date Time Sampled Sampled Matrix	(other)	]	Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(Check One)	Turnaround Request	Chain o
					MI MEB	COLI 18/8/8	Date Time		X	X	×	X	<u>V</u>	NUME NWTF NWTF NWTF NWTF Volatil Halog	er of C H-HCII H-Gx/E H-Gx H-Dx () es 8260 enated	Ontain D BTEX D Acid D Volatile	ers 1 / SG C 25 82600	lean-up	») +{(3+		Laboratory Numb	f Custody
Chromatograms with final report	Data Package: Standard 🛛 Level III 🗍 Level IV 🗌				12 See for I	2 0000 1	Comments/Special Instructions							EDB E Semiv (with I PAHs PCBs Organ Organ Chlori Total f Total f Total f TCLP	PA 801 olatiles ow-leve 8270E/ 8082A ochlorin ophosp nated A RCRA M MTCA M Metals oil and	1 (Wat 8270E 81 PAHs SIM (Io horus I horus I horus I tetals grease	ers Only /SIM ;) w-level) ticides 8 Pesticid rbicides	0081B es 8270 8151A	DE/SIM		ng - 0 2 7	Page 2 of
bles (EDDs)									E				8	% Moi	sture							2



August 16, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-051

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 4, 2021.

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: August 16, 2021 Samples Submitted: August 4, 2021 Laboratory Reference: 2108-051 Project: 691-023

### **Case Narrative**

Samples were collected on August 4, 2021 and received by the laboratory on August 4, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



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# GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Soil Units: mg/kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-9-5.0					
Laboratory ID:	08-051-01					
Gasoline	ND	5.4	NWTPH-Gx	8-6-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	100	66-129				
Client ID:	FB-9-10.0					
Laboratory ID:	08-051-02					
Gasoline	ND	5.1	NWTPH-Gx	8-6-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	98	66-129				
Client ID:	FB-9-15.0					
Laboratory ID:	08-051-03					
Gasoline	ND	5.5	NWTPH-Gx	8-6-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	96	66-129				
Client ID:	FB-10-5.0					
Laboratory ID:	08-051-04					
Gasoline	ND	4.5	NWTPH-Gx	8-6-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	91	66-129				
Client ID:	FB-10-10.0					
Laboratory ID:	08-051-05					
Gasoline	ND	5.1	NWTPH-Gx	8-6-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	97	66-129				
Client ID:	FB-10-14.0					
Laboratory ID:	08-051-06					
Gasoline	ND	4.4	NWTPH-Gx	8-6-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	99	66-129				
Client ID:	FB-11-5.0					
Laboratory ID:	08-051-07					
Gasoline	ND	5.5	NWTPH-Gx	8-6-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	97	66-129				



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# GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Soil Units: mg/kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-11-10.0					
Laboratory ID:	08-051-08					
Gasoline	ND	5.1	NWTPH-Gx	8-6-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	96	66-129				
Client ID:	FB-11-14.0					
Laboratory ID:	08-051-09					
Gasoline	ND	4.7	NWTPH-Gx	8-6-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	97	66-129				
Client ID:	FB-12-5.0					
Laboratory ID:	08-051-10					
Gasoline	ND	5.0	NWTPH-Gx	8-6-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	100	66-129				
Client ID:	FB-12-10.0					
Laboratory ID:	08-051-11					
Gasoline	ND	5.5	NWTPH-Gx	8-6-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	95	66-129				
Client ID:	FB-12-15.0					
Laboratory ID:	08-051-12					
Gasoline	ND	4.4	NWTPH-Gx	8-6-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	95	66-129				
Client ID:	FB-12-18.0					
Laboratory ID:	08-051-13					
Gasoline	ND	4.8	NWTPH-Gx	8-6-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	93	66-129				
Client ID:	FB-13-5.0					
Laboratory ID:	08-051-14					
Gasoline	ND	4.9	NWTPH-Gx	8-6-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	97	66-129				



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# GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Soil Units: mg/kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-13-10.0					
Laboratory ID:	08-051-15					
Gasoline	ND	5.2	NWTPH-Gx	8-6-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	94	66-129				
Client ID:	FB-13-13.5					
Laboratory ID:	08-051-16					
Gasoline	ND	4.4	NWTPH-Gx	8-6-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	99	66-129				
Client ID:	FB-14-5.0					
Laboratory ID:	08-051-17					
Gasoline	ND	4.6	NWTPH-Gx	8-6-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	99	66-129				
Client ID:	FB-14-10.0					
Laboratory ID:	08-051-18					
Gasoline	ND	5.0	NWTPH-Gx	8-6-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	96	66-129				
Client ID:	FB-14-12.0					
Laboratory ID:	08-051-19					
Gasoline	ND	4.5	NWTPH-Gx	8-6-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	102	66-129				
Client ID:	FB-15-5.0					
Laboratory ID:	08-051-20					
Gasoline	ND	4.7	NWTPH-Gx	8-6-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	91	66-129				
Client ID:	FB-15-10.0					
Laboratory ID:	08-051-21					
Gasoline	ND	4.9	NWTPH-Gx	8-6-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	90	66-129				



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# GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Soil Units: mg/kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-15-12.0					
Laboratory ID:	08-051-22					
Gasoline	ND	5.3	NWTPH-Gx	8-6-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	101	66-129				
Client ID:	FB-16-5.0					
Laboratory ID:	08-051-23					
Gasoline	ND	4.9	NWTPH-Gx	8-6-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	88	66-129				
Client ID:	FB-16-10.0					
Laboratory ID:	08-051-24					
Gasoline	ND	5.0	NWTPH-Gx	8-6-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	101	66-129				



### GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Soil Units: mg/kg (ppm)

Analvte		Result		PQL	Me	ethod		Date Prepared	Date Analvz	ed	Flags
METHOD BLANK									<b>j</b>		
Laboratory ID:		MB0806S1									
Gasoline		ND		5.0	NW	ГРН-Gx		8-6-21	8-9-2	1	
Surrogate:	Pe	rcent Recove	ery Co	ntrol Limit	s						
Fluorobenzene		97		66-129							
Laboratory ID:		MB0806S2									
Gasoline		ND		5.0	NW	ГРН-Gx		8-6-21	8-9-2	1	
Surrogate:	Per	rcent Recove	ery Co	ntrol Limit	s						
Fluorobenzene		96		66-129							
Laboratory ID:		MB0806S3									
Gasoline		ND		5.0	NW	ГРН-Gx		8-6-21	8-9-2	1	
Surrogate:	Per	rcent Recove	ery Co	ntrol Limit	s						
Fluorobenzene		97		66-129							
					Source	Perc	ent	Recovery		RPD	
Analyte	Res	sult	Spik	e Level	Result	Reco	very	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	08-05	51-01									
	ORIG	DUP									
Gasoline	ND	ND	NA	NA		NA	4	NA	NA	30	
Surrogate: Fluorobenzene						100	99	66-129			
Laboratory ID:	08-04	51-02									
Laboratory ID.											
Gasoline			NA	NA		NA	7	NA	NA	30	
Surrogate:			1.07.1	100					1003	00	
Fluorobenzene						98	98	66-129			
Laboratory ID:	08-07	71-01									
	ORIG	DUP									
Gasoline	ND	ND	NA	NA		NA	1	NA	NA	30	



Surrogate: Fluorobenzene

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96

96

66-129

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-9-5.0					
Laboratory ID:	08-051-01					
Diesel Range Organics	ND	28	NWTPH-Dx	8-10-21	8-15-21	
Lube Oil Range Organics	ND	55	NWTPH-Dx	8-10-21	8-15-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	108	50-150				
Client ID:	FB-9-10.0					
Laboratory ID:	08-051-02					
Diesel Fuel #2	270	26	NWTPH-Dx	8-10-21	8-14-21	
Lube Oil	770	52	NWTPH-Dx	8-10-21	8-14-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	103	50-150				
Client ID:	FB-9-15.0					
Laboratory ID:	08-051-03					
Diesel Range Organics	ND	27	NWTPH-Dx	8-10-21	8-13-21	
Lube Oil Range Organics	ND	54	NWTPH-Dx	8-10-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	109	50-150				
Client ID:	FB-10-5.0					
Laboratory ID:	08-051-04					
Diesel Range Organics	ND	26	NWTPH-Dx	8-10-21	8-13-21	
Lube Oil	120	52	NWTPH-Dx	8-10-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	104	50-150				
	FB-10-10.0					
	08-051-05	07		0.40.04	0.40.04	
	ND 140	21		8-10-21	8-13-21	
	140 Deveent Decevery	04	NVVIPH-DX	0-10-21	0-13-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyi	110	50-150				
Client ID:	FB-10-14.0					
Laboratory ID:	08-051-06					
Diesel Range Organics	ND	27		8-10-21	8-13-21	
Lube Oil Range Organics	ND	55	NWTPH-Dx	8-10-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits		0.021	0.021	
o-Terphenvl	<u>99</u>	50-150				
		•••				



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Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-11-5.0					
Laboratory ID:	08-051-07					
Diesel Range Organics	ND	27	NWTPH-Dx	8-10-21	8-13-21	
Lube Oil Range Organics	ND	54	NWTPH-Dx	8-10-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	99	50-150				
Client ID:	FB-11-10.0					
Laboratory ID:	08-051-08					
Diesel Range Organics	ND	27	NWTPH-Dx	8-10-21	8-13-21	
Lube Oil Range Organics	ND	55	NWTPH-Dx	8-10-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	98	50-150				
	FB-11-14.0					
Laboratory ID:	08-051-09	07		0.40.04	0.40.04	
Diesel Range Organics	ND	27	NWTPH-Dx	8-10-21	8-13-21	
Lube Oil Range Organics		55	NWTPH-DX	8-10-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyi	99	50-150				
Client ID:	FB-12-5 0					
Laboratory ID.	08-051-10					
Diesel Range Organics		27	NWTPH-Dx	8-10-21	8-10-21	
Lube Oil Range Organics	250	54	NWTPH-Dx	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits		0.02.	0.021	
o-Terphenvl	114	50-150				
Client ID:	FB-12-10.0					
Laboratory ID:	08-051-11					
Diesel Range Organics	ND	27	NWTPH-Dx	8-10-21	8-13-21	
Lube Oil Range Organics	ND	55	NWTPH-Dx	8-10-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	104	50-150				
Client ID:	FB-12-15.0					
Laboratory ID:	08-051-12					
Diesel Range Organics	ND	27	NWTPH-Dx	8-10-21	8-13-21	
Lube Oil Range Organics	ND	54	NWTPH-Dx	8-10-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	116	50-150				



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Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-12-18.0					
Laboratory ID:	08-051-13					
Diesel Range Organics	ND	27	NWTPH-Dx	8-10-21	8-13-21	
Lube Oil Range Organics	ND	55	NWTPH-Dx	8-10-21	8-13-21	
Surrogate:	Percent Recoverv	Control Limits				
o-Terphenvl	104	50-150				
e reipileliji						
Client ID:	FB-13-5.0					
Laboratory ID:	08-051-14					
Diesel Range Organics	ND	28	NWTPH-Dx	8-10-21	8-13-21	
Lube Oil Range Organics	ND	55	NWTPH-Dx	8-10-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	105	50-150				
e reipileliji	,00					
Client ID:	FB-13-10.0					
Laboratory ID:	08-051-15					
Diesel Range Organics	ND	27	NWTPH-Dx	8-10-21	8-13-21	
Lube Oil Range Organics	ND	55	NWTPH-Dx	8-10-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenvl	119	50-150				
, ,						
Client ID:	FB-13-13.5					
Laboratory ID:	08-051-16					
Diesel Range Organics	ND	28	NWTPH-Dx	8-10-21	8-13-21	
Lube Oil Range Organics	ND	55	NWTPH-Dx	8-10-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	98	50-150				
Client ID:	FB-14-5.0					
Laboratory ID:	08-051-17					
Diesel Range Organics	ND	27	NWTPH-Dx	8-10-21	8-13-21	
Lube Oil Range Organics	ND	55	NWTPH-Dx	8-10-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	113	50-150				
Client ID:	FB-14-10.0					
Laboratory ID:	08-051-18					
Diesel Range Organics	ND	27	NWTPH-Dx	8-10-21	8-13-21	
Lube Oil Range Organics	ND	54	NWTPH-Dx	8-10-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	93	50-150				



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Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-14-12.0					
Laboratory ID:	08-051-19					
Diesel Range Organics	ND	28	NWTPH-Dx	8-10-21	8-13-21	
Lube Oil Range Organics	ND	56	NWTPH-Dx	8-10-21	8-13-21	
Surrogate:	Percent Recoverv	Control Limits				
o-Terphenvl	109	50-150				
Client ID:	FB-15-5.0					
Laboratory ID:	08-051-20					
Diesel Range Organics	ND	27	NWTPH-Dx	8-10-21	8-13-21	
Lube Oil Range Organics	ND	54	NWTPH-Dx	8-10-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	118	50-150				
Client ID:	FB-15-10.0					
Laboratory ID:	08-051-21					
Diesel Range Organics	ND	27	NWTPH-Dx	8-10-21	8-14-21	
Lube Oil Range Organics	ND	54	NWTPH-Dx	8-10-21	8-14-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	114	50-150				
Client ID:	FB-15-12.0					
Laboratory ID:	08-051-22					
Diesel Range Organics	ND	28	NWTPH-Dx	8-10-21	8-13-21	
Lube Oil Range Organics	ND	57	NWTPH-Dx	8-10-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	107	50-150				
Client ID:	FB-16-5.0					
Laboratory ID:	08-051-23					
Diesel Range Organics	ND	25	NWTPH-Dx	8-10-21	8-13-21	
Lube Oil Range Organics	ND	51	NWTPH-Dx	8-10-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
o-lerphenyl	111	50-150				
	CO 051 04					
	00-031-24	00		0.40.04	0.40.04	
	38 400	28		8-10-21	8-13-21	
	190	dc	INVVIPH-DX	ŏ-10-21	ŏ-13-21	
Surrogate:	Percent Recovery	Control Limits				
o- i erpnenyi	118	50-150				



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#### DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Soil Units: mg/Kg (ppm)

							D	ate	Date		
Analyte		Result	PC	ΣL	Meth	od	Pre	pared	Analyzed	Fla	igs
METHOD BLANK											
Laboratory ID:	ME	30810S2									
Diesel Range Organics		ND	2	5	NWTPH	H-Dx	8-1	0-21	8-10-21		
Lube Oil Range Organics		ND	5	0	NWTPH	H-Dx	8-1	0-21	8-10-21		
Surrogate:	Perce	nt Recovery	Contro	l Limits							
o-Terphenyl		111	50-	150							
Laboratory ID:	ME	30810S3									
Diesel Range Organics		ND	2	5	NWTPH	H-Dx	8-1	0-21	8-13-21		
Lube Oil Range Organics		ND	5	0	NWTPH	H-Dx	8-1	0-21	8-13-21		
Surrogate:	Perce	nt Recovery	Contro	l Limits							
o-Terphenyl		122	50-	150							
					•	-		-			
Amelia	<b>D</b> .	14	0		Source	Perc	ent	Recovery		RPD	<b>F</b> 1
Analyte	Re	suit	Бріке	Level	Result	Reco	very	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	08-0	51-01									
	ORIG	DUP									
Diesel Range	ND	ND	NA	NA		NA	4	NA	NA	NA	
Lube Oil Range	ND	ND	NA	NA		NA	4	NA	NA	NA	
Surrogate:											
o-Terphenyl						108	104	50-150			
Laboratory ID:	08-0	51-10									
	ORIG	DUP									
Diesel Range	ND	ND	NA	NA		NA	4	NA	NA	NA	
Lube Oil Range Organics	234	162	NA	NA		NA	4	NA	36	NA	
Surrogate:											
o-Terphenyl						114	81	50-150			
Laboratory ID:	08-0	51-21									
<b>,</b>	ORIG	DUP									
Diesel Range	ND	ND	NA	NA		NA	4	NA	NA	NA	
Lube Oil Range	ND	ND	NA	NA		NA	4	NA	NA	NA	
Surrogate:											
o-Terphenyl						114	116	50-150			

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-9-5.0					
Laboratory ID:	08-051-01					
Vinyl Chloride	ND	0.00093	EPA 8260D	8-9-21	8-9-21	
(trans) 1,2-Dichloroethene	ND	0.00093	EPA 8260D	8-9-21	8-9-21	
(cis) 1,2-Dichloroethene	ND	0.00093	EPA 8260D	8-9-21	8-9-21	
Benzene	ND	0.00093	EPA 8260D	8-9-21	8-9-21	
Trichloroethene	ND	0.00093	EPA 8260D	8-9-21	8-9-21	
Toluene	ND	0.0046	EPA 8260D	8-9-21	8-9-21	
Tetrachloroethene	0.012	0.00093	EPA 8260D	8-9-21	8-9-21	
Ethylbenzene	ND	0.00093	EPA 8260D	8-9-21	8-9-21	
m,p-Xylene	ND	0.0019	EPA 8260D	8-9-21	8-9-21	
o-Xylene	ND	0.00093	EPA 8260D	8-9-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	108	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FB-9-10.0					
Laboratory ID:	08-051-02					
Vinyl Chloride	ND	0.0011	EPA 8260D	8-9-21	8-9-21	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-9-21	8-9-21	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-9-21	8-9-21	
Benzene	ND	0.0011	EPA 8260D	8-9-21	8-9-21	
Trichloroethene	ND	0.0011	EPA 8260D	8-9-21	8-9-21	
Toluene	ND	0.0056	EPA 8260D	8-9-21	8-9-21	
Tetrachloroethene	0.054	0.0011	EPA 8260D	8-9-21	8-9-21	
Ethylbenzene	ND	0.0011	EPA 8260D	8-9-21	8-9-21	
m,p-Xylene	ND	0.0023	EPA 8260D	8-9-21	8-9-21	
o-Xylene	0.0018	0.0011	EPA 8260D	8-9-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	104	78-128				
4-Bromofluorobenzene	99	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-9-15.0					
Laboratory ID:	08-051-03					
Vinyl Chloride	ND	0.0011	EPA 8260D	8-9-21	8-9-21	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-9-21	8-9-21	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-9-21	8-9-21	
Benzene	ND	0.0011	EPA 8260D	8-9-21	8-9-21	
Trichloroethene	ND	0.0011	EPA 8260D	8-9-21	8-9-21	
Toluene	ND	0.0054	EPA 8260D	8-9-21	8-9-21	
Tetrachloroethene	0.019	0.0011	EPA 8260D	8-9-21	8-9-21	
Ethylbenzene	ND	0.0011	EPA 8260D	8-9-21	8-9-21	
m,p-Xylene	ND	0.0022	EPA 8260D	8-9-21	8-9-21	
o-Xylene	ND	0.0011	EPA 8260D	8-9-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	119	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FB-10-5.0					
Laboratory ID:	08-051-04					
Vinyl Chloride	ND	0.00075	EPA 8260D	8-9-21	8-9-21	
(trans) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	8-9-21	8-9-21	
(cis) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	8-9-21	8-9-21	
Benzene	ND	0.00075	EPA 8260D	8-9-21	8-9-21	
Trichloroethene	ND	0.00075	EPA 8260D	8-9-21	8-9-21	
Toluene	ND	0.0037	EPA 8260D	8-9-21	8-9-21	
Tetrachloroethene	0.0013	0.00075	EPA 8260D	8-9-21	8-9-21	
Ethylbenzene	ND	0.00075	EPA 8260D	8-9-21	8-9-21	
m,p-Xylene	ND	0.0015	EPA 8260D	8-9-21	8-9-21	
o-Xylene	ND	0.00075	EPA 8260D	8-9-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	115	74-131				
Toluene-d8	110	78-128				
4-Bromofluorobenzene	100	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-10-10.0					
Laboratory ID:	08-051-05					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-9-21	8-9-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-9-21	8-9-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-9-21	8-9-21	
Benzene	ND	0.0010	EPA 8260D	8-9-21	8-9-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-9-21	8-9-21	
Toluene	ND	0.0050	EPA 8260D	8-9-21	8-9-21	
Tetrachloroethene	0.0036	0.0010	EPA 8260D	8-9-21	8-9-21	
Ethylbenzene	ND	0.0010	EPA 8260D	8-9-21	8-9-21	
m,p-Xylene	ND	0.0020	EPA 8260D	8-9-21	8-9-21	
o-Xylene	ND	0.0010	EPA 8260D	8-9-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	115	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	97	71-130				

Client ID:	FB-10-14.0					
Laboratory ID:	08-051-06					
Vinyl Chloride	ND	0.00085	EPA 8260D	8-9-21	8-9-21	
(trans) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-9-21	8-9-21	
(cis) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-9-21	8-9-21	
Benzene	ND	0.00085	EPA 8260D	8-9-21	8-9-21	
Trichloroethene	ND	0.00085	EPA 8260D	8-9-21	8-9-21	
Toluene	ND	0.0043	EPA 8260D	8-9-21	8-9-21	
Tetrachloroethene	0.0020	0.00085	EPA 8260D	8-9-21	8-9-21	
Ethylbenzene	ND	0.00085	EPA 8260D	8-9-21	8-9-21	
m,p-Xylene	ND	0.0017	EPA 8260D	8-9-21	8-9-21	
o-Xylene	ND	0.00085	EPA 8260D	8-9-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	115	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	100	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-11-5.0					
Laboratory ID:	08-051-07					
Vinyl Chloride	ND	0.00094	EPA 8260D	8-9-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00094	EPA 8260D	8-9-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00094	EPA 8260D	8-9-21	8-10-21	
Benzene	ND	0.00094	EPA 8260D	8-9-21	8-10-21	
Trichloroethene	ND	0.00094	EPA 8260D	8-9-21	8-10-21	
Toluene	ND	0.0047	EPA 8260D	8-9-21	8-10-21	
Tetrachloroethene	ND	0.00094	EPA 8260D	8-9-21	8-10-21	
Ethylbenzene	ND	0.00094	EPA 8260D	8-9-21	8-10-21	
m,p-Xylene	ND	0.0019	EPA 8260D	8-9-21	8-10-21	
o-Xylene	ND	0.00094	EPA 8260D	8-9-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	115	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FB-11-10.0					
Laboratory ID:	08-051-08					
Vinyl Chloride	ND	0.00084	EPA 8260D	8-9-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00084	EPA 8260D	8-9-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00084	EPA 8260D	8-9-21	8-10-21	
Benzene	ND	0.00084	EPA 8260D	8-9-21	8-10-21	
Trichloroethene	ND	0.00084	EPA 8260D	8-9-21	8-10-21	
Toluene	ND	0.0042	EPA 8260D	8-9-21	8-10-21	
Tetrachloroethene	ND	0.00084	EPA 8260D	8-9-21	8-10-21	
Ethylbenzene	ND	0.00084	EPA 8260D	8-9-21	8-10-21	
m,p-Xylene	ND	0.0017	EPA 8260D	8-9-21	8-10-21	
o-Xylene	ND	0.00084	EPA 8260D	8-9-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	116	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	101	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-11-14.0					
Laboratory ID:	08-051-09					
Vinyl Chloride	ND	0.00082	EPA 8260D	8-9-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-9-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-9-21	8-10-21	
Benzene	ND	0.00082	EPA 8260D	8-9-21	8-10-21	
Trichloroethene	ND	0.00082	EPA 8260D	8-9-21	8-10-21	
Toluene	ND	0.0041	EPA 8260D	8-9-21	8-10-21	
Tetrachloroethene	ND	0.00082	EPA 8260D	8-9-21	8-10-21	
Ethylbenzene	ND	0.00082	EPA 8260D	8-9-21	8-10-21	
m,p-Xylene	ND	0.0016	EPA 8260D	8-9-21	8-10-21	
o-Xylene	ND	0.00082	EPA 8260D	8-9-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	101	71-130				

Client ID:	FB-12-5.0					
Laboratory ID:	08-051-10					
Vinyl Chloride	ND	0.00085	EPA 8260D	8-9-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-9-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-9-21	8-10-21	
Benzene	ND	0.00085	EPA 8260D	8-9-21	8-10-21	
Trichloroethene	ND	0.00085	EPA 8260D	8-9-21	8-10-21	
Toluene	ND	0.0043	EPA 8260D	8-9-21	8-10-21	
Tetrachloroethene	ND	0.00085	EPA 8260D	8-9-21	8-10-21	
Ethylbenzene	ND	0.00085	EPA 8260D	8-9-21	8-10-21	
m,p-Xylene	ND	0.0017	EPA 8260D	8-9-21	8-10-21	
o-Xylene	ND	0.00085	EPA 8260D	8-9-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	100	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-12-10.0					
Laboratory ID:	08-051-11					
Vinyl Chloride	ND	0.00088	EPA 8260D	8-9-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-9-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-9-21	8-10-21	
Benzene	ND	0.00088	EPA 8260D	8-9-21	8-10-21	
Trichloroethene	ND	0.00088	EPA 8260D	8-9-21	8-10-21	
Toluene	ND	0.0044	EPA 8260D	8-9-21	8-10-21	
Tetrachloroethene	ND	0.00088	EPA 8260D	8-9-21	8-10-21	
Ethylbenzene	ND	0.00088	EPA 8260D	8-9-21	8-10-21	
m,p-Xylene	ND	0.0018	EPA 8260D	8-9-21	8-10-21	
o-Xylene	ND	0.00088	EPA 8260D	8-9-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	102	71-130				

Client ID:	FB-12-15.0					
Laboratory ID:	08-051-12					
Vinyl Chloride	ND	0.00088	EPA 8260D	8-9-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-9-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-9-21	8-10-21	
Benzene	ND	0.00088	EPA 8260D	8-9-21	8-10-21	
Trichloroethene	ND	0.00088	EPA 8260D	8-9-21	8-10-21	
Toluene	ND	0.0044	EPA 8260D	8-9-21	8-10-21	
Tetrachloroethene	ND	0.00088	EPA 8260D	8-9-21	8-10-21	
Ethylbenzene	ND	0.00088	EPA 8260D	8-9-21	8-10-21	
m,p-Xylene	ND	0.0018	EPA 8260D	8-9-21	8-10-21	
o-Xylene	ND	0.00088	EPA 8260D	8-9-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	117	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	101	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-12-18.0					
Laboratory ID:	08-051-13					
Vinyl Chloride	ND	0.00081	EPA 8260D	8-9-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00081	EPA 8260D	8-9-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00081	EPA 8260D	8-9-21	8-10-21	
Benzene	ND	0.00081	EPA 8260D	8-9-21	8-10-21	
Trichloroethene	ND	0.00081	EPA 8260D	8-9-21	8-10-21	
Toluene	ND	0.0041	EPA 8260D	8-9-21	8-10-21	
Tetrachloroethene	ND	0.00081	EPA 8260D	8-9-21	8-10-21	
Ethylbenzene	ND	0.00081	EPA 8260D	8-9-21	8-10-21	
m,p-Xylene	ND	0.0016	EPA 8260D	8-9-21	8-10-21	
o-Xylene	ND	0.00081	EPA 8260D	8-9-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	115	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	101	71-130				

Client ID:	FB-13-5.0					
Laboratory ID:	08-051-14					
Vinyl Chloride	ND	0.00085	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-10-21	8-10-21	
Benzene	ND	0.00085	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.00085	EPA 8260D	8-10-21	8-10-21	
Toluene	ND	0.0043	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	ND	0.00085	EPA 8260D	8-10-21	8-10-21	
Ethylbenzene	ND	0.00085	EPA 8260D	8-10-21	8-10-21	
m,p-Xylene	ND	0.0017	EPA 8260D	8-10-21	8-10-21	
o-Xylene	ND	0.00085	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	101	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-13-10.0					
Laboratory ID:	08-051-15					
Vinyl Chloride	ND	0.00093	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00093	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00093	EPA 8260D	8-10-21	8-10-21	
Benzene	ND	0.00093	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.00093	EPA 8260D	8-10-21	8-10-21	
Toluene	ND	0.0047	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	ND	0.00093	EPA 8260D	8-10-21	8-10-21	
Ethylbenzene	ND	0.00093	EPA 8260D	8-10-21	8-10-21	
m,p-Xylene	ND	0.0019	EPA 8260D	8-10-21	8-10-21	
o-Xylene	ND	0.00093	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	116	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FB-13-13.5					
Laboratory ID:	08-051-16					
Vinyl Chloride	ND	0.00086	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00086	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00086	EPA 8260D	8-10-21	8-10-21	
Benzene	ND	0.00086	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.00086	EPA 8260D	8-10-21	8-10-21	
Toluene	ND	0.0043	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	ND	0.00086	EPA 8260D	8-10-21	8-10-21	
Ethylbenzene	ND	0.00086	EPA 8260D	8-10-21	8-10-21	
m,p-Xylene	ND	0.0017	EPA 8260D	8-10-21	8-10-21	
o-Xylene	ND	0.00086	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	116	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	101	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-14-5.0					
Laboratory ID:	08-051-17					
Vinyl Chloride	ND	0.00090	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00090	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00090	EPA 8260D	8-10-21	8-10-21	
Benzene	ND	0.00090	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.00090	EPA 8260D	8-10-21	8-10-21	
Toluene	ND	0.0045	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	ND	0.00090	EPA 8260D	8-10-21	8-10-21	
Ethylbenzene	ND	0.00090	EPA 8260D	8-10-21	8-10-21	
m,p-Xylene	ND	0.0018	EPA 8260D	8-10-21	8-10-21	
o-Xylene	ND	0.00090	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	115	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	102	71-130				

Client ID:	FB-14-10.0					
Laboratory ID:	08-051-18					
Vinyl Chloride	ND	0.00084	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00084	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00084	EPA 8260D	8-10-21	8-10-21	
Benzene	ND	0.00084	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.00084	EPA 8260D	8-10-21	8-10-21	
Toluene	ND	0.0042	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	ND	0.00084	EPA 8260D	8-10-21	8-10-21	
Ethylbenzene	ND	0.00084	EPA 8260D	8-10-21	8-10-21	
m,p-Xylene	ND	0.0017	EPA 8260D	8-10-21	8-10-21	
o-Xylene	ND	0.00084	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	117	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	102	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-14-12.0					
Laboratory ID:	08-051-19					
Vinyl Chloride	ND	0.00088	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-10-21	8-10-21	
Benzene	ND	0.00088	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.00088	EPA 8260D	8-10-21	8-10-21	
Toluene	ND	0.0044	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	ND	0.00088	EPA 8260D	8-10-21	8-10-21	
Ethylbenzene	ND	0.00088	EPA 8260D	8-10-21	8-10-21	
m,p-Xylene	ND	0.0018	EPA 8260D	8-10-21	8-10-21	
o-Xylene	ND	0.00088	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	74-131				
Toluene-d8	105	78-128				
4-Bromofluorobenzene	103	71-130				

Client ID:	FB-15-5.0					
Laboratory ID:	08-051-20					
Vinyl Chloride	ND	0.00093	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00093	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00093	EPA 8260D	8-10-21	8-10-21	
Benzene	ND	0.00093	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.00093	EPA 8260D	8-10-21	8-10-21	
Toluene	ND	0.0047	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	ND	0.00093	EPA 8260D	8-10-21	8-10-21	
Ethylbenzene	ND	0.00093	EPA 8260D	8-10-21	8-10-21	
m,p-Xylene	ND	0.0019	EPA 8260D	8-10-21	8-10-21	
o-Xylene	ND	0.00093	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	101	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-15-10.0					
Laboratory ID:	08-051-21					
Vinyl Chloride	ND	0.00093	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00093	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00093	EPA 8260D	8-10-21	8-10-21	
Benzene	ND	0.00093	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.00093	EPA 8260D	8-10-21	8-10-21	
Toluene	ND	0.0047	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	ND	0.00093	EPA 8260D	8-10-21	8-10-21	
Ethylbenzene	ND	0.00093	EPA 8260D	8-10-21	8-10-21	
m,p-Xylene	ND	0.0019	EPA 8260D	8-10-21	8-10-21	
o-Xylene	ND	0.00093	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	101	71-130				

Client ID:	FB-15-12.0					
Laboratory ID:	08-051-22					
Vinyl Chloride	ND	0.00087	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-10-21	8-10-21	
Benzene	ND	0.00087	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.00087	EPA 8260D	8-10-21	8-10-21	
Toluene	ND	0.0043	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	ND	0.00087	EPA 8260D	8-10-21	8-10-21	
Ethylbenzene	ND	0.00087	EPA 8260D	8-10-21	8-10-21	
m,p-Xylene	ND	0.0017	EPA 8260D	8-10-21	8-10-21	
o-Xylene	ND	0.00087	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	110	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	102	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-16-5.0					
Laboratory ID:	08-051-23					
Vinyl Chloride	ND	0.0012	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	8-10-21	8-10-21	
Benzene	ND	0.0012	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.0012	EPA 8260D	8-10-21	8-10-21	
Toluene	ND	0.0062	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	ND	0.0012	EPA 8260D	8-10-21	8-10-21	
Ethylbenzene	ND	0.0012	EPA 8260D	8-10-21	8-10-21	
m,p-Xylene	ND	0.0025	EPA 8260D	8-10-21	8-10-21	
o-Xylene	ND	0.0012	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FB-16-10.0					
Laboratory ID:	08-051-24					
Vinyl Chloride	ND	0.00087	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-10-21	8-10-21	
Benzene	ND	0.00087	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.00087	EPA 8260D	8-10-21	8-10-21	
Toluene	ND	0.0044	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	ND	0.00087	EPA 8260D	8-10-21	8-10-21	
Ethylbenzene	ND	0.00087	EPA 8260D	8-10-21	8-10-21	
m,p-Xylene	ND	0.0017	EPA 8260D	8-10-21	8-10-21	
o-Xylene	ND	0.00087	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	99	71-130				



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# VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0809S1					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-9-21	8-9-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-9-21	8-9-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-9-21	8-9-21	
Benzene	ND	0.0010	EPA 8260D	8-9-21	8-9-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-9-21	8-9-21	
Toluene	ND	0.0050	EPA 8260D	8-9-21	8-9-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-9-21	8-9-21	
Ethylbenzene	ND	0.0010	EPA 8260D	8-9-21	8-9-21	
m,p-Xylene	ND	0.0020	EPA 8260D	8-9-21	8-9-21	
o-Xylene	ND	0.0010	EPA 8260D	8-9-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	100	71-130				
Laboratory ID:	MB0810S1					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-10-21	8-10-21	
Benzene	ND	0.0010	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-10-21	8-10-21	
Toluene	ND	0.0050	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-10-21	8-10-21	
Ethylbenzene	ND	0.0010	EPA 8260D	8-10-21	8-10-21	
m,p-Xylene	ND	0.0020	EPA 8260D	8-10-21	8-10-21	
o-Xylene	ND	0.0010	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	116	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	102	71-130				



# VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

						Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	F	leco	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB08	09S1									
	SB	SBD	SB	SBD	S	SВ	SBD				
1,1-Dichloroethene	0.0502	0.0509	0.0500	0.0500	1	00	102	71-131	1	19	
Benzene	0.0465	0.0476	0.0500	0.0500	ç	93	95	73-124	2	18	
Trichloroethene	0.0463	0.0468	0.0500	0.0500	ç	93	94	79-130	1	18	
Toluene	0.0445	0.0444	0.0500	0.0500	8	39	89	76-123	0	18	
Chlorobenzene	0.0443	0.0441	0.0500	0.0500	8	39	88	78-122	0	18	
Surrogate:											
Dibromofluoromethane					1	09	111	74-131			
Toluene-d8					1	08	107	78-128			
4-Bromofluorobenzene					1	00	100	71-130			
Laboratory ID:	SB08	10S1									
<b>`</b>	SB	SBD	SB	SBD	5	SВ	SBD				
1,1-Dichloroethene	0.0560	0.0562	0.0500	0.0500	1	12	112	71-131	0	19	
Benzene	0.0508	0.0498	0.0500	0.0500	1	02	100	73-124	2	18	
Trichloroethene	0.0488	0.0472	0.0500	0.0500	ç	8	94	79-130	3	18	
Toluene	0.0473	0.0461	0.0500	0.0500	ç	95	92	76-123	3	18	
Chlorobenzene	0.0462	0.0447	0.0500	0.0500	ç	92	89	78-122	3	18	
Surrogate:											
Dibromofluoromethane					1	12	114	74-131			
Toluene-d8					1	07	105	78-128			
4-Bromofluorobenzene					1	02	101	71-130			



Date of Report: August 16, 2021 Samples Submitted: August 4, 2021 Laboratory Reference: 2108-051 Project: 691-023

# % MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FB-9-5.0	08-051-01	9	8-10-21
FB-9-10.0	08-051-02	3	8-10-21
FB-9-15.0	08-051-03	8	8-10-21
FB-10-5.0	08-051-04	4	8-10-21
FB-10-10.0	08-051-05	6	8-10-21
FB-10-14.0	08-051-06	9	8-10-21
FB-11-5.0	08-051-07	7	8-10-21
FB-11-10.0	08-051-08	9	8-10-21
FB-11-14.0	08-051-09	8	8-10-21
FB-12-5.0	08-051-10	7	8-10-21
FB-12-10.0	08-051-11	9	8-10-21
FB-12-15.0	08-051-12	8	8-10-21
FB-12-18.0	08-051-13	8	8-10-21
FB-13-5.0	08-051-14	9	8-10-21
FB-13-10.0	08-051-15	8	8-10-21
FB-13-13.5	08-051-16	9	8-10-21
FB-14-5.0	08-051-17	9	8-10-21
FB-14-10.0	08-051-18	8	8-10-21
FB-14-12.0	08-051-19	10	8-10-21
FB-15-5.0	08-051-20	8	8-10-21
FB-15-10.0	08-051-21	8	8-10-21
FB-15-12.0	08-051-22	12	8-10-21
FB-16-5.0	08-051-23	1	8-10-21
FB-16-10.0	08-051-24	11	8-10-21

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### **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.

Ζ-

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



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Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished Country N-VTW4	Signature	10 FB-12-5.0	9 FB-11- 14.0	8 FB-11- 1010	7 FB-11 - 5,0	6 F13-10-14,0	S FB-10-15.0	4 FB-10- 5:0	3 FB-9-15.0	2 FB-9-10.0	1 FB-9-5,0	Lab ID Sample Identification	Sampled by: C. Van Stolk	L. Schumacher	Main Street Place	bgl-023	Farallon	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	OnSite Environmental Inc.
Reviewed/Date				(	Care Care	: Favallon	Company	V 0926 V	2580	0350	04/80	0220	2180	2080	6750	1 SHLO 1	8/4/21 0735 5011	Date Time Sampled Sampled Matrix	(other)		Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(in working days)	Chain of
					SUI NHS	814/21 1755	Date Time	A A C									X	NWTP NWTP NWTP NWTP NWTP Volatil Halog	PH-HCI PH-Gx/I PH-Gx PH-Dx ( les 826 enated	D BTEX 2 Acid	82601 3/SGC	lean-up)	1	Laboratory Numb	Custody
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Chromatograms with final report  Electronic Data Deliverables (EDDs)	Data Package: Standard  Level III  Level IV				vingt chloride	A= TCE, PCE, cis + trans DCE,	Comments/Special Instructions											EDB E Semiv (with I PAHs PCBs Organ Organ Organ Chlori Total N Total N TCLP HEM (	PA 80 <sup>-</sup> olatiles 8270E/ 8270E/ 8082A ochlori abbo schlori anted / ACRA N ATCA N Metals	a (Wate 8270E el PAHs SIM (Io ne Pest bhorus I Acid Her Acid Her Acid Her Acid Her Acials	rs Only) /SIM ) w-level) icides 80 Pesticides bicides	081B es 8270 8151A	E/SIM	*r: 08 - 05 1	Page 2 of 3

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Reviewed/Da					6	Favallo	ompany	1015	0101	1240	1230	1415	1408	1530	1525	1505	1500	Time Sampled	(other)		ndard (7 Days)	ays	ne Day	(Check One)	rnaround Req in working da	Cha
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DDs)																										1
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August 24, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-051B

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 4, 2021.

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: August 24, 2021 Samples Submitted: August 4, 2021 Laboratory Reference: 2108-051B Project: 691-023

### **Case Narrative**

Samples were collected on August 4, 2021 and received by the laboratory on August 4, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



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# GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Soil Units: mg/kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	SG-6-5.0					
Laboratory ID:	08-051-29					
Gasoline	ND	4.8	NWTPH-Gx	8-18-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	104	66-129				
Client ID:	SG-6-10.0					
Laboratory ID:	08-051-30					
Gasoline	ND	4.8	NWTPH-Gx	8-18-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	104	66-129				



### GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Soil Units: mg/kg (ppm)

······							Date	Date	)		
Analyte		Result		PQL	Me	ethod	Prepared	Analyzed		Flags	
METHOD BLANK											
Laboratory ID:		MB0818S1									
Gasoline		ND		5.0	NW	「PH-Gx	8-18-21	8-18-2	21		
Surrogate:	Per	rcent Recove	ry Cor	ntrol Lim	its						
Fluorobenzene		104	-	66-129							
					Source	Percent	Recovery		RPD		
Analyte	Res	sult	Spike	e Level	Result	Recovery	Limits	RPD	Limit	Flags	
DUPLICATE											
Laboratory ID:	08-17	79-01									
	ORIG	DUP									
Gasoline	ND	ND	NA	NA		NA	NA	NA	30		
Surrogate:											
Fluorobenzene						106 107	7 66-129				



Matrix: Soil Units: mg/Kg (ppm)

0 0 (11 )				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	SG-6-5.0					
Laboratory ID:	08-051-29					
Diesel Range Organics	ND	26	NWTPH-Dx	8-18-21	8-20-21	
Lube Oil Range Organics	ND	53	NWTPH-Dx	8-18-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	63	50-150				
Client ID:	SG-6-10.0					
Laboratory ID:	08-051-30					
Diesel Range Organics	ND	27	NWTPH-Dx	8-18-21	8-20-21	
Lube Oil Range Organics	ND	54	NWTPH-Dx	8-18-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	68	50-150				

#### DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0818S2					
Diesel Range Organics	ND	25	NWTPH-Dx	8-18-21	8-18-21	
Lube Oil Range Organics	ND	50	NWTPH-Dx	8-18-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	73	50-150				

					Source	Percent	Recovery		RPD	
Analyte	Result		Spike Level		Result	Recovery	Limits	RPD	Limit	Flags
DUPLICATE										
Laboratory ID:	08-17	72-01								
	ORIG	DUP								
Diesel Range	ND	ND	NA	NA		NA	NA	NA	NA	
Lube Oil Range	ND	ND	NA	NA		NA	NA	NA	NA	
Surrogate:										
o-Terphenyl						69 77	50-150			



Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	SG-6-5.0					
Laboratory ID:	08-051-29					
Vinyl Chloride	ND	0.0012	EPA 8260D	8-18-21	8-18-21	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	8-18-21	8-18-21	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	8-18-21	8-18-21	
Benzene	ND	0.0012	EPA 8260D	8-18-21	8-18-21	
Trichloroethene	ND	0.0012	EPA 8260D	8-18-21	8-18-21	
Toluene	0.030	0.0060	EPA 8260D	8-18-21	8-18-21	
Tetrachloroethene	ND	0.0012	EPA 8260D	8-18-21	8-18-21	
Ethylbenzene	ND	0.0012	EPA 8260D	8-18-21	8-18-21	
m,p-Xylene	ND	0.0024	EPA 8260D	8-18-21	8-18-21	
o-Xylene	ND	0.0012	EPA 8260D	8-18-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	SG-6-10.0					
Laboratory ID:	08-051-30					
Vinyl Chloride	ND	0.00087	EPA 8260D	8-18-21	8-18-21	
(trans) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-18-21	8-18-21	
(cis) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-18-21	8-18-21	
Benzene	ND	0.00087	EPA 8260D	8-18-21	8-18-21	
Trichloroethene	ND	0.00087	EPA 8260D	8-18-21	8-18-21	
Toluene	ND	0.0043	EPA 8260D	8-18-21	8-18-21	
Tetrachloroethene	ND	0.00087	EPA 8260D	8-18-21	8-18-21	
Ethylbenzene	ND	0.00087	EPA 8260D	8-18-21	8-18-21	
m,p-Xylene	ND	0.0017	EPA 8260D	8-18-21	8-18-21	
o-Xylene	ND	0.00087	EPA 8260D	8-18-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	101	71-130				



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# **VOLATILE ORGANICS EPA 8260D** QUALITY CONTROL

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0818S2					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-18-21	8-18-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-18-21	8-18-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-18-21	8-18-21	
Benzene	ND	0.0010	EPA 8260D	8-18-21	8-18-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-18-21	8-18-21	
Toluene	ND	0.0050	EPA 8260D	8-18-21	8-18-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-18-21	8-18-21	
Ethylbenzene	ND	0.0010	EPA 8260D	8-18-21	8-18-21	
m,p-Xylene	ND	0.0020	EPA 8260D	8-18-21	8-18-21	
o-Xylene	ND	0.0010	EPA 8260D	8-18-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	98	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	99	71-130				

					F	Perc	ent	Recovery		RPD	
Analyte	Result		Spike Level		R	Recovery		Limits	RPD	Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB08	18S2									
	SB	SBD	SB	SBD	SE	3	SBD				
1,1-Dichloroethene	0.0526	0.0505	0.0500	0.0500	10	5	101	71-131	4	19	
Benzene	0.0515	0.0504	0.0500	0.0500	10	3	101	73-124	2	18	
Trichloroethene	0.0520	0.0504	0.0500	0.0500	10	4	101	79-130	3	18	
Toluene	0.0517	0.0503	0.0500	0.0500	10	3	101	76-123	3	18	
Chlorobenzene	0.0514	0.0505	0.0500	0.0500	10	3	101	78-122	2	18	
Surrogate:											
Dibromofluoromethane					99	9	99	74-131			
Toluene-d8					10	2	101	78-128			
4-Bromofluorobenzene					10	3	104	71-130			



Date of Report: August 24, 2021 Samples Submitted: August 4, 2021 Laboratory Reference: 2108-051B Project: 691-023

# % MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
SG-6-5.0	08-051-29	5	8-18-21
SG-6-10.0	08-051-30	7	8-18-21



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### **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.

Ζ-

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



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					SUI NHS	8/4/21 1755	Date Time	A A C									X	NWTP NWTP NWTP NWTP NWTP Volatili Haloge	PH-HCID PH-GX/B PH-GX PH-GX PH-DX ([ enated \ PH-BX 01]	TEX &	2 60 / SG Cl s 8260E	ean-up	)	Laboratory Number	Custody
Chromatograms with final report 🗌 Electronic Data Deliverables (Ef	Data Package: Standard  Level III  Level IV		O HOULD	IX Nation Slisizi Ro	ving' chloride	A= TCE, PCE, cis + trans DCE,	Comments/Special Instructions											Semiv (with la PAHs I PCBs Organ Organ Chlorin Total F Total N TCLP HEM (	olatiles i ow-level 8270E/S 8082A ochlorin ophospl nated Ad RCRA M MTCA M Metals oil and g	8270E I PAHs SIM (Io e Pesi horus cid He etals grease	/SIM )) w-level) ticides 8 Pesticid rbicides ) 1664A	081B es 8270 8151A	DE/SIM	- 0 - 0 - 0 - 1 	Page 1 of 3

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					SALLA LUSS	2561 12/4/8	Date Time	0 9 0									× ×	NUMI NWTH NWTH NWTH NWTH Volati Halog	PH-HC PH-Gx/ PH-Gx/ PH-Gx PH-Dx iles 820 genated	BTEX (CAcid	82601 es 82601	) lean-up D	)		Laboratory Number	Custody
Chromatograms with final report  Electronic Data Deliverables (El	Data Package: Standard  Level III  Level IV				ving chloride	A= TEE, PEE, cis & trans DEE,	Comments/Special Instructions											EDB Semi (with PAHs PCBs Orga Orga Orga Chlor Total Total Total TCLF HEM	EPA 8C volatile low-lev 8270E s 8082/ nochlo nophos rinated RCRA MTCA P Metal	s 8270E vel PAH /SIM (lo A rine Pes sphorus Acid Ho Metals s d greaso	ers Only (SIM s) (S) (S) (S) (S) (S) (S) (S) (S	// 3081B des 827 s 8151A	DE/SIM		r 08-051	Page 2 of 3

	Received	Relinquished	Received	Relinquished	Received	Relinquished Cowing Now Mul	Signature	30 56-6-10.0	28 56-6-5.0	28 56-5-10,0	27 56-5-50	26 56-4-10.0	X 56-4-5.0	24 PB-16- 10:0	23 FB-16-5.0	22 FB-15-12.0	21 FB-15-10.0	Lab ID Sample Identification	sampled by: C. VAN Stolk	Project Manager: L. Schumacher	Main Street place	691-023	Company: Favallon	Phone: (425) 883-3881 • www.onsite-env.com	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052	Environmental Inc.
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					10	412		Q	0	-	-	-	-		2			NWT	PH-Gx PH-Dx	( Acid	d / SG C	lean-u	p)	-	atory	un n
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August 11, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-052

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 4, 2021.

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: August 11, 2021 Samples Submitted: August 4, 2021 Laboratory Reference: 2108-052 Project: 691-023

## **Case Narrative**

Samples were collected on August 4, 2021 and received by the laboratory on August 4, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



OnSite Environmental, Inc. 14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 (425) 883-3881

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-10-5.0					
Laboratory ID:	08-052-01					
Vinyl Chloride	ND	0.00076	EPA 8260D	8-6-21	8-6-21	
(trans) 1,2-Dichloroethene	ND	0.00076	EPA 8260D	8-6-21	8-6-21	
(cis) 1,2-Dichloroethene	ND	0.00076	EPA 8260D	8-6-21	8-6-21	
Trichloroethene	ND	0.00076	EPA 8260D	8-6-21	8-6-21	
Tetrachloroethene	ND	0.00076	EPA 8260D	8-6-21	8-6-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	115	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FMW-10-10.0					
Laboratory ID:	08-052-02					
Vinyl Chloride	ND	0.00082	EPA 8260D	8-6-21	8-6-21	
(trans) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-6-21	8-6-21	
(cis) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-6-21	8-6-21	
Trichloroethene	ND	0.00082	EPA 8260D	8-6-21	8-6-21	
Tetrachloroethene	ND	0.00082	EPA 8260D	8-6-21	8-6-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FMW-10-15.0					
Laboratory ID:	08-052-03					
Vinyl Chloride	ND	0.00071	EPA 8260D	8-6-21	8-6-21	
(trans) 1,2-Dichloroethene	ND	0.00071	EPA 8260D	8-6-21	8-6-21	
(cis) 1,2-Dichloroethene	ND	0.00071	EPA 8260D	8-6-21	8-6-21	
Trichloroethene	ND	0.00071	EPA 8260D	8-6-21	8-6-21	
Tetrachloroethene	ND	0.00071	EPA 8260D	8-6-21	8-6-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	102	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-10-20.0					
Laboratory ID:	08-052-04					
Vinyl Chloride	ND	0.00068	EPA 8260D	8-6-21	8-6-21	
(trans) 1,2-Dichloroethene	ND	0.00068	EPA 8260D	8-6-21	8-6-21	
(cis) 1,2-Dichloroethene	ND	0.00068	EPA 8260D	8-6-21	8-6-21	
Trichloroethene	ND	0.00068	EPA 8260D	8-6-21	8-6-21	
Tetrachloroethene	ND	0.00068	EPA 8260D	8-6-21	8-6-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FMW-10-25.0					
Laboratory ID:	08-052-05					
Vinyl Chloride	ND	0.00079	EPA 8260D	8-6-21	8-6-21	
(trans) 1,2-Dichloroethene	ND	0.00079	EPA 8260D	8-6-21	8-6-21	
(cis) 1,2-Dichloroethene	ND	0.00079	EPA 8260D	8-6-21	8-6-21	
Trichloroethene	ND	0.00079	EPA 8260D	8-6-21	8-6-21	
Tetrachloroethene	ND	0.00079	EPA 8260D	8-6-21	8-6-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	115	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	101	71-130				

Client ID:	FMW-10-30.0					
Laboratory ID:	08-052-06					
Vinyl Chloride	ND	0.00079	EPA 8260D	8-6-21	8-6-21	
(trans) 1,2-Dichloroethene	ND	0.00079	EPA 8260D	8-6-21	8-6-21	
(cis) 1,2-Dichloroethene	ND	0.00079	EPA 8260D	8-6-21	8-6-21	
Trichloroethene	ND	0.00079	EPA 8260D	8-6-21	8-6-21	
Tetrachloroethene	ND	0.00079	EPA 8260D	8-6-21	8-6-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	97	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-10-35.0					
Laboratory ID:	08-052-07					
Vinyl Chloride	ND	0.00075	EPA 8260D	8-6-21	8-6-21	
(trans) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	8-6-21	8-6-21	
(cis) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	8-6-21	8-6-21	
Trichloroethene	ND	0.00075	EPA 8260D	8-6-21	8-6-21	
Tetrachloroethene	ND	0.00075	EPA 8260D	8-6-21	8-6-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	115	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	97	71-130				

Client ID:	FMW-10-40.0					
Laboratory ID:	08-052-08					
Vinyl Chloride	ND	0.00072	EPA 8260D	8-6-21	8-6-21	
(trans) 1,2-Dichloroethene	ND	0.00072	EPA 8260D	8-6-21	8-6-21	
(cis) 1,2-Dichloroethene	ND	0.00072	EPA 8260D	8-6-21	8-6-21	
Trichloroethene	ND	0.00072	EPA 8260D	8-6-21	8-6-21	
Tetrachloroethene	ND	0.00072	EPA 8260D	8-6-21	8-6-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	116	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	99	71-130				

Client ID:	FMW-10-45.0					
Laboratory ID:	08-052-09					
Vinyl Chloride	ND	0.00074	EPA 8260D	8-6-21	8-6-21	
(trans) 1,2-Dichloroethene	ND	0.00074	EPA 8260D	8-6-21	8-6-21	
(cis) 1,2-Dichloroethene	ND	0.00074	EPA 8260D	8-6-21	8-6-21	
Trichloroethene	ND	0.00074	EPA 8260D	8-6-21	8-6-21	
Tetrachloroethene	ND	0.00074	EPA 8260D	8-6-21	8-6-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	109	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	97	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-10-50.0					
Laboratory ID:	08-052-10					
Vinyl Chloride	ND	0.00093	EPA 8260D	8-6-21	8-6-21	
(trans) 1,2-Dichloroethene	ND	0.00093	EPA 8260D	8-6-21	8-6-21	
(cis) 1,2-Dichloroethene	ND	0.00093	EPA 8260D	8-6-21	8-6-21	
Trichloroethene	ND	0.00093	EPA 8260D	8-6-21	8-6-21	
Tetrachloroethene	ND	0.00093	EPA 8260D	8-6-21	8-6-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	116	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	97	71-130				

Client ID:	FMW-10-55.0					
Laboratory ID:	08-052-11					
Vinyl Chloride	ND	0.00077	EPA 8260D	8-6-21	8-6-21	
(trans) 1,2-Dichloroethene	ND	0.00077	EPA 8260D	8-6-21	8-6-21	
(cis) 1,2-Dichloroethene	ND	0.00077	EPA 8260D	8-6-21	8-6-21	
Trichloroethene	ND	0.00077	EPA 8260D	8-6-21	8-6-21	
Tetrachloroethene	ND	0.00077	EPA 8260D	8-6-21	8-6-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	97	71-130				

Client ID:	FMW-10-60.0					
Laboratory ID:	08-052-12					
Vinyl Chloride	ND	0.00084	EPA 8260D	8-9-21	8-9-21	
(trans) 1,2-Dichloroethene	ND	0.00084	EPA 8260D	8-9-21	8-9-21	
(cis) 1,2-Dichloroethene	ND	0.00084	EPA 8260D	8-9-21	8-9-21	
Trichloroethene	ND	0.00084	EPA 8260D	8-9-21	8-9-21	
Tetrachloroethene	ND	0.00084	EPA 8260D	8-9-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	115	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	92	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-10-65.0					
Laboratory ID:	08-052-13					
Vinyl Chloride	ND	0.0011	EPA 8260D	8-9-21	8-9-21	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-9-21	8-9-21	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-9-21	8-9-21	
Trichloroethene	ND	0.0011	EPA 8260D	8-9-21	8-9-21	
Tetrachloroethene	ND	0.0011	EPA 8260D	8-9-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	115	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	99	71-130				

Client ID:	FMW-10-70.0					
Laboratory ID:	08-052-14					
Vinyl Chloride	ND	0.00085	EPA 8260D	8-9-21	8-9-21	
(trans) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-9-21	8-9-21	
(cis) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-9-21	8-9-21	
Trichloroethene	ND	0.00085	EPA 8260D	8-9-21	8-9-21	
Tetrachloroethene	ND	0.00085	EPA 8260D	8-9-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	120	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	95	71-130				

Client ID:	FMW-10-75.0					
Laboratory ID:	08-052-15					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-9-21	8-9-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-9-21	8-9-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-9-21	8-9-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-9-21	8-9-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-9-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	117	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	98	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-10-80.0					
Laboratory ID:	08-052-16					
Vinyl Chloride	ND	0.0011	EPA 8260D	8-9-21	8-9-21	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-9-21	8-9-21	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-9-21	8-9-21	
Trichloroethene	ND	0.0011	EPA 8260D	8-9-21	8-9-21	
Tetrachloroethene	ND	0.0011	EPA 8260D	8-9-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	117	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	100	71-130				



# VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0806S1					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-6-21	8-6-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-6-21	8-6-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-6-21	8-6-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-6-21	8-6-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-6-21	8-6-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	101	71-130				
Laboratory ID:	MB0809S1					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-9-21	8-9-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-9-21	8-9-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-9-21	8-9-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-9-21	8-9-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-9-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	100	71-130				



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# VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Reco	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB08	06S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0551	0.0484	0.0500	0.0500	110	97	71-131	13	19	
Benzene	0.0499	0.0463	0.0500	0.0500	100	93	73-124	7	18	
Trichloroethene	0.0467	0.0444	0.0500	0.0500	93	89	79-130	5	18	
Toluene	0.0448	0.0418	0.0500	0.0500	90	84	76-123	7	18	
Chlorobenzene	0.0446	0.0426	0.0500	0.0500	89	85	78-122	5	18	
Surrogate:										
Dibromofluoromethane					113	111	74-131			
Toluene-d8					106	104	78-128			
4-Bromofluorobenzene					101	101	71-130			
Laboratory ID:	SB08	09S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0502	0.0509	0.0500	0.0500	100	102	71-131	1	19	
Benzene	0.0465	0.0476	0.0500	0.0500	93	95	73-124	2	18	
Trichloroethene	0.0463	0.0468	0.0500	0.0500	93	94	79-130	1	18	
Toluene	0.0445	0.0444	0.0500	0.0500	89	89	76-123	0	18	
Chlorobenzene	0.0443	0.0441	0.0500	0.0500	89	88	78-122	0	18	
Surrogate:										
Dibromofluoromethane					109	111	74-131			
Toluene-d8					108	107	78-128			
4-Bromofluorobenzene					100	100	71-130			



Date of Report: August 11, 2021 Samples Submitted: August 4, 2021 Laboratory Reference: 2108-052 Project: 691-023

# % MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FMW-10-5.0	08-052-01	7	8-6-21
FMW-10-10.0	08-052-02	7	8-6-21
FMW-10-15.0	08-052-03	8	8-6-21
FMW-10-20.0	08-052-04	10	8-6-21
FMW-10-25.0	08-052-05	9	8-6-21
FMW-10-30.0	08-052-06	4	8-6-21
FMW-10-35.0	08-052-07	6	8-6-21
FMW-10-40.0	08-052-08	6	8-6-21
FMW-10-45.0	08-052-09	7	8-6-21
FMW-10-50.0	08-052-10	9	8-6-21
FMW-10-55.0	08-052-11	6	8-6-21
FMW-10-60.0	08-052-12	8	8-6-21
FMW-10-65.0	08-052-13	16	8-6-21
FMW-10-70.0	08-052-14	7	8-6-21
FMW-10-75.0	08-052-15	6	8-6-21
FMW-10-80.0	08-052-16	9	8-6-21



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## **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.

Ζ-

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



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Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished	Signature	10 FMW10 - 50.0	9 FMW10- 45.0	8 FMW-W- 40.0	7 FMW-10 - 35.0	6 FMW-10 - 30.0	5 FMW-10 - 25.0	4 Fond-10 - 20:0	3 Finu-10 - 15:0	2 Tmu-10 - 60-0	1 FMW-10- 3:0	Lab ID Sample Identification	sampled by. Gree Heles	Filler Manager. Logan Schumacer	Marin & Place	Project Number: 691-023	Company: Farrellon	14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Environmental Inc.
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Date					226	E		A	F								5011	d Matrix	(r)		(S	3 Days	1 Day	days)	lain c
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August 16, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-069

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 6, 2021.

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: August 16, 2021 Samples Submitted: August 6, 2021 Laboratory Reference: 2108-069 Project: 691-023

## **Case Narrative**

Samples were collected on August 5, 2021 and received by the laboratory on August 6, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



OnSite Environmental, Inc. 14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 (425) 883-3881

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-10-85.0					
Laboratory ID:	08-069-01					
Vinyl Chloride	ND	0.00075	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.00075	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	ND	0.00075	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	97	74-131				
Toluene-d8	98	78-128				
4-Bromofluorobenzene	95	71-130				

Client ID:	FMW-10-90.0					
Laboratory ID:	08-069-02					
Vinyl Chloride	ND	0.00076	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00076	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00076	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.00076	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	ND	0.00076	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	96	74-131				
Toluene-d8	98	78-128				
4-Bromofluorobenzene	96	71-130				

Client ID:	FMW-10-95.0					
Laboratory ID:	08-069-03					
Vinyl Chloride	ND	0.0011	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.0011	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	ND	0.0011	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	97	74-131				
Toluene-d8	99	78-128				
4-Bromofluorobenzene	96	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-10-100.0					
Laboratory ID:	08-069-04					
Vinyl Chloride	ND	0.00078	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00078	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00078	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.00078	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	ND	0.00078	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	97	78-128				
4-Bromofluorobenzene	92	71-130				

Client ID:	FMW-10-105.0					
Laboratory ID:	08-069-05					
Vinyl Chloride	ND	0.00063	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00063	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00063	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.00063	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	ND	0.00063	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	97	74-131				
Toluene-d8	99	78-128				
4-Bromofluorobenzene	95	71-130				

Client ID:	FMW-10-110.0					
Laboratory ID:	08-069-06					
Vinyl Chloride	ND	0.00065	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00065	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00065	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.00065	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	ND	0.00065	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	96	74-131				
Toluene-d8	98	78-128				
4-Bromofluorobenzene	95	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-10-115.0					
Laboratory ID:	08-069-07					
Vinyl Chloride	ND	0.00085	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.00085	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	ND	0.00085	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	96	74-131				
Toluene-d8	97	78-128				
4-Bromofluorobenzene	97	71-130				

Client ID:	FB-8-5.0					
Laboratory ID:	08-069-08					
Vinyl Chloride	ND	0.00070	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00070	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00070	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.00070	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	ND	0.00070	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	95	74-131				
Toluene-d8	96	78-128				
4-Bromofluorobenzene	95	71-130				

Client ID:	FB-8-10.0					
Laboratory ID:	08-069-09					
Vinyl Chloride	ND	0.00074	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00074	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00074	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.00074	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	ND	0.00074	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	93	74-131				
Toluene-d8	96	78-128				
4-Bromofluorobenzene	94	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-8-15.0					
Laboratory ID:	08-069-10					
Vinyl Chloride	ND	0.00081	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00081	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00081	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.00081	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	ND	0.00081	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	93	74-131				
Toluene-d8	97	78-128				
4-Bromofluorobenzene	93	71-130				

Client ID:	FB-8-20.0					
Laboratory ID:	08-069-11					
Vinyl Chloride	ND	0.00075	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.00075	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	ND	0.00075	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	93	74-131				
Toluene-d8	97	78-128				
4-Bromofluorobenzene	93	71-130				

Client ID:	FB-8-25.0					
Laboratory ID:	08-069-12					
Vinyl Chloride	ND	0.00076	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00076	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00076	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.00076	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	0.0073	0.00076	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	95	74-131				
Toluene-d8	96	78-128				
4-Bromofluorobenzene	94	71-130				



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6

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-8-30.0					
Laboratory ID:	08-069-13					
Vinyl Chloride	ND	0.00076	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00076	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00076	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.00076	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	0.0097	0.00076	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	93	74-131				
Toluene-d8	96	78-128				
4-Bromofluorobenzene	92	71-130				

Client ID:	FB-8-35.0					
Laboratory ID:	08-069-14					
Vinyl Chloride	ND	0.00064	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00064	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00064	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.00064	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	0.0029	0.00064	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	91	74-131				
Toluene-d8	96	78-128				
4-Bromofluorobenzene	91	71-130				

Client ID:	FB-8-40.0					
Laboratory ID:	08-069-15					
Vinyl Chloride	ND	0.00081	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00081	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00081	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.00081	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	0.0014	0.00081	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	95	74-131				
Toluene-d8	97	78-128				
4-Bromofluorobenzene	94	71-130				



OnSite Environmental, Inc. 14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 (425) 883-3881

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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-8-45.0					
Laboratory ID:	08-069-16					
Vinyl Chloride	ND	0.00073	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00073	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.00073	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.00073	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	0.0028	0.00073	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	99	74-131				
Toluene-d8	94	78-128				
4-Bromofluorobenzene	93	71-130				



# VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0810S2					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-10-21	8-10-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-10-21	8-10-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-10-21	8-10-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-10-21	8-10-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	98	74-131				
Toluene-d8	99	78-128				
4-Bromofluorobenzene	97	71-130				

Analyte					Per	cent	Recovery			
Analyte	Res	sult	Spike	Level	Rec	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB08	10S2								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0463	0.0455	0.0500	0.0500	93	91	71-131	2	19	
Benzene	0.0450	0.0437	0.0500	0.0500	90	87	73-124	3	18	
Trichloroethene	0.0572	0.0549	0.0500	0.0500	114	110	79-130	4	18	
Toluene	0.0549	0.0534	0.0500	0.0500	110	107	76-123	3	18	
Chlorobenzene	0.0468	0.0457	0.0500	0.0500	94	91	78-122	2	18	
Surrogate:										
Dibromofluoromethane					100	102	74-131			
Toluene-d8					100	101	78-128			
4-Bromofluorobenzene					100	101	71-130			



#### TOTAL METALS EPA 6010D/7471B

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-8-5.0					
Laboratory ID:	08-069-08					
Arsenic	ND	11	EPA 6010D	8-9-21	8-12-21	
Barium	52	2.8	EPA 6010D	8-9-21	8-12-21	
Cadmium	ND	0.56	EPA 6010D	8-9-21	8-12-21	
Chromium	18	0.56	EPA 6010D	8-9-21	8-12-21	
Lead	ND	5.6	EPA 6010D	8-9-21	8-12-21	
Mercury	ND	0.28	EPA 7471B	8-12-21	8-12-21	
Selenium	ND	11	EPA 6010D	8-9-21	8-12-21	
Silver	ND	1.1	EPA 6010D	8-9-21	8-12-21	



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#### TOTAL METALS EPA 6010D/7471B QUALITY CONTROL

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0809SM3					
Arsenic	ND	10	EPA 6010D	8-9-21	8-11-21	
Barium	ND	2.5	EPA 6010D	8-9-21	8-11-21	
Cadmium	ND	0.50	EPA 6010D	8-9-21	8-11-21	
Chromium	ND	0.50	EPA 6010D	8-9-21	8-11-21	
Lead	ND	5.0	EPA 6010D	8-9-21	8-11-21	
Selenium	ND	10	EPA 6010D	8-9-21	8-11-21	
Silver	ND	1.0	EPA 6010D	8-9-21	8-11-21	
Laboratory ID:	MB0812S1					
Mercury	ND	0.25	EPA 7471B	8-12-21	8-12-21	

					Source	Pe	rcent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Rec	overy	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	08-04	47-26									
	ORIG	DUP									
Arsenic	11.4	11.1	NA	NA		l	NA	NA	2	20	
Barium	104	100	NA	NA		I	NA	NA	4	20	
Cadmium	ND	ND	NA	NA		I	NA	NA	NA	20	
Chromium	16.9	16.9	NA	NA		I	NA	NA	0	20	
Lead	51.5	55.1	NA	NA		I	NA	NA	7	20	
Selenium	ND	ND	NA	NA		I	NA	NA	NA	20	
Silver	ND	ND	NA	NA		I	NA	NA	NA	20	
Laboratory ID:	08-08	33-19									
Mercury	ND	ND	NA	NA			NA	NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	08-04	47-26									
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	110	108	100	100	11.4	99	97	75-125	2	20	
Barium	211	192	100	100	104	107	88	75-125	9	20	
Cadmium	49.7	49.3	50.0	50.0	ND	99	99	75-125	1	20	
Chromium	120	116	100	100	16.9	103	99	75-125	4	20	
Lead	317	310	250	250	51.5	106	103	75-125	2	20	
Selenium	96.6	95.7	100	100	ND	97	96	75-125	1	20	
Silver	23.5	23.8	25.0	25.0	ND	94	95	75-125	1	20	



Laboratory ID:

Mercury

08-083-19

0.570

0.500

0.550

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0.0155

107

111

80-120

4

20

0.500

# % MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FMW-10-85.0	08-069-01	5	8-10-21
FMW-10-90.0	08-069-02	5	8-10-21
FMW-10-95.0	08-069-03	22	8-10-21
FMW-10-100.0	08-069-04	9	8-10-21
FMW-10-105.0	08-069-05	7	8-10-21
FMW-10-110.0	08-069-06	8	8-10-21
FMW-10-115.0	08-069-07	17	8-10-21
FB-8-5.0	08-069-08	10	8-10-21
FB-8-10.0	08-069-09	7	8-10-21
FB-8-15.0	08-069-10	8	8-10-21
FB-8-20.0	08-069-11	8	8-10-21
FB-8-25.0	08-069-12	2	8-10-21
FB-8-30.0	08-069-13	5	8-10-21
FB-8-35.0	08-069-14	7	8-10-21
FB-8-40.0	08-069-15	6	8-10-21
FB-8-45.0	08-069-16	10	8-10-21



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## **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.

Ζ-

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



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Reviewed/Date	Received	Relinquished	Received	Relinquished	Heceived	Relinquished	Signature	10 10-8-15-0	9 FB-8-10.0	8 FB-8-5.0	0.511-01-Mul L	4 FMW-10-110.0	5 FMW-10- 105:0	4 Finul 10-100.0	3 FMW-10-950	2. FMW-10-40.0	1 Fmw-10-85.0	Lab 10 Sample Identification	Sampled by: Jues Peters	Project Manager: Nach 87 Place	Project Name:	Company: Fourdlon	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	OnSite Environmental Inc.
Reviewed/Date					AD CX	Fevallow	Company	T 7 5151 T	1510	1505	1100	1045	<i>l</i> o30	056	920	615	8/5/21 850 Soil 5	Date Time Sampled Sampled Matrix	(other)	X Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(in working days)	Chain of
					X14121 0815	8/5/21 1830	Date Time										×	NWTF NWTF NWTF NWTF Volatil Halog	H-HCID H-Gx/BTEX H-Gx H-Dx ( Ac es 8260D enated Volat PA 8011 (W)	id / SG C	lean-up) D Shu	nt list-	Laboratory Number	Custody
Chromatograms with final report  Electronic Data Deliverables (EDDs)	Data Package: Standard  Level III  Level IV			(SAAdood 8/6/21. DB (STA)	Viny! Chlenola.	Short lat ? PCE, TCE, Cis-frans-DCi	Comments/Special Instructions			$\otimes$								Semiv (with I PAHs PCBs Organ Organ Chlori Total F Total N TCLP	Development of a contract of the second contract of the second of the second contract of the second	E/SIM ts) low-level sticides & s Pesticid erbicides	0 3081B les 8270 3 8151A	E/SIM	r: 08-069	Page of 2

Reviewed/Date	Received	Received	Relinquished	Received Thurship	Relinquished	Signature			14 PB-8-450	15 FB-8-40-0	14 18-8-35.0	13 78-8-30-0	12 13-8-25.0	11 FB-8-20.0	Lab ID Sample Identification	sampired by: Creas testers	Englishting Legen Schumacer	Project Name: Mouin SA Place	Project Number: 691-023	Company: Forvaller	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Environmental Inc.
Reviewed/Date				NU OSE	Foreulin	Company		-	1 170 L	1710	1700 /	1610	1 lico 1	815/21 1540 Soil 5	Date Time Sampled Sampled Matrix	(other)		X Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(in working days)	Chain of
				8/1/21 08/15	8/5/21 1830	Date Time								×	NWTF NWTF NWTF NWTF Volatil Halog	PH-HCI PH-Gx/P PH-Gx PH-Dx ( es 826 enated	D BTEX Acid DD Volatile	/ SG Cl s 8260D	ean-up)	41:51	Laboratory Numbe	Custody
Chromatograms with final report  Electronic Data Deliverables	Data Backano: Standard    Lavel III    Lavel IV				See page of	Comments/Special Instructions									EDB E Semiv (with I PAHs PCBs Organ Organ Chlori Total F Total N TCLP HEM (	PA 80 <sup>-</sup> olatiles 8270E/ 8082A ochlori ophosp nated <i>A</i> AGRA N Metals oil and	I1 (Wate 8270E el PAHs /SIM (lo ne Pest bhorus I Acid He Acid He Aetals grease,	/SIM ) w-level) icides 8 Pesticide bicides	) 081B es 8270 8151A	E/SIM	690-80	Page 2 of 2



August 17, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-084

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 6, 2021.

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: August 17, 2021 Samples Submitted: August 6, 2021 Laboratory Reference: 2108-084 Project: 691-023

## **Case Narrative**

Samples were collected on August 6, 2021 and received by the laboratory on August 6, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



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# GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Soil Units: mg/kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-2-5.0					
Laboratory ID:	08-084-22					
Gasoline	ND	4.7	NWTPH-Gx	8-11-21	8-11-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	91	66-129				
Client ID:	FB-2-10.0					
Laboratory ID:	08-084-23					
Gasoline	ND	4.6	NWTPH-Gx	8-11-21	8-11-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	91	66-129				
Client ID:	FB-2-15.0					
Laboratory ID:	08-084-24					
Gasoline	ND	5.2	NWTPH-Gx	8-11-21	8-11-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	95	66-129				
Client ID:	FB-2-20.0					
Laboratory ID:	08-084-25					
Gasoline	ND	4.6	NWTPH-Gx	8-11-21	8-11-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	95	66-129				



## GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Soil Units: mg/kg (ppm)

······	nalyte Result				Method		Date Prepared	Date Analyzed		Flags
Analyte			PQL	M						
METHOD BLANK										
Laboratory ID:		MB0811S2								
Gasoline		ND	5.0	NW	NWTPH-Gx		8-11-21	8-11-21		
Surrogate:	Per	rcent Recove	ry Control L	imits						
Fluorobenzene		91	66-12	9						
				Source	Per	cent	Recovery		RPD	
Analyte	Result		Spike Leve	l Result	Reco	overy	Limits	RPD	Limit	Flags
DUPLICATE										
Laboratory ID:	08-11	4-02								
	ORIG	DUP								
Gasoline	ND	ND	NA NA	١	NA		NA	NA	30	
Surrogate:										
Fluorobenzene					98	94	66-129			


# DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-2-5.0					
Laboratory ID:	08-084-22					
Diesel Range Organics	ND	26	NWTPH-Dx	8-9-21	8-9-21	
Lube Oil Range Organics	ND	53	NWTPH-Dx	8-9-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	71	50-150				
Client ID:	FR-2-10 0					
Laboratory ID:	08-08/-23					
Diesel Range Organics	ND	26		8-0-21	8-0-21	
Lube Oil Range Organics	ND	51	NWTPH-Dx	8-9-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits		0021	0021	
o-Terphenyl	62	50-150				
e reipileliyi	02					
Client ID:	FB-2-15.0					
Laboratory ID:	08-084-24					
Diesel Range Organics	ND	27	NWTPH-Dx	8-9-21	8-9-21	
Lube Oil Range Organics	ND	55	NWTPH-Dx	8-9-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	80	50-150				
Client ID:	FB-2-20.0					
Laboratory ID:	08-084-25					
Diesel Range Organics	ND	26	NWTPH-Dx	8-9-21	8-9-21	
Lube Oil Range Organics	ND	53	NWTPH-Dx	8-9-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	90	50-150				



#### DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0809S2					
Diesel Range Organics	ND	25	NWTPH-Dx	8-9-21	8-9-21	
Lube Oil Range Organics	ND	50	NWTPH-Dx	8-9-21	8-9-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	79	50-150				

					Source	Perc	ent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Recov	very	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	80-80	34-22									
	ORIG	DUP									
Diesel Range	ND	ND	NA	NA		NA	4	NA	NA	NA	
Lube Oil Range	ND	ND	NA	NA		NA	٩	NA	NA	NA	
Surrogate:											
o-Terphenyl						71	70	50-150			



Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-8-50.0					
Laboratory ID:	08-084-01					
Vinyl Chloride	ND	0.00073	EPA 8260D	8-11-21	8-11-21	
(trans) 1,2-Dichloroethene	ND	0.00073	EPA 8260D	8-11-21	8-11-21	
(cis) 1,2-Dichloroethene	ND	0.00073	EPA 8260D	8-11-21	8-11-21	
Trichloroethene	ND	0.00073	EPA 8260D	8-11-21	8-11-21	
Tetrachloroethene	ND	0.00073	EPA 8260D	8-11-21	8-11-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	101	71-130				
Client ID:	FB-8-55.0					
Laboratory ID:	08-084-02					
Vinyl Chloride	ND	0.00069	EPA 8260D	8-11-21	8-11-21	
(trans) 1,2-Dichloroethene	ND	0.00069	EPA 8260D	8-11-21	8-11-21	
(cis) 1,2-Dichloroethene	ND	0.00069	EPA 8260D	8-11-21	8-11-21	
Trichloroethene	ND	0.00069	EPA 8260D	8-11-21	8-11-21	
Tetrachloroethene	ND	0.00069	EPA 8260D	8-11-21	8-11-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	101	71-130				
<b>•</b> •••••••						
Client ID:	FB-8-60.0					
Laboratory ID:	08-084-03					
Vinyl Chloride	ND	0.00072	EPA 8260D	8-11-21	8-11-21	
(trans) 1,2-Dichloroethene	ND	0.00072	EPA 8260D	8-11-21	8-11-21	
(cis) 1,2-Dichloroethene	ND	0.00072	EPA 8260D	8-11-21	8-11-21	
Trichloroethene	ND	0.00072	EPA 8260D	8-11-21	8-11-21	
Tetrachloroethene	ND	0.00072	EPA 8260D	8-11-21	8-11-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	104	78-128				
4-Bromofluorobenzene	95	71-130				



Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-8-65.0					
Laboratory ID:	08-084-04					
Vinyl Chloride	ND	0.00074	EPA 8260D	8-11-21	8-11-21	
(trans) 1,2-Dichloroethene	ND	0.00074	EPA 8260D	8-11-21	8-11-21	
(cis) 1,2-Dichloroethene	ND	0.00074	EPA 8260D	8-11-21	8-11-21	
Trichloroethene	ND	0.00074	EPA 8260D	8-11-21	8-11-21	
Tetrachloroethene	ND	0.00074	EPA 8260D	8-11-21	8-11-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	115	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	99	71-130				
Client ID:	FB-8-70.0					
Laboratory ID:	08-084-05					
Vinyl Chloride	ND	0.00075	EPA 8260D	8-11-21	8-11-21	
(trans) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	8-11-21	8-11-21	
(cis) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	8-11-21	8-11-21	
Trichloroethene	ND	0.00075	EPA 8260D	8-11-21	8-11-21	
Tetrachloroethene	ND	0.00075	EPA 8260D	8-11-21	8-11-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	100	71-130				
<b>•</b> •••••••						
Client ID:	FB-8-75.0					
Laboratory ID:	08-084-06					
Vinyl Chloride	ND	0.00080	EPA 8260D	8-11-21	8-11-21	
(trans) 1,2-Dichloroethene	ND	0.00080	EPA 8260D	8-11-21	8-11-21	
(cis) 1,2-Dichloroethene	ND	0.00080	EPA 8260D	8-11-21	8-11-21	
Trichloroethene	ND	0.00080	EPA 8260D	8-11-21	8-11-21	
Tetrachloroethene	ND	0.00080	EPA 8260D	8-11-21	8-11-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	97	71-130				



Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-7-5.0					
Laboratory ID:	08-084-07					
Vinyl Chloride	ND	0.00082	EPA 8260D	8-11-21	8-11-21	
(trans) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-11-21	8-11-21	
(cis) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-11-21	8-11-21	
Trichloroethene	ND	0.00082	EPA 8260D	8-11-21	8-11-21	
Tetrachloroethene	0.051	0.00082	EPA 8260D	8-11-21	8-11-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	105	78-128				
4-Bromofluorobenzene	101	71-130				
Client ID:	FB-7-10.0					
Laboratory ID:	08-084-08					
Vinyl Chloride	ND	0.00081	EPA 8260D	8-11-21	8-11-21	
(trans) 1,2-Dichloroethene	ND	0.00081	EPA 8260D	8-11-21	8-11-21	
(cis) 1,2-Dichloroethene	ND	0.00081	EPA 8260D	8-11-21	8-11-21	
Trichloroethene	ND	0.00081	EPA 8260D	8-11-21	8-11-21	
Tetrachloroethene	0.043	0.00081	EPA 8260D	8-11-21	8-11-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	105	78-128				
4-Bromofluorobenzene	101	71-130				
Client ID:	FB-/-15.0					
Laboratory ID:	08-084-09	0.00075		0.44.04	0.44.04	
Vinyl Chloride	ND	0.00075	EPA 8260D	8-11-21	8-11-21	
(trans) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	8-11-21	8-11-21	
(cis) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	8-11-21	8-11-21	
Trichloroethene	ND	0.00075	EPA 8260D	8-11-21	8-11-21	
Tetrachloroethene	0.032	0.00075	EPA 8260D	8-11-21	8-11-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	102	71-130				



Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-7-20.0					
Laboratory ID:	08-084-10					
Vinyl Chloride	ND	0.00095	EPA 8260D	8-11-21	8-11-21	
(trans) 1,2-Dichloroethene	ND	0.00095	EPA 8260D	8-11-21	8-11-21	
(cis) 1,2-Dichloroethene	ND	0.00095	EPA 8260D	8-11-21	8-11-21	
Trichloroethene	ND	0.00095	EPA 8260D	8-11-21	8-11-21	
Tetrachloroethene	0.0067	0.00095	EPA 8260D	8-11-21	8-11-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	101	71-130				
Client ID:	FB-7-25.0					
Laboratory ID:	08-084-11					
Vinyl Chloride	ND	0.00070	EPA 8260D	8-11-21	8-11-21	
(trans) 1,2-Dichloroethene	ND	0.00070	EPA 8260D	8-11-21	8-11-21	
(cis) 1,2-Dichloroethene	ND	0.00070	EPA 8260D	8-11-21	8-11-21	
Trichloroethene	ND	0.00070	EPA 8260D	8-11-21	8-11-21	
Tetrachloroethene	0.0025	0.00070	EPA 8260D	8-11-21	8-11-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	102	71-130				
	FB-7-30.0					
Laboratory ID:	08-084-12	0.0044		0.44.04	0.44.04	
	ND	0.0011	EPA 8260D	8-11-21	8-11-21	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-11-21	8-11-21	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-11-21	8-11-21	
Irichloroethene	ND	0.0011	EPA 8260D	8-11-21	8-11-21	
Tetrachloroethene	ND	0.0011	EPA 8260D	8-11-21	8-11-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	101	71-130				



10

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-7-35.0					
Laboratory ID:	08-084-13					
Vinyl Chloride	ND	0.00097	EPA 8260D	8-11-21	8-11-21	
(trans) 1,2-Dichloroethene	ND	0.00097	EPA 8260D	8-11-21	8-11-21	
(cis) 1,2-Dichloroethene	ND	0.00097	EPA 8260D	8-11-21	8-11-21	
Trichloroethene	ND	0.00097	EPA 8260D	8-11-21	8-11-21	
Tetrachloroethene	ND	0.00097	EPA 8260D	8-11-21	8-11-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	102	71-130				
Client ID:	FB-7-40.0					
Laboratory ID:	08-084-14					
Vinyl Chloride	ND	0.00097	EPA 8260D	8-12-21	8-12-21	
(trans) 1,2-Dichloroethene	ND	0.00097	EPA 8260D	8-12-21	8-12-21	
(cis) 1,2-Dichloroethene	ND	0.00097	EPA 8260D	8-12-21	8-12-21	
Trichloroethene	ND	0.00097	EPA 8260D	8-12-21	8-12-21	
Tetrachloroethene	ND	0.00097	EPA 8260D	8-12-21	8-12-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	99	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	98	71-130				
Client ID:	FB-7-45.0					
Laboratory ID:	08-084-15					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	98	71-130				



Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-7-50.0					
Laboratory ID:	08-084-16					
Vinyl Chloride	ND	0.00096	EPA 8260D	8-12-21	8-12-21	
(trans) 1,2-Dichloroethene	ND	0.00096	EPA 8260D	8-12-21	8-12-21	
(cis) 1,2-Dichloroethene	ND	0.00096	EPA 8260D	8-12-21	8-12-21	
Trichloroethene	ND	0.00096	EPA 8260D	8-12-21	8-12-21	
Tetrachloroethene	ND	0.00096	EPA 8260D	8-12-21	8-12-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	103	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	98	71-130				
Client ID:	FB-7-55.0					
Laboratory ID:	08-084-17					
Vinyl Chloride	ND	0.00091	EPA 8260D	8-12-21	8-12-21	
(trans) 1,2-Dichloroethene	ND	0.00091	EPA 8260D	8-12-21	8-12-21	
(cis) 1,2-Dichloroethene	ND	0.00091	EPA 8260D	8-12-21	8-12-21	
Trichloroethene	ND	0.00091	EPA 8260D	8-12-21	8-12-21	
Tetrachloroethene	ND	0.00091	EPA 8260D	8-12-21	8-12-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	74-131				
Toluene-d8	97	78-128				
4-Bromofluorobenzene	91	71-130				
Client ID:	FB-7-60.0					
Laboratory ID:	08-084-18					
Vinyl Chloride	ND	0.00088	EPA 8260D	8-12-21	8-12-21	
(trans) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-12-21	8-12-21	
(cis) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-12-21	8-12-21	
Trichloroethene	ND	0.00088	EPA 8260D	8-12-21	8-12-21	
Tetrachloroethene	ND	0.00088	EPA 8260D	8-12-21	8-12-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	97	71-130				



Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-7-65.0					
Laboratory ID:	08-084-19					
Vinyl Chloride	ND	0.00095	EPA 8260D	8-12-21	8-12-21	
(trans) 1,2-Dichloroethene	ND	0.00095	EPA 8260D	8-12-21	8-12-21	
(cis) 1,2-Dichloroethene	ND	0.00095	EPA 8260D	8-12-21	8-12-21	
Trichloroethene	ND	0.00095	EPA 8260D	8-12-21	8-12-21	
Tetrachloroethene	ND	0.00095	EPA 8260D	8-12-21	8-12-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	96	71-130				
Client ID:	FB-7-70.0					
Laboratory ID:	08-084-20					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	98	71-130				
Client ID <sup>.</sup>	FB-7-74 0					
Laboratory ID:	08-084-21					
Vinvl Chloride	ND	0.00081	EPA 8260D	8-12-21	8-12-21	
(trans) 1.2-Dichloroethene	ND	0.00081	EPA 8260D	8-12-21	8-12-21	
(cis) 1.2-Dichloroethene	ND	0.00081	EPA 8260D	8-12-21	8-12-21	
Trichloroethene	ND	0.00081	EPA 8260D	8-12-21	8-12-21	
Tetrachloroethene	ND	0.00081	EPA 8260D	8-12-21	8-12-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	96	71-130				
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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-2-5.0					
Laboratory ID:	08-084-22					
Vinyl Chloride	ND	0.00098	EPA 8260D	8-12-21	8-12-21	
(trans) 1,2-Dichloroethene	ND	0.00098	EPA 8260D	8-12-21	8-12-21	
(cis) 1,2-Dichloroethene	ND	0.00098	EPA 8260D	8-12-21	8-12-21	
Benzene	ND	0.00098	EPA 8260D	8-12-21	8-12-21	
Trichloroethene	ND	0.00098	EPA 8260D	8-12-21	8-12-21	
Toluene	ND	0.0049	EPA 8260D	8-12-21	8-12-21	
Tetrachloroethene	ND	0.00098	EPA 8260D	8-12-21	8-12-21	
Ethylbenzene	ND	0.00098	EPA 8260D	8-12-21	8-12-21	
m,p-Xylene	ND	0.0020	EPA 8260D	8-12-21	8-12-21	
o-Xylene	ND	0.00098	EPA 8260D	8-12-21	8-12-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	103	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	99	71-130				
Client ID:	FB-2-10.0					
Laboratory ID:	08-084-23					
Vinyl Chloride	ND	0.00087	EPA 8260D	8-12-21	8-12-21	
(trans) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-12-21	8-12-21	
		a aaaa <del>7</del>		0 10 01	0 10 01	

Viriyi Chionae	ND	0.00087	EFA 0200D	0-12-21	0-12-21	
(trans) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-12-21	8-12-21	
(cis) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-12-21	8-12-21	
Benzene	ND	0.00087	EPA 8260D	8-12-21	8-12-21	
Trichloroethene	ND	0.00087	EPA 8260D	8-12-21	8-12-21	
Toluene	ND	0.0044	EPA 8260D	8-12-21	8-12-21	
Tetrachloroethene	ND	0.00087	EPA 8260D	8-12-21	8-12-21	
Ethylbenzene	ND	0.00087	EPA 8260D	8-12-21	8-12-21	
m,p-Xylene	ND	0.0017	EPA 8260D	8-12-21	8-12-21	
o-Xylene	ND	0.00087	EPA 8260D	8-12-21	8-12-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	103	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	99	71-130				



Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-2-15.0					
Laboratory ID:	08-084-24					
Vinyl Chloride	ND	0.00096	EPA 8260D	8-12-21	8-12-21	
(trans) 1,2-Dichloroethene	ND	0.00096	EPA 8260D	8-12-21	8-12-21	
(cis) 1,2-Dichloroethene	ND	0.00096	EPA 8260D	8-12-21	8-12-21	
Benzene	ND	0.00096	EPA 8260D	8-12-21	8-12-21	
Trichloroethene	ND	0.00096	EPA 8260D	8-12-21	8-12-21	
Toluene	ND	0.0048	EPA 8260D	8-12-21	8-12-21	
Tetrachloroethene	ND	0.00096	EPA 8260D	8-12-21	8-12-21	
Ethylbenzene	ND	0.00096	EPA 8260D	8-12-21	8-12-21	
m,p-Xylene	ND	0.0019	EPA 8260D	8-12-21	8-12-21	
o-Xylene	ND	0.00096	EPA 8260D	8-12-21	8-12-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	98	71-130				
Client ID:	FB-2-20.0					
Laboratory ID:	08-084-25					
V fine al Ole Le ui al e	ND	0.00000		0 40 04	0 40 04	

Laboratory ID:	08-084-25					
Vinyl Chloride	ND	0.00090	EPA 8260D	8-12-21	8-12-21	
(trans) 1,2-Dichloroethene	ND	0.00090	EPA 8260D	8-12-21	8-12-21	
(cis) 1,2-Dichloroethene	ND	0.00090	EPA 8260D	8-12-21	8-12-21	
Benzene	ND	0.00090	EPA 8260D	8-12-21	8-12-21	
Trichloroethene	ND	0.00090	EPA 8260D	8-12-21	8-12-21	
Toluene	ND	0.0045	EPA 8260D	8-12-21	8-12-21	
Tetrachloroethene	ND	0.00090	EPA 8260D	8-12-21	8-12-21	
Ethylbenzene	ND	0.00090	EPA 8260D	8-12-21	8-12-21	
m,p-Xylene	ND	0.0018	EPA 8260D	8-12-21	8-12-21	
o-Xylene	ND	0.00090	EPA 8260D	8-12-21	8-12-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	97	71-130				



Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-2-25.0					
Laboratory ID:	08-084-26					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	97	71-130				
Client ID:	FB-2-30.0					
Laboratory ID:	08-084-27					
Vinyl Chloride	ND	0.00095	EPA 8260D	8-12-21	8-12-21	
(trans) 1,2-Dichloroethene	ND	0.00095	EPA 8260D	8-12-21	8-12-21	
(cis) 1,2-Dichloroethene	ND	0.00095	EPA 8260D	8-12-21	8-12-21	
Trichloroethene	ND	0.00095	EPA 8260D	8-12-21	8-12-21	
Tetrachloroethene	ND	0.00095	EPA 8260D	8-12-21	8-12-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	98	74-131				
Toluene-d8	99	78-128				
4-Bromofluorobenzene	96	71-130				
Client ID:	FB-2-35 0					
Laboratory ID.	08-084-28					
Vinvl Chloride	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
(trans) 1.2-Dichloroethene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
(cis) 1.2-Dichloroethene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
Surrogate:	Percent Recovery	Control Limits		0.221	0.22.	
Dibromofluoromethane	98	74-1.31				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	98	71-130				
. 2						



Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-2-40.0					
Laboratory ID:	08-084-29					
Vinyl Chloride	ND	0.00092	EPA 8260D	8-12-21	8-12-21	
(trans) 1,2-Dichloroethene	ND	0.00092	EPA 8260D	8-12-21	8-12-21	
(cis) 1,2-Dichloroethene	ND	0.00092	EPA 8260D	8-12-21	8-12-21	
Trichloroethene	ND	0.00092	EPA 8260D	8-12-21	8-12-21	
Tetrachloroethene	ND	0.00092	EPA 8260D	8-12-21	8-12-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	97	71-130				
Client ID:	FB-2-45.0					
Laboratory ID:	08-084-30					
Vinyl Chloride	ND	0.00098	EPA 8260D	8-12-21	8-12-21	
(trans) 1,2-Dichloroethene	ND	0.00098	EPA 8260D	8-12-21	8-12-21	
(cis) 1,2-Dichloroethene	ND	0.00098	EPA 8260D	8-12-21	8-12-21	
Trichloroethene	ND	0.00098	EPA 8260D	8-12-21	8-12-21	
Tetrachloroethene	0.0017	0.00098	EPA 8260D	8-12-21	8-12-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	97	71-130				
Client ID:	FB-2-50.0					
Laboratory ID:	08-084-31					
Vinyl Chloride	ND	0.00084	EPA 8260D	8-12-21	8-12-21	
(trans) 1,2-Dichloroethene	ND	0.00084	EPA 8260D	8-12-21	8-12-21	
(cis) 1,2-Dichloroethene	ND	0.00084	EPA 8260D	8-12-21	8-12-21	
Trichloroethene	ND	0.00084	EPA 8260D	8-12-21	8-12-21	
Tetrachloroethene	0.0024	0.00084	EPA 8260D	8-12-21	8-12-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	97	71-130				



Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-2-55.0					
Laboratory ID:	08-084-32					
Vinyl Chloride	ND	0.00093	EPA 8260D	8-12-21	8-12-21	
(trans) 1,2-Dichloroethene	ND	0.00093	EPA 8260D	8-12-21	8-12-21	
(cis) 1,2-Dichloroethene	ND	0.00093	EPA 8260D	8-12-21	8-12-21	
Trichloroethene	ND	0.00093	EPA 8260D	8-12-21	8-12-21	
Tetrachloroethene	0.0013	0.00093	EPA 8260D	8-12-21	8-12-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	102	78-128				
4-Bromofluorobenzene	97	71-130				
Client ID:	FB-2-60.0					
Laboratory ID:	08-084-33					
Vinyl Chloride	ND	0.00094	EPA 8260D	8-12-21	8-12-21	
(trans) 1,2-Dichloroethene	ND	0.00094	EPA 8260D	8-12-21	8-12-21	
(cis) 1,2-Dichloroethene	ND	0.00094	EPA 8260D	8-12-21	8-12-21	
Trichloroethene	ND	0.00094	EPA 8260D	8-12-21	8-12-21	
Tetrachloroethene	0.0040	0.00094	EPA 8260D	8-12-21	8-12-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	99	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	97	71-130				
Client ID:						
	<b>FD-2-03.U</b>					
Laboratory ID.	00-004-34	0.00080		0 10 01	0 10 01	
(trans) 4.2 Disblare athens		0.00069		0-12-21	0-12-21	
(trans) 1,2-Dichloroethere		0.00069		0-12-21	0-12-21	
(cis) 1,2-Dichloroethene		0.00089		8-12-21	8-12-21	
	ND	0.00089	EPA 8260D	8-12-21	8-12-21	
		0.00089	EPA 8260D	8-12-21	8-12-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
i oluene-d8	107	78-128				
4-Bromofluorobenzene	100	/1-130				



Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-2-70.0					
Laboratory ID:	08-084-35					
Vinyl Chloride	ND	0.00082	EPA 8260D	8-12-21	8-12-21	
(trans) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-12-21	8-12-21	
(cis) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-12-21	8-12-21	
Trichloroethene	ND	0.00082	EPA 8260D	8-12-21	8-12-21	
Tetrachloroethene	ND	0.00082	EPA 8260D	8-12-21	8-12-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	116	74-131				
Toluene-d8	105	78-128				
4-Bromofluorobenzene	100	71-130				
Client ID:	FB-2-75.0					
Laboratory ID:	08-084-36					
Vinyl Chloride	ND	0.00076	EPA 8260D	8-12-21	8-12-21	
(trans) 1,2-Dichloroethene	ND	0.00076	EPA 8260D	8-12-21	8-12-21	
(cis) 1,2-Dichloroethene	ND	0.00076	EPA 8260D	8-12-21	8-12-21	
Trichloroethene	ND	0.00076	EPA 8260D	8-12-21	8-12-21	
Tetrachloroethene	ND	0.00076	EPA 8260D	8-12-21	8-12-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	98	71-130				



# VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0811S1					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-11-21	8-11-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-11-21	8-11-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-11-21	8-11-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-11-21	8-11-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-11-21	8-11-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	120	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	101	71-130				
Laboratory ID:	MB0812S1					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	116	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	101	71-130				
Laboratory ID:	MB0812S2					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
Benzene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
Toluene	ND	0.0050	EPA 8260D	8-12-21	8-12-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
Ethylbenzene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
m,p-Xylene	ND	0.0020	EPA 8260D	8-12-21	8-12-21	
o-Xylene	ND	0.0010	EPA 8260D	8-12-21	8-12-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	99	74-131				
Toluene-d8	99	78-128				
4-Bromofluorobenzene	97	71-130				



OnSite Environmental, Inc. 14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 (425) 883-3881

# VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike Le	evel	Reco	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB08	11S1								
	SB	SBD	SB S	SBD	SB	SBD				
1,1-Dichloroethene	0.0533	0.0555	0.0500 0.	0500	107	111	71-131	4	19	
Benzene	0.0484	0.0512	0.0500 0.	0500	97	102	73-124	6	18	
Trichloroethene	0.0466	0.0491	0.0500 0.	0500	93	98	79-130	5	18	
Toluene	0.0449	0.0467	0.0500 0.	0500	90	93	76-123	4	18	
Chlorobenzene	0.0441	0.0453	0.0500 0.	0500	88	91	78-122	3	18	
Surrogate:										
Dibromofluoromethane					112	112	74-131			
Toluene-d8					106	108	78-128			
4-Bromofluorobenzene					101	102	71-130			
Laboratory ID:	SB08	12S1								
	SB	SBD	SB S	SBD	SB	SBD				
1,1-Dichloroethene	0.0517	0.0522	0.0500 0.	0500	103	104	71-131	1	19	
Benzene	0.0490	0.0497	0.0500 0.	0500	98	99	73-124	1	18	
Trichloroethene	0.0468	0.0462	0.0500 0.	0500	94	92	79-130	1	18	
Toluene	0.0450	0.0443	0.0500 0.	0500	90	89	76-123	2	18	
Chlorobenzene	0.0440	0.0437	0.0500 0.	0500	88	87	78-122	1	18	
Surrogate:										
Dibromofluoromethane					112	115	74-131			
Toluene-d8					107	108	78-128			
4-Bromofluorobenzene					103	101	71-130			
Laboratory ID:	SB08	12S2								
	SB	SBD	SB S	SBD	SB	SBD				
1,1-Dichloroethene	0.0506	0.0502	0.0500 0.	0500	101	100	71-131	1	19	
Benzene	0.0494	0.0492	0.0500 0.	0500	99	98	73-124	0	18	
Trichloroethene	0.0512	0.0504	0.0500 0.	0500	102	101	79-130	2	18	
Toluene	0.0500	0.0495	0.0500 0.	0500	100	99	76-123	1	18	
Chlorobenzene	0.0513	0.0511	0.0500 0.	0500	103	102	78-122	0	18	
Surrogate:										
Dibromofluoromethane					98	98	74-131			
Toluene-d8					100	101	78-128			
4-Bromofluorobenzene					101	101	71-130			



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#### TOTAL METALS EPA 6010D/7471B

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-2-5.0					
Laboratory ID:	08-084-22					
Arsenic	ND	11	EPA 6010D	8-9-21	8-12-21	
Barium	36	2.6	EPA 6010D	8-9-21	8-12-21	
Cadmium	ND	0.53	EPA 6010D	8-9-21	8-12-21	
Chromium	19	0.53	EPA 6010D	8-9-21	8-12-21	
Lead	ND	5.3	EPA 6010D	8-9-21	8-12-21	
Mercury	ND	0.26	EPA 7471B	8-12-21	8-12-21	
Selenium	ND	11	EPA 6010D	8-9-21	8-12-21	
Silver	ND	1.1	EPA 6010D	8-9-21	8-12-21	



#### TOTAL METALS EPA 6010D/7471B QUALITY CONTROL

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0809SM1					
Arsenic	ND	10	EPA 6010D	8-9-21	8-10-21	
Barium	ND	2.5	EPA 6010D	8-9-21	8-10-21	
Cadmium	ND	0.50	EPA 6010D	8-9-21	8-10-21	
Chromium	ND	0.50	EPA 6010D	8-9-21	8-10-21	
Lead	ND	5.0	EPA 6010D	8-9-21	8-10-21	
Selenium	ND	10	EPA 6010D	8-9-21	8-10-21	
Silver	ND	1.0	EPA 6010D	8-9-21	8-10-21	
Laboratory ID:	MB0812S1					
Mercury	ND	0.25	EPA 7471B	8-12-21	8-12-21	

					Source	Pe	rcent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Rec	overy	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	80-80	34-25									
	ORIG	DUP									
Arsenic	ND	ND	NA	NA		l	NA	NA	NA	20	
Barium	24.0	22.8	NA	NA		I	NA	NA	5	20	
Cadmium	ND	ND	NA	NA		I	NA	NA	NA	20	
Chromium	17.8	16.0	NA	NA		I	NA	NA	11	20	
Lead	ND	ND	NA	NA		I	NA	NA	NA	20	
Selenium	ND	ND	NA	NA		I	NA	NA	NA	20	
Silver	ND	ND	NA	NA		ļ	NA	NA	NA	20	
Laboratory ID:	08-08	33-19									
Mercury	ND	ND	NA	NA			NA	NA	NA	20	
MATRIX SPIKES											
Laboratory ID:	08-08	34-25									
	MS	MSD	MS	MSD		MS	MSD				
Arsenic	89.6	92.2	100	100	ND	90	92	75-125	3	20	
Barium	113	114	100	100	24.0	89	90	75-125	1	20	
Cadmium	44.8	45.5	50.0	50.0	ND	90	91	75-125	2	20	
Chromium	103	106	100	100	17.8	85	89	75-125	3	20	
Lead	230	231	250	250	ND	92	93	75-125	1	20	
Selenium	87.3	87.2	100	100	ND	87	87	75-125	0	20	
Silver	22.2	23.1	25.0	25.0	ND	89	92	75-125	4	20	
Laboratory ID:	08-08	33-19									



0.550

0.570

0.500

Mercury

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0.0155

107

111

80-120

4

20

0.500

Date of Report: August 17, 2021 Samples Submitted: August 6, 2021 Laboratory Reference: 2108-084 Project: 691-023

# % MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FB-8-50.0	08-084-01	10	8-11-21
FB-8-55.0	08-084-02	11	8-11-21
FB-8-60.0	08-084-03	9	8-11-21
FB-8-65.0	08-084-04	8	8-11-21
FB-8-70.0	08-084-05	17	8-11-21
FB-8-75.0	08-084-06	14	8-11-21
FB-7-5.0	08-084-07	13	8-11-21
FB-7-10.0	08-084-08	8	8-11-21
FB-7-15.0	08-084-09	11	8-11-21
FB-7-20.0	08-084-10	6	8-11-21
FB-7-25.0	08-084-11	7	8-11-21
FB-7-30.0	08-084-12	10	8-11-21
FB-7-35.0	08-084-13	6	8-11-21
FB-7-40.0	08-084-14	6	8-11-21
FB-7-45.0	08-084-15	6	8-11-21
FB-7-50.0	08-084-16	8	8-11-21
FB-7-55.0	08-084-17	10	8-11-21
FB-7-60.0	08-084-18	6	8-11-21
FB-7-65.0	08-084-19	9	8-11-21
FB-7-70.0	08-084-20	6	8-11-21
FB-7-74.0	08-084-21	5	8-11-21
FB-2-5.0	08-084-22	5	8-9-21
FB-2-10.0	08-084-23	2	8-9-21
FB-2-15.0	08-084-24	8	8-9-21
FB-2-20.0	08-084-25	5	8-9-21
FB-2-25.0	08-084-26	7	8-13-21
FB-2-30.0	08-084-27	7	8-13-21

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Date of Report: August 17, 2021 Samples Submitted: August 6, 2021 Laboratory Reference: 2108-084 Project: 691-023

# % MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FB-2-35.0	08-084-28	8	8-13-21
FB-2-40.0	08-084-29	6	8-13-21
FB-2-45.0	08-084-30	9	8-13-21
FB-2-50.0	08-084-31	5	8-13-21
FB-2-55.0	08-084-32	6	8-13-21
FB-2-60.0	08-084-33	7	8-13-21
FB-2-65.0	08-084-34	8	8-13-21
FB-2-70.0	08-084-35	7	8-13-21
FB-2-75.0	08-084-36	10	8-13-21



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### **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.

Ζ-

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



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Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished	Signature	10 FB-7 - 20.0	9 FB-7 - 15.0	8 13-7 - 10.0	7 13-7 - 50	6 FB-8-75.0	5 18-8-70.0	4 18-8-65.0	3 FB-8-60.0	2 FB-8-55.0	1 FB-8-50.0	Lab ID Sample Identification	Samples by Greg Reters	Froject Manager: Logon Schumpter	Project Name: Mann St Place	691-023	Company: Foundary	14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Environmental Inc.
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August 18, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-098

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 9, 2021.

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: August 18, 2021 Samples Submitted: August 9, 2021 Laboratory Reference: 2108-098 Project: 691-023

### **Case Narrative**

Samples were collected on August 9, 2021 and received by the laboratory on August 9, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



OnSite Environmental, Inc. 14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 (425) 883-3881

# GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Soil Units: mg/kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-3-5.0					
Laboratory ID:	08-098-01					
Gasoline	ND	4.4	NWTPH-Gx	8-11-21	8-11-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	95	66-129				
Client ID:	FB-3-10.0					
Laboratory ID:	08-098-02					
Gasoline	ND	4.1	NWTPH-Gx	8-11-21	8-11-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	95	66-129				
Client ID:	FB-3-15.0					
Laboratory ID:	08-098-03					
Gasoline	ND	4.1	NWTPH-Gx	8-11-21	8-11-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	95	66-129				
Client ID:	FB-3-20.0					
Laboratory ID:	08-098-04					
Gasoline	ND	4.2	NWTPH-Gx	8-11-21	8-11-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	91	66-129				



### GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Soil Units: mg/kg (ppm)

······								Date	Date	)	
Analyte		Result		PQL	Me	ethod		Prepared	Analyz	ed	Flags
METHOD BLANK											
Laboratory ID:		MB0811S1									
Gasoline		ND		5.0	NW	ГРН-Gx		8-11-21	8-11-2	21	
Surrogate:	Pe	rcent Recover	y Cor	ntrol Lim	its						
Fluorobenzene		93	(	66-129							
					Source	Perc	ent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Reco	very	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	08-1 <i>1</i>	14-01									
	ORIG	DUP									
Gasoline	ND	ND	NA	NA		N	4	NA	NA	30	
Surrogate:											
Fluorobenzene						95	96	66-129			



# DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-3-5.0					
Laboratory ID:	08-098-01					
Diesel Range Organics	ND	27	NWTPH-Dx	8-17-21	8-17-21	
Lube Oil Range Organics	ND	55	NWTPH-Dx	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	90	50-150				
Client ID:	FB-3-10.0					
Laboratory ID:	08-098-02					
Diesel Range Organics	ND	27	NWTPH-Dx	8-17-21	8-17-21	
Lube Oil Range Organics	ND	55	NWTPH-Dx	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	83	50-150				
Client ID:	FB-3-15.0					
Laboratory ID:	08-098-03					
Diesel Range Organics	ND	27	NWTPH-Dx	8-17-21	8-17-21	
Lube Oil Range Organics	ND	55	NWTPH-Dx	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	84	50-150				
Client ID:	FB-3-20 0					
Laboratory ID:	08-098-04					
Diesel Range Organics	ND	27		8-17-21	8-17-21	
Lube Oil Range Organics	ND	54	NWTPH-Dx	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits		0 2.	0 2.	
o-Terphenyl	96	50-150				



#### DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0817S1					
Diesel Range Organics	ND	25	NWTPH-Dx	8-17-21	8-17-21	
Lube Oil Range Organics	ND	50	NWTPH-Dx	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	75	50-150				

• • •	-		<b>.</b>		Source	Perc	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Reco	overy	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	SB08	317S1									
	ORIG	DUP									
Diesel Fuel #2	85.5	80.9	NA	NA		N.	A	NA	6	NA	
Surrogate:											
o-Terphenyl						94	87	50-150			



Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-3-5.0					
Laboratory ID:	08-098-01					
Vinyl Chloride	ND	0.00066	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.00066	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00066	EPA 8260D	8-13-21	8-13-21	
Benzene	ND	0.00066	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.00066	EPA 8260D	8-13-21	8-13-21	
Toluene	ND	0.0033	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	ND	0.00066	EPA 8260D	8-13-21	8-13-21	
Ethylbenzene	ND	0.00066	EPA 8260D	8-13-21	8-13-21	
m,p-Xylene	ND	0.0013	EPA 8260D	8-13-21	8-13-21	
o-Xylene	ND	0.00066	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	96	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	100	71-130				
Client ID:	FB-3-10.0					
Laboratory ID:	08-098-02					
Vinyl Chloride	ND	0.00069	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.00069	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00069	EPA 8260D	8-13-21	8-13-21	
Benzene	ND	0.00069	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.00069	EPA 8260D	8-13-21	8-13-21	
Toluene	ND	0.0035	EPA 8260D	8-13-21	8-13-21	

0.00069

0.00069

EPA 8260D

EPA 8260D

EPA 8260D

EPA 8260D

8-13-21

8-13-21

8-13-21

8-13-21

8-13-21

8-13-21

8-13-21

8-13-21



ND

ND



Tetrachloroethene

Ethylbenzene

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-3-15.0					
Laboratory ID:	08-098-03					
Vinyl Chloride	ND	0.00074	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.00074	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00074	EPA 8260D	8-13-21	8-13-21	
Benzene	ND	0.00074	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.00074	EPA 8260D	8-13-21	8-13-21	
Toluene	ND	0.0037	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	ND	0.00074	EPA 8260D	8-13-21	8-13-21	
Ethylbenzene	ND	0.00074	EPA 8260D	8-13-21	8-13-21	
m,p-Xylene	ND	0.0015	EPA 8260D	8-13-21	8-13-21	
o-Xylene	ND	0.00074	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	98	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	97	71-130				
Client ID:	FB-3-20.0					
Laboratory ID:	08-098-04					
Vinyl Chloride	ND	0.00070	EPA 8260D	8-13-21	8-13-21	

Laboratory ID.	00-030-0-					
Vinyl Chloride	ND	0.00070	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.00070	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00070	EPA 8260D	8-13-21	8-13-21	
Benzene	ND	0.00070	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.00070	EPA 8260D	8-13-21	8-13-21	
Toluene	ND	0.0035	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	ND	0.00070	EPA 8260D	8-13-21	8-13-21	
Ethylbenzene	ND	0.00070	EPA 8260D	8-13-21	8-13-21	
m,p-Xylene	ND	0.0014	EPA 8260D	8-13-21	8-13-21	
o-Xylene	ND	0.00070	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	99	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	97	71-130				



Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-3-25.0					
Laboratory ID:	08-098-05					
Vinyl Chloride	ND	0.00079	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.00079	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00079	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.00079	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	ND	0.00079	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	98	74-131				
Toluene-d8	99	78-128				
4-Bromofluorobenzene	97	71-130				
Client ID:	FB-3-30.0					
Laboratory ID:	08-098-06					
Vinyl Chloride	ND	0.00071	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.00071	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00071	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.00071	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	ND	0.00071	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	97	71-130				
Client ID:	FB-3-35.0					
Laboratory ID:	08-098-07					
Vinyl Chloride	ND	0.00096	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.00096	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00096	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.00096	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	ND	0.00096	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	98	71-130				
Surrogate: Dibromofluoromethane Toluene-d8 4-Bromofluorobenzene	Percent Recovery 100 100 98	Control Limits 74-131 78-128 71-130				



Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-3-40.0					
Laboratory ID:	08-098-08					
Vinyl Chloride	ND	0.00085	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.00085	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	0.0099	0.00085	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	99	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	96	71-130				
Client ID:	FB-3-45.0					
Laboratory ID:	08-098-09					
Vinyl Chloride	ND	0.00078	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.00078	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00078	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.00078	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	0.0037	0.00078	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	98	74-131				
Toluene-d8	98	78-128				
4-Bromofluorobenzene	94	71-130				
Client ID:	FB-3-50.0					
Laboratory ID:	08-098-10					
Vinyl Chloride	ND	0.00085	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.00085	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	0.0097	0.00085	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	96	71-130				


Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-3-55.0					
Laboratory ID:	08-098-11					
Vinyl Chloride	ND	0.00075	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.00075	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	ND	0.00075	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	99	78-128				
4-Bromofluorobenzene	96	71-130				
Client ID:	FB-3-60.0					
Laboratory ID:	08-098-12					
Vinyl Chloride	ND	0.00082	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.00082	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	0.0030	0.00082	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	97	71-130				
Client ID:	FB-3-65.0					
Laboratory ID:	08-098-13					
Vinyl Chloride	ND	0.00088	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.00088	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	0.0037	0.00088	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	74-131				
Toluene-d8	102	78-128				
4-Bromofluorobenzene	101	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-3-70.0					
Laboratory ID:	08-098-14					
Vinyl Chloride	ND	0.00079	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.00079	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00079	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.00079	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	0.0039	0.00079	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	98	71-130				
Client ID:	FB-3-75.0					
Laboratory ID:	08-098-15					
Vinyl Chloride	ND	0.00089	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.00089	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	0.0027	0.00089	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	102	78-128				
4-Bromofluorobenzene	98	71-130				
Client ID:	FB-6-5.0					
Laboratory ID:	08-098-16					
Vinyl Chloride	ND	0.00083	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.00083	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00083	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.00083	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	0.0020	0.00083	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	94	74-131				
Toluene-d8	99	78-128				
4-Bromofluorobenzene	96	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-6-10.0					
Laboratory ID:	08-098-17					
Vinyl Chloride	ND	0.00091	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.00091	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00091	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.00091	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	0.0044	0.00091	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	98	71-130				
Client ID:	FB-6-15.0					
Laboratory ID:	08-098-18					
Vinyl Chloride	ND	0.00073	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.00073	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00073	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.00073	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	0.018	0.00073	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	98	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	98	71-130				
Client ID:	FB-6-20.0					
Laboratory ID:	08-098-19					
Vinyl Chloride	ND	0.00080	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.00080	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00080	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.00080	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	0.016	0.00080	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	99	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	98	71-130				



Matrix: Soil Units: mg/kg

Analyte         Result         PQL         Method         Prepared         Analyzed           Client ID:         FB-6-25.0	Flags
Client ID: FB-6-25.0	
Vinyl Chloride ND 0.00075 EPA 8260D 8-13-21 8-13-21	
(trans) 1,2-Dichloroethene ND 0.00075 EPA 8260D 8-13-21 8-13-21	
(cis) 1,2-Dichloroethene ND 0.00075 EPA 8260D 8-13-21 8-13-21	
Trichloroethene ND 0.00075 EPA 8260D 8-13-21 8-13-21	
Tetrachloroethene         0.031         0.00075         EPA 8260D         8-13-21         8-13-21	
Surrogate: Percent Recovery Control Limits	
Dibromofluoromethane 100 74-131	
Toluene-d8 101 78-128	
4-Bromofluorobenzene 97 71-130	
Client ID: FB-6-30.0	
Laboratory ID: 08-098-21	
Vinyl Chloride ND 0.00081 EPA 8260D 8-13-21 8-13-21	
(trans) 1,2-Dichloroethene ND 0.00081 EPA 8260D 8-13-21 8-13-21	
(cis) 1,2-Dichloroethene ND 0.00081 EPA 8260D 8-13-21 8-13-21	
Trichloroethene         ND         0.00081         EPA 8260D         8-13-21         8-13-21	
Tetrachloroethene         0.12         0.00081         EPA 8260D         8-13-21         8-13-21	
Surrogate: Percent Recovery Control Limits	
Dibromofluoromethane 110 74-131	
Toluene-d8 106 78-128	
4-Bromofluorobenzene 101 71-130	
Client ID: FB-6-35.0	
Laboratory ID: 08-098-22	
Vinyi Chloride ND 0.00075 EPA 8260D 8-13-21 8-13-21	
(trans) 1,2-Dichloroethene ND 0.00075 EPA 8260D 8-13-21 8-13-21	
(cis) 1,2-Dichloroethene ND 0.00075 EPA 8260D 8-13-21 8-13-21	
Trichloroethene 0.020 0.00075 EPA 8260D 8-13-21 8-13-21	
Tetrachloroethene         1.4         0.039         EPA 8260D         8-17-21         8-17-21	
Surrogate: Percent Recovery Control Limits	
Dibromofluoromethane 111 74-131	
Toluene-d8 103 78-128	
4-Bromofluorobenzene 91 71-130	



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-6-40.0					
Laboratory ID:	08-098-23					
Vinyl Chloride	ND	0.00080	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.00080	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00080	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	0.0039	0.00080	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	0.075	0.00080	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	98	71-130				
Client ID:	FB-6-45.0					
Laboratory ID:	08-098-24					
Vinyl Chloride	ND	0.00076	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.00076	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00076	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.00076	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	ND	0.00076	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	105	78-128				
4-Bromofluorobenzene	96	71-130				
Client ID:						
	<b>FD-0-30.0</b>					
Laboratory ID:	08-098-25	0.00070		0 40 04	0.40.04	
	ND	0.00073	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dicnioroetnene	ND	0.00073	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00073	EPA 8260D	8-13-21	8-13-21	
Irichloroethene	ND	0.00073	EPA 8260D	8-13-21	8-13-21	
Ietrachloroethene	ND	0.00073	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	104	78-128				
4-Bromofluorobenzene	95	71-130				
Toluene-d8 4-Bromofluorobenzene	104 95	78-128 71-130				



				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-6-55.0					
Laboratory ID:	08-098-26					
Vinyl Chloride	ND	0.00078	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.00078	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00078	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.00078	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	ND	0.00078	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	115	74-131				
Toluene-d8	105	78-128				
4-Bromofluorobenzene	101	71-130				
Client ID:	FB-6-60.0					
Laboratory ID:	08-098-27					
Vinyl Chloride	ND	0.00071	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.00071	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00071	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.00071	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	ND	0.00071	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	105	78-128				
4-Bromofluorobenzene	98	71-130				
<b>•</b> •••••••						
Client ID:	FB-6-65.0					
Laboratory ID:	08-098-28					
Vinyl Chloride	ND	0.00074	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.00074	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00074	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.00074	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	ND	0.00074	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	105	78-128				
4-Bromofluorobenzene	93	71-130				



Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-6-70.0					
Laboratory ID:	08-098-29					
Vinyl Chloride	ND	0.00069	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.00069	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.00069	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.00069	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.00069	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	105	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	95	71-130				
Client ID:	FB-6-75.0					
Laboratory ID:	08-098-30					
Vinyl Chloride	ND	0.00075	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.00075	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	ND	0.00075	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	99	71-130				



## VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0813S1					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	115	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	102	71-130				
Laboratory ID:	MB0813S2					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-13-21	8-13-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-13-21	8-13-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-13-21	8-13-21	
Benzene	ND	0.0010	EPA 8260D	8-13-21	8-13-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-13-21	8-13-21	
Toluene	ND	0.0050	EPA 8260D	8-13-21	8-13-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-13-21	8-13-21	
Ethylbenzene	ND	0.0010	EPA 8260D	8-13-21	8-13-21	
m,p-Xylene	ND	0.0020	EPA 8260D	8-13-21	8-13-21	
o-Xylene	ND	0.0010	EPA 8260D	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	98	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	98	71-130				
Laboratory ID:	MB0817S1					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	104	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	105	71-130				



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## VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

				Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike Level	Reco	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS									
Laboratory ID:	SB08	13S1							
	SB	SBD	SB SBD	SB	SBD				
1,1-Dichloroethene	0.0529	0.0531	0.0500 0.0500	106	106	71-131	0	19	
Benzene	0.0496	0.0501	0.0500 0.0500	99	100	73-124	1	18	
Trichloroethene	0.0470	0.0458	0.0500 0.0500	94	92	79-130	3	18	
Toluene	0.0455	0.0441	0.0500 0.0500	91	88	76-123	3	18	
Chlorobenzene	0.0442	0.0440	0.0500 0.0500	88	88	78-122	0	18	
Surrogate:									
Dibromofluoromethane				111	114	74-131			
Toluene-d8				107	105	78-128			
4-Bromofluorobenzene				102	102	71-130			
Laboratory ID:	SB08	13S2							
	SB	SBD	SB SBD	SB	SBD				
1,1-Dichloroethene	0.0495	0.0478	0.0500 0.0500	99	96	71-131	3	19	
Benzene	0.0487	0.0478	0.0500 0.0500	97	96	73-124	2	18	
Trichloroethene	0.0499	0.0477	0.0500 0.0500	100	95	79-130	5	18	
Toluene	0.0493	0.0473	0.0500 0.0500	99	95	76-123	4	18	
Chlorobenzene	0.0498	0.0479	0.0500 0.0500	100	96	78-122	4	18	
Surrogate:									
Dibromofluoromethane				99	100	74-131			
Toluene-d8				101	100	78-128			
4-Bromofluorobenzene				101	100	71-130			
Laboratory ID:	SB08	17S1							
	SB	SBD	SB SBD	SB	SBD				
1,1-Dichloroethene	0.0579	0.0571	0.0500 0.0500	116	114	71-131	1	19	
Benzene	0.0519	0.0515	0.0500 0.0500	104	103	73-124	1	18	
Trichloroethene	0.0491	0.0478	0.0500 0.0500	98	96	79-130	3	18	
Toluene	0.0489	0.0477	0.0500 0.0500	98	95	76-123	2	18	
Chlorobenzene	0.0475	0.0467	0.0500 0.0500	95	93	78-122	2	18	
Surrogate:									
Dibromofluoromethane				104	106	74-131			
Toluene-d8				108	108	78-128			
4-Bromofluorobenzene				106	104	71-130			



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Date of Report: August 18, 2021 Samples Submitted: August 9, 2021 Laboratory Reference: 2108-098 Project: 691-023

# % MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FB-3-5.0	08-098-01	8	8-16-21
FB-3-10.0	08-098-02	8	8-16-21
FB-3-15.0	08-098-03	9	8-16-21
FB-3-20.0	08-098-04	8	8-16-21
FB-3-25.0	08-098-05	12	8-16-21
FB-3-30.0	08-098-06	7	8-16-21
FB-3-35.0	08-098-07	15	8-16-21
FB-3-40.0	08-098-08	9	8-16-21
FB-3-45.0	08-098-09	7	8-16-21
FB-3-50.0	08-098-10	9	8-16-21
FB-3-55.0	08-098-11	3	8-16-21
FB-3-60.0	08-098-12	7	8-16-21
FB-3-65.0	08-098-13	2	8-16-21
FB-3-70.0	08-098-14	2	8-16-21
FB-3-75.0	08-098-15	7	8-16-21
FB-6-5.0	08-098-16	9	8-16-21
FB-6-10.0	08-098-17	10	8-16-21
FB-6-15.0	08-098-18	11	8-16-21
FB-6-20.0	08-098-19	6	8-16-21
FB-6-25.0	08-098-20	7	8-16-21
FB-6-30.0	08-098-21	6	8-16-21
FB-6-35.0	08-098-22	6	8-16-21
FB-6-40.0	08-098-23	7	8-16-21
FB-6-45.0	08-098-24	6	8-16-21
FB-6-50.0	08-098-25	8	8-16-21
FB-6-55.0	08-098-26	9	8-16-21
FB-6-60.0	08-098-27	9	8-16-21

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Date of Report: August 18, 2021 Samples Submitted: August 9, 2021 Laboratory Reference: 2108-098 Project: 691-023

# % MOISTURE

			Date
Client ID	Lab ID	% Moisture	Analyzed
FB-6-65.0	08-098-28	9	8-16-21
FB-6-70.0	08-098-29	11	8-16-21
FB-6-75.0	08-098-30	8	8-16-21



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#### **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.

Ζ-

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



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Reviewed/Date	Received	Relinquished	Received	Relinquished	Received Michaulter	Relinquished	Signature	W FB-3- 50.0	9 FB-3- 45.0	8 18-3 - 40.0	J FB-3 - 350	6 15-3-30.0	S FB-3 - 25.0	4 18-3 - 20.0	3 FB-3 - 15.0	2 FB-3 - 10.0	1 FB-3-5.0	Lab ID Sample Identification	sampled by: Great Feters	Project Manager: Logan Schumacer	Project Name: Main St Place	Project Number:	Company: Favallan	Analytical Laboratory Testing Services 14648 NE 95th Street + Redmond, WA 98052 Phone: (425) 883-3881 + www.onsite-env.com	OnSite Environmental Inc.
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					1726	9221	Time	X	X	X	X	×	×	X	X	×	X	Volatil Halog EDB E	enated EPA 80	0D Volatile 11 (Wate	s 8260D ers Only	) 5ha	Alist	Number:	
Chromatograms with final report   Electronic Data Deliverables (EDDs)	Data Package: Standard 🛛 Level III 🗌 Level IV 🗌				chloride	shortlist : PCE, TCE, Cist-trans-DCE, Kiny)	Comments/Special Instructions											Semix (with I PAHs PCBs Organ Organ Chlori Total I Total I Total I Total I TCLP HEM	volatiles ow-lev 8270E 8082A nochlor nophosj inated / MTCA   Metals (oil and (oil and	s 8270E. el PAHs /SIM (lov ine Pest ohorus F Acid Her Metals grease)	/SIM ) w-level) icides 8 Pesticides rbicides	081B es 8270 8151A	DE/SIM	860-80	Page_1_of

Reviewed/Date	Received	Relinquished	Received	Relinquished	Received Michillon Harris	Relinquished	Signature	20 FB-6- 25.0	19 PB-6-20.0	18 FB-6- 15:0	17 FB-6- 10.0	14 FB-6-5.0	15 FB-3 - 75.0	14 13-3- 70.0	13 13-650	12 13-3-60.0	11 FB-3-55-0	Lab ID Sample Identification	Samples up. Greeg Pokes	Project Manager: Logan Schumacer	Project Name: Wark St Place	Project Number: 691-023	Company: Farallon	14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Environmental Inc.
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Reviewed/Date					A DE	- favallon	Company	1 1620 1 H	16.7m	1615	1610	1600	5451	1540	1510	1 1500 1 1	2 (Losy achi 19/6/9	Date Time Sampled Sampled Matrix	(other)		Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(Check One)	Turnaround Request (in working days)	Chain of
					89121 1726	32L) . 15/48	Date Time	X	×	×	X	X	X	X	X	X	X	NWTF NWTF NWTF NWTF Volati Halog	PH-HCI PH-Gx/ PH-Gx PH-Dx ( les 826 enated EPA 80	D BTEX D Acid 0D Volatil	d / SG C es 8260 ters Onl	Clean-u D 5)	(q il Kon	37	Laboratory Number:	Custody
Chromatograms with final report 🗌 Electronic Data Deliverable	Data Package: Standard  Level III  Level IV					6 See page 1	Comments/Special Instructions											Semix (with ) PAHs PCBs Orgar Orgar Chlor Total ) Total ) Total ) TOLP HEM	volatile: low-lev 8270E 8082/A nochlor nophos inated RCRA I MTCA Metals (oil anc	s 82701 (SIM (I) ine Pes bhorus Acid H Metals greas	e/SIM s) pw-level rticides Pesticide erbicide	) 8081B des 827 s 8151	70E/SIN	M	860-80	Page 3 of 3
₃s (EDDs) 🗌								1									X	% Mo	isture							



August 19, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-111

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 10, 2021.

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: August 19, 2021 Samples Submitted: August 10, 2021 Laboratory Reference: 2108-111 Project: 691-023

#### **Case Narrative**

Samples were collected on August 10, 2021 and received by the laboratory on August 10, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



OnSite Environmental, Inc. 14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 (425) 883-3881

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-11-5.0					
Laboratory ID:	08-111-01					
Vinyl Chloride	ND	0.00081	EPA 8260D	8-14-21	8-14-21	
(trans) 1,2-Dichloroethene	ND	0.00081	EPA 8260D	8-14-21	8-14-21	
(cis) 1,2-Dichloroethene	ND	0.00081	EPA 8260D	8-14-21	8-14-21	
Trichloroethene	ND	0.00081	EPA 8260D	8-14-21	8-14-21	
Tetrachloroethene	0.0096	0.00081	EPA 8260D	8-14-21	8-14-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	99	71-130				
Client ID:	FMW-11-10.0					
Laboratory ID:	08-111-02					
Vinyl Chloride	ND	0.00076	EPA 8260D	8-14-21	8-14-21	
(trans) 1,2-Dichloroethene	ND	0.00076	EPA 8260D	8-14-21	8-14-21	
(cis) 1,2-Dichloroethene	ND	0.00076	EPA 8260D	8-14-21	8-14-21	
Trichloroethene	ND	0.00076	EPA 8260D	8-14-21	8-14-21	
Tetrachloroethene	0.0054	0.00076	EPA 8260D	8-14-21	8-14-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	97	71-130				
Client ID:	FMW-11-15.0					
Laboratory ID:	08-111-03					
Vinyl Chloride	ND	0.00075	EPA 8260D	8-14-21	8-14-21	
(trans) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	8-14-21	8-14-21	
(cis) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	8-14-21	8-14-21	
Trichloroethene	ND	0.00075	EPA 8260D	8-14-21	8-14-21	
Tetrachloroethene	0.0050	0.00075	EPA 8260D	8-14-21	8-14-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	98	71-130				



Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-11-20.0					
Laboratory ID:	08-111-04					
Vinyl Chloride	ND	0.00073	EPA 8260D	8-14-21	8-14-21	
(trans) 1,2-Dichloroethene	ND	0.00073	EPA 8260D	8-14-21	8-14-21	
(cis) 1,2-Dichloroethene	ND	0.00073	EPA 8260D	8-14-21	8-14-21	
Trichloroethene	ND	0.00073	EPA 8260D	8-14-21	8-14-21	
Tetrachloroethene	0.0019	0.00073	EPA 8260D	8-14-21	8-14-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	97	71-130				
Client ID:	FMW-11-25.0					
Laboratory ID:	08-111-05					
Vinyl Chloride	ND	0.00079	EPA 8260D	8-14-21	8-14-21	
(trans) 1,2-Dichloroethene	ND	0.00079	EPA 8260D	8-14-21	8-14-21	
(cis) 1,2-Dichloroethene	ND	0.00079	EPA 8260D	8-14-21	8-14-21	
Trichloroethene	ND	0.00079	EPA 8260D	8-14-21	8-14-21	
Tetrachloroethene	ND	0.00079	EPA 8260D	8-14-21	8-14-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	98	71-130				
Client ID:	FMW-11-30.0					
Laboratory ID:	08-111-06					
Vinyl Chloride	ND	0.00078	EPA 8260D	8-14-21	8-14-21	
(trans) 1,2-Dichloroethene	ND	0.00078	EPA 8260D	8-14-21	8-14-21	
(cis) 1,2-Dichloroethene	ND	0.00078	EPA 8260D	8-14-21	8-14-21	
Trichloroethene	ND	0.00078	EPA 8260D	8-14-21	8-14-21	
Tetrachloroethene	ND	0.00078	EPA 8260D	8-14-21	8-14-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	97	71-130				



4

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-11-35.0					
Laboratory ID:	08-111-07					
Vinyl Chloride	ND	0.00082	EPA 8260D	8-14-21	8-14-21	
(trans) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-14-21	8-14-21	
(cis) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-14-21	8-14-21	
Trichloroethene	ND	0.00082	EPA 8260D	8-14-21	8-14-21	
Tetrachloroethene	ND	0.00082	EPA 8260D	8-14-21	8-14-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	103	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	94	71-130				
Client ID:	FMW-11-40.0					
Laboratory ID:	08-111-08					
Vinyl Chloride	ND	0.00073	EPA 8260D	8-14-21	8-14-21	
(trans) 1,2-Dichloroethene	ND	0.00073	EPA 8260D	8-14-21	8-14-21	
(cis) 1,2-Dichloroethene	ND	0.00073	EPA 8260D	8-14-21	8-14-21	
Trichloroethene	ND	0.00073	EPA 8260D	8-14-21	8-14-21	
Tetrachloroethene	ND	0.00073	EPA 8260D	8-14-21	8-14-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	97	71-130				
Client ID:	FMW-11-45.0					
Laboratory ID:	08-111-09					
Vinyl Chloride	ND	0.00082	EPA 8260D	8-14-21	8-15-21	
(trans) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-14-21	8-15-21	
(cis) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-14-21	8-15-21	
Trichloroethene	ND	0.00082	EPA 8260D	8-14-21	8-15-21	
Tetrachloroethene	ND	0.00082	EPA 8260D	8-14-21	8-15-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	96	71-130				



Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-11-50.0					
Laboratory ID:	08-111-10					
Vinyl Chloride	ND	0.00078	EPA 8260D	8-14-21	8-15-21	
(trans) 1,2-Dichloroethene	ND	0.00078	EPA 8260D	8-14-21	8-15-21	
(cis) 1,2-Dichloroethene	ND	0.00078	EPA 8260D	8-14-21	8-15-21	
Trichloroethene	ND	0.00078	EPA 8260D	8-14-21	8-15-21	
Tetrachloroethene	ND	0.00078	EPA 8260D	8-14-21	8-15-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	98	71-130				
Client ID:	FMW-11-55.0					
Laboratory ID:	08-111-11					
Vinyl Chloride	ND	0.00083	EPA 8260D	8-14-21	8-15-21	
(trans) 1,2-Dichloroethene	ND	0.00083	EPA 8260D	8-14-21	8-15-21	
(cis) 1,2-Dichloroethene	ND	0.00083	EPA 8260D	8-14-21	8-15-21	
Trichloroethene	ND	0.00083	EPA 8260D	8-14-21	8-15-21	
Tetrachloroethene	ND	0.00083	EPA 8260D	8-14-21	8-15-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	97	71-130				
Client ID:	FMW-11-60.0					
Laboratory ID:	08-111-12					
Vinyl Chloride	ND	0.00087	EPA 8260D	8-14-21	8-15-21	
(trans) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-14-21	8-15-21	
(cis) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-14-21	8-15-21	
Trichloroethene	ND	0.00087	EPA 8260D	8-14-21	8-15-21	
Tetrachloroethene	ND	0.00087	EPA 8260D	8-14-21	8-15-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	104	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	97	71-130				



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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-11-65.0					
Laboratory ID:	08-111-13					
Vinyl Chloride	ND	0.00076	EPA 8260D	8-14-21	8-15-21	
(trans) 1,2-Dichloroethene	ND	0.00076	EPA 8260D	8-14-21	8-15-21	
(cis) 1,2-Dichloroethene	ND	0.00076	EPA 8260D	8-14-21	8-15-21	
Trichloroethene	ND	0.00076	EPA 8260D	8-14-21	8-15-21	
Tetrachloroethene	ND	0.00076	EPA 8260D	8-14-21	8-15-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	103	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	98	71-130				
Client ID:	FMW-11-70.0					
Laboratory ID:	08-111-14					
Vinyl Chloride	ND	0.00078	EPA 8260D	8-14-21	8-15-21	
(trans) 1,2-Dichloroethene	ND	0.00078	EPA 8260D	8-14-21	8-15-21	
(cis) 1,2-Dichloroethene	ND	0.00078	EPA 8260D	8-14-21	8-15-21	
Trichloroethene	ND	0.00078	EPA 8260D	8-14-21	8-15-21	
Tetrachloroethene	ND	0.00078	EPA 8260D	8-14-21	8-15-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	108	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	99	71-130				
Client ID:	FMW-11-75.0					
Laboratory ID:	08-111-15					
Vinyl Chloride	ND	0.00083	EPA 8260D	8-14-21	8-15-21	
(trans) 1,2-Dichloroethene	ND	0.00083	EPA 8260D	8-14-21	8-15-21	
(cis) 1,2-Dichloroethene	ND	0.00083	EPA 8260D	8-14-21	8-15-21	
Trichloroethene	ND	0.00083	EPA 8260D	8-14-21	8-15-21	
Tetrachloroethene	ND	0.00083	EPA 8260D	8-14-21	8-15-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	97	71-130				



Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-11-80.0					
Laboratory ID:	08-111-16					
Vinyl Chloride	ND	0.00092	EPA 8260D	8-14-21	8-15-21	
(trans) 1,2-Dichloroethene	ND	0.00092	EPA 8260D	8-14-21	8-15-21	
(cis) 1,2-Dichloroethene	ND	0.00092	EPA 8260D	8-14-21	8-15-21	
Trichloroethene	ND	0.00092	EPA 8260D	8-14-21	8-15-21	
Tetrachloroethene	0.039	0.00092	EPA 8260D	8-14-21	8-15-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	99	71-130				
Client ID:	FMW-11-85.0					
Laboratory ID:	08-111-17					
Vinyl Chloride	ND	0.00094	EPA 8260D	8-14-21	8-15-21	
(trans) 1,2-Dichloroethene	ND	0.00094	EPA 8260D	8-14-21	8-15-21	
(cis) 1,2-Dichloroethene	ND	0.00094	EPA 8260D	8-14-21	8-15-21	
Trichloroethene	ND	0.00094	EPA 8260D	8-14-21	8-15-21	
Tetrachloroethene	0.036	0.00094	EPA 8260D	8-14-21	8-15-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	99	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	96	71-130				
Client ID:	FMW-11-90.0					
Laboratory ID:	08-111-18					
Vinyl Chloride	ND	0.00077	EPA 8260D	8-14-21	8-15-21	
(trans) 1,2-Dichloroethene	ND	0.00077	EPA 8260D	8-14-21	8-15-21	
(cis) 1,2-Dichloroethene	ND	0.00077	EPA 8260D	8-14-21	8-15-21	
Trichloroethene	ND	0.00077	EPA 8260D	8-14-21	8-15-21	
Tetrachloroethene	ND	0.00077	EPA 8260D	8-14-21	8-15-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	98	71-130				



				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-11-95.0					
Laboratory ID:	08-111-19					
Vinyl Chloride	ND	0.00088	EPA 8260D	8-14-21	8-15-21	
(trans) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-14-21	8-15-21	
(cis) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-14-21	8-15-21	
Trichloroethene	ND	0.00088	EPA 8260D	8-14-21	8-15-21	
Tetrachloroethene	ND	0.00088	EPA 8260D	8-14-21	8-15-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	94	71-130				
Client ID:	FMW-11-100.0					
Laboratory ID:	08-111-20					
Vinyl Chloride	ND	0.00077	EPA 8260D	8-14-21	8-15-21	
(trans) 1,2-Dichloroethene	ND	0.00077	EPA 8260D	8-14-21	8-15-21	
(cis) 1,2-Dichloroethene	ND	0.00077	EPA 8260D	8-14-21	8-15-21	
Trichloroethene	ND	0.00077	EPA 8260D	8-14-21	8-15-21	
Tetrachloroethene	0.00088	0.00077	EPA 8260D	8-14-21	8-15-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	104	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	99	71-130				
	FIVIVV-11-105.0					
Laboratory ID:	08-111-21	0.00074		0.40.04	0.40.04	
	ND	0.00074	EPA 8260D	8-10-21	8-10-21	
(trans) 1,2-Dichloroethene	ND	0.00074	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00074	EPA 8260D	8-16-21	8-16-21	
Irichloroethene	ND	0.00074	EPA 8260D	8-16-21	8-16-21	
Ietrachloroethene	ND	0.00074	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	97	71-130				



				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-11-110.0					
Laboratory ID:	08-111-22					
Vinyl Chloride	ND	0.00074	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00074	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00074	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.00074	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.00074	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	104	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	94	71-130				
Client ID:	FMW-11-115.0					
Laboratory ID:	08-111-23					
Vinyl Chloride	ND	0.00086	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00086	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00086	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.00086	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.00086	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	99	78-128				
4-Bromofluorobenzene	97	71-130				



## VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0814S2					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-14-21	8-14-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-14-21	8-14-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-14-21	8-14-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-14-21	8-14-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-14-21	8-14-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	98	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	99	71-130				
Laboratory ID:	MB0816S2					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	98	71-130				



## VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Rec	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB08	14S2								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0488	0.0475	0.0500	0.0500	98	95	71-131	3	19	
Benzene	0.0483	0.0478	0.0500	0.0500	97	96	73-124	1	18	
Trichloroethene	0.0495	0.0489	0.0500	0.0500	99	98	79-130	1	18	
Toluene	0.0489	0.0481	0.0500	0.0500	98	96	76-123	2	18	
Chlorobenzene	0.0492	0.0490	0.0500	0.0500	98	98	78-122	0	18	
Surrogate:										
Dibromofluoromethane					99	98	74-131			
Toluene-d8					101	100	78-128			
4-Bromofluorobenzene					102	103	71-130			
Laboratory ID:	SB08	16S2								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0532	0.0529	0.0500	0.0500	106	106	71-131	1	19	
Benzene	0.0507	0.0520	0.0500	0.0500	101	104	73-124	3	18	
Trichloroethene	0.0513	0.0512	0.0500	0.0500	103	102	79-130	0	18	
Toluene	0.0506	0.0504	0.0500	0.0500	101	101	76-123	0	18	
Chlorobenzene	0.0508	0.0504	0.0500	0.0500	102	101	78-122	1	18	
Surrogate:										
Dibromofluoromethane					99	101	74-131			
Toluene-d8					101	101	78-128			
4-Bromofluorobenzene					103	102	71-130			



Date of Report: August 19, 2021 Samples Submitted: August 10, 2021 Laboratory Reference: 2108-111 Project: 691-023

# % MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FMW-11-5.0	08-111-01	8	8-17-21
FMW-11-10.0	08-111-02	7	8-17-21
FMW-11-15.0	08-111-03	8	8-17-21
FMW-11-20.0	08-111-04	5	8-17-21
FMW-11-25.0	08-111-05	5	8-17-21
FMW-11-30.0	08-111-06	10	8-17-21
FMW-11-35.0	08-111-07	6	8-17-21
FMW-11-40.0	08-111-08	6	8-17-21
FMW-11-45.0	08-111-09	2	8-17-21
FMW-11-50.0	08-111-10	2	8-17-21
FMW-11-55.0	08-111-11	6	8-17-21
FMW-11-60.0	08-111-12	8	8-17-21
FMW-11-65.0	08-111-13	8	8-17-21
FMW-11-70.0	08-111-14	8	8-17-21
FMW-11-75.0	08-111-15	8	8-17-21
FMW-11-80.0	08-111-16	12	8-17-21
FMW-11-85.0	08-111-17	4	8-17-21
FMW-11-90.0	08-111-18	6	8-17-21
FMW-11-95.0	08-111-19	6	8-17-21
FMW-11-100.0	08-111-20	7	8-17-21
FMW-11-105.0	08-111-21	7	8-17-21
FMW-11-110.0	08-111-22	9	8-17-21
FMW-11-115.0	08-111-23	12	8-17-21



OnSite Environmental, Inc. 14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 (425) 883-3881



#### **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.

Ζ-

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



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Reviewed/Date	Received	Relinquished	Received	Relinquished	Received We hold Au	Relinquished	Signature	10 FMW-11-50.0	9 FMW-U- 45.0	8 FMin-11- 40.0	7 FMW 11-35:0	6 FMW-11- 30.0	5 Fmil-11- 25.0	4 FMW-11-20:0	3 FMW-11-15.0	2 Fmw-11- 10.0	1 FMW-11-50	Lab ID Sample Identification	Sampler by Greg Return	Complete hur bogon Schumacer	Project Name: Moun St Mace	Project Names	Company: Favallen	14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Environmental Inc.
Reviewed/Date					U ONE	Fourceller	Company	A Siel A	1115	1100	046	94S	026	915	655	1 1947 1	8/10/21 840 Soil	Date Time Sampled Sampled Matrix	(other)	]	Standard (7 Days)	2 Days 3 Days	Same Day	(in working days)	Chain
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Chromatograms with final report 🗌 Electronic Data Deliverables (EDD	Data Package: Standard 🛛 Level III 🗍 Level IV 🗌	745 Shorthet? PCE, TCE, Cis-Itans-DCE 745 Vingl chloride.					Comments/Special Instructions											EDB E Semiv (with 1 PAHs PCBs Organ Organ Chlori Total f Total f Total f TCLP HEM (	PA 80 ovatile: 8270E 8082A ochlor ophosi nated / RCRA I Metals oil and	11 (Wat s 8270E el PAHs /SIM (lo ine Pes phorus Acid He Metals i grease	/SIM //SIM w-level) ticides 8 Pesticides rbicides	081B es 827( 8151A	DE/SIM	ber: U8 - 1 1 1	Page 1 of 3

Reviewed/Date	Received	Relinquished	Received	Relinquished	Received Mario Dy	Relinquished	Signature	20 FMW-11-100.6	19 FMW-11-95.0	18 FMW-11-90.0	17 FMW-11-BSED	(4 FMW-il- 80.0	15 FMW-11- 750	14 timeril- 70:0	B FMW-11-65.0	12 FARW-11 - 60:0	11 FMW-11- 55:0	Lab ID Sample Identification	sampled by: Gree Refers	river manager. Josen Chumacer	Project Name: Moun St Place	Fright Number	Company:	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	OnSite Environmental Inc.
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					Shur 121018	8/10/21 1745	Date Time	Number of Containers       NWTPH-HCID       NWTPH-Gx/BTEX       NWTPH-Gx       NWTPH-Dx (	A	Laboratory Numbe	Custody
Chromatograms with final report  Electronic Data Deliverables (ED	She may 4 She may 4 Data Package: Standard   Level III   Level IV   Chromatograms with final report   Electronic Data Deliverables (EDDe)					She page 1	Comments/Special Instructions	EDB EPA 8011 (Waters Only)         Semivolatiles 8270E /SIM (with low-level PAHs)         PAHs 8270E/SIM (low-level)         PCBs 8082A         Organochlorine Pesticides 8081B         Organophosphorus Pesticides 8081B         Organophosphorus Pesticides 8270E/SIM         Chlorinated Acid Herbicides 8151A         Total RCRA Metals         Total MTCA Metals         TCLP Metals         HEM (oil and grease) 1664A         HEM (oil and grease) 1664A	BIM	er: 08-111	Page 3 of 3



August 20, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-130

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 11, 2021.

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: August 20, 2021 Samples Submitted: August 11, 2021 Laboratory Reference: 2108-130 Project: 691-023

#### **Case Narrative**

Samples were collected on August 11, 2021 and received by the laboratory on August 11, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



# GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Soil Units: mg/kg (ppm)

0 0 1 /				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-12-5.0					
Laboratory ID:	08-130-01					
Gasoline	ND	4.1	NWTPH-Gx	8-13-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	99	66-129				
Client ID:	FMW-12-10.0					
Laboratory ID:	08-130-02					
Gasoline	ND	3.9	NWTPH-Gx	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	107	66-129				
Client ID:	FMW-12-15.0					
Laboratory ID:	08-130-03					
Gasoline	ND	4.5	NWTPH-Gx	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	106	66-129				
Client ID:	FMW-12-20.0					
Laboratory ID:	08-130-04					
Gasoline	ND	4.0	NWTPH-Gx	8-13-21	8-13-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	108	66-129				



#### GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Soil Units: mg/kg (ppm)

······							Date	Date	)		
Analyte		Result	PQL	Me	ethod		Prepared	Analyz	ed	Flags	
METHOD BLANK											
Laboratory ID:		MB0813S2									
Gasoline	ND		5.0	NW	TPH-Gx		8-13-21	8-13-2	21		
Surrogate:	Per	rcent Recover	y Control Lin	nits							
Fluorobenzene		100	66-129								
				Source	Perce	ent	Recovery		RPD		
Analyte	Res	sult	Spike Level	Result	Recov	very	Limits	RPD	Limit	Flags	
DUPLICATE											
Laboratory ID:	08-14	7-02									
	ORIG	DUP									
Gasoline	ND	ND	NA NA		NA	4	NA	NA	30		
Surrogate:											
Fluorobenzene					103	103	66-129				



4
# DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-12-5.0					
Laboratory ID:	08-130-01					
Diesel Range Organics	ND	27	NWTPH-Dx	8-17-21	8-19-21	
Lube Oil Range Organics	ND	55	NWTPH-Dx	8-17-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	76	50-150				
Client ID:	FMW-12-10.0					
Laboratory ID:	08-130-02					
Diesel Range Organics	ND	27	NWTPH-Dx	8-17-21	8-19-21	
Lube Oil Range Organics	ND	54	NWTPH-Dx	8-17-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	88	50-150				
Client ID:	FMW-12-15.0					
Laboratory ID:	08-130-03					
Diesel Range Organics	ND	28	NWTPH-Dx	8-17-21	8-19-21	
Lube Oil Range Organics	ND	55	NWTPH-Dx	8-17-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	84	50-150				
Client ID:	EMW_12_20.0					
Laboratory ID:	08-130-04					
Diesel Range Organics	ND	27		8-17-21	8-10-21	
		21 55		8-17-21	8-10-21	
Surrogate:	Dercent Recovery	Control Limits		0-17-21	0-19-21	
o-Ternhenvl	78	50-150				
	70	30-730				



Date of Report: August 20, 2021 Samples Submitted: August 11, 2021 Laboratory Reference: 2108-130 Project: 691-023

### DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0817S3					
Diesel Range Organics	ND	25	NWTPH-Dx	8-17-21	8-18-21	
Lube Oil Range Organics	ND	50	NWTPH-Dx	8-17-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	91	50-150				

					Source	Perc	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Reco	very	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	08-13	30-01									
	ORIG	DUP									
Diesel Range	ND	ND	NA	NA		N	A	NA	NA	NA	
Lube Oil Range	ND	ND	NA	NA		N	A	NA	NA	NA	
Surrogate:											
o-Terphenyl						83	76	50-150			



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-12-5.0					
Laboratory ID:	08-130-01					
Vinyl Chloride	ND	0.00075	EPA 8260D	8-14-21	8-14-21	
(trans) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	8-14-21	8-14-21	
(cis) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	8-14-21	8-14-21	
Benzene	ND	0.00075	EPA 8260D	8-14-21	8-14-21	
Trichloroethene	ND	0.00075	EPA 8260D	8-14-21	8-14-21	
Toluene	ND	0.0037	EPA 8260D	8-14-21	8-14-21	
Tetrachloroethene	ND	0.00075	EPA 8260D	8-14-21	8-14-21	
Ethylbenzene	ND	0.00075	EPA 8260D	8-14-21	8-14-21	
m,p-Xylene	ND	0.0015	EPA 8260D	8-14-21	8-14-21	
o-Xylene	ND	0.00075	EPA 8260D	8-14-21	8-14-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	108	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	103	71-130				

Client ID:	FMW-12-10.0					
Laboratory ID:	08-130-02					
Vinyl Chloride	ND	0.00081	EPA 8260D	8-14-21	8-14-21	
(trans) 1,2-Dichloroethene	ND	0.00081	EPA 8260D	8-14-21	8-14-21	
(cis) 1,2-Dichloroethene	ND	0.00081	EPA 8260D	8-14-21	8-14-21	
Benzene	ND	0.00081	EPA 8260D	8-14-21	8-14-21	
Trichloroethene	ND	0.00081	EPA 8260D	8-14-21	8-14-21	
Toluene	ND	0.0041	EPA 8260D	8-14-21	8-14-21	
Tetrachloroethene	ND	0.00081	EPA 8260D	8-14-21	8-14-21	
Ethylbenzene	ND	0.00081	EPA 8260D	8-14-21	8-14-21	
m,p-Xylene	ND	0.0016	EPA 8260D	8-14-21	8-14-21	
o-Xylene	ND	0.00081	EPA 8260D	8-14-21	8-14-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	115	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	102	71-130				



Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-12-15.0					
Laboratory ID:	08-130-03					
Vinyl Chloride	ND	0.00090	EPA 8260D	8-14-21	8-14-21	
(trans) 1,2-Dichloroethene	ND	0.00090	EPA 8260D	8-14-21	8-14-21	
(cis) 1,2-Dichloroethene	ND	0.00090	EPA 8260D	8-14-21	8-14-21	
Benzene	ND	0.00090	EPA 8260D	8-14-21	8-14-21	
Trichloroethene	ND	0.00090	EPA 8260D	8-14-21	8-14-21	
Toluene	ND	0.0045	EPA 8260D	8-14-21	8-14-21	
Tetrachloroethene	ND	0.00090	EPA 8260D	8-14-21	8-14-21	
Ethylbenzene	ND	0.00090	EPA 8260D	8-14-21	8-14-21	
m,p-Xylene	ND	0.0018	EPA 8260D	8-14-21	8-14-21	
o-Xylene	ND	0.00090	EPA 8260D	8-14-21	8-14-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	119	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	103	71-130				

Client ID:	FMW-12-20.0					
Laboratory ID:	08-130-04					
Vinyl Chloride	ND	0.00080	EPA 8260D	8-14-21	8-14-21	
(trans) 1,2-Dichloroethene	ND	0.00080	EPA 8260D	8-14-21	8-14-21	
(cis) 1,2-Dichloroethene	ND	0.00080	EPA 8260D	8-14-21	8-14-21	
Benzene	ND	0.00080	EPA 8260D	8-14-21	8-14-21	
Trichloroethene	ND	0.00080	EPA 8260D	8-14-21	8-14-21	
Toluene	ND	0.0040	EPA 8260D	8-14-21	8-14-21	
Tetrachloroethene	ND	0.00080	EPA 8260D	8-14-21	8-14-21	
Ethylbenzene	ND	0.00080	EPA 8260D	8-14-21	8-14-21	
m,p-Xylene	ND	0.0016	EPA 8260D	8-14-21	8-14-21	
o-Xylene	ND	0.00080	EPA 8260D	8-14-21	8-14-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	117	74-131				
Toluene-d8	110	78-128				
4-Bromofluorobenzene	101	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-12-25.0					
Laboratory ID:	08-130-05					
Vinyl Chloride	ND	0.00087	EPA 8260D	8-14-21	8-14-21	
(trans) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-14-21	8-14-21	
(cis) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-14-21	8-14-21	
Trichloroethene	ND	0.00087	EPA 8260D	8-14-21	8-14-21	
Tetrachloroethene	ND	0.00087	EPA 8260D	8-14-21	8-14-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	115	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	102	71-130				

Client ID:	FMW-12-30.0					
Laboratory ID:	08-130-06					
Vinyl Chloride	ND	0.00086	EPA 8260D	8-14-21	8-14-21	
(trans) 1,2-Dichloroethene	ND	0.00086	EPA 8260D	8-14-21	8-14-21	
(cis) 1,2-Dichloroethene	ND	0.00086	EPA 8260D	8-14-21	8-14-21	
Trichloroethene	ND	0.00086	EPA 8260D	8-14-21	8-14-21	
Tetrachloroethene	ND	0.00086	EPA 8260D	8-14-21	8-14-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FMW-12-35.0					
Laboratory ID:	08-130-07					
Vinyl Chloride	ND	0.00087	EPA 8260D	8-14-21	8-14-21	
(trans) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-14-21	8-14-21	
(cis) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-14-21	8-14-21	
Trichloroethene	ND	0.00087	EPA 8260D	8-14-21	8-14-21	
Tetrachloroethene	ND	0.00087	EPA 8260D	8-14-21	8-14-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	99	71-130				



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9

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-12-40.0					
Laboratory ID:	08-130-08					
Vinyl Chloride	ND	0.00094	EPA 8260D	8-14-21	8-15-21	
(trans) 1,2-Dichloroethene	ND	0.00094	EPA 8260D	8-14-21	8-15-21	
(cis) 1,2-Dichloroethene	ND	0.00094	EPA 8260D	8-14-21	8-15-21	
Trichloroethene	ND	0.00094	EPA 8260D	8-14-21	8-15-21	
Tetrachloroethene	ND	0.00094	EPA 8260D	8-14-21	8-15-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	117	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FMW-12-45.0					
Laboratory ID:	08-130-09					
Vinyl Chloride	ND	0.00094	EPA 8260D	8-14-21	8-15-21	
(trans) 1,2-Dichloroethene	ND	0.00094	EPA 8260D	8-14-21	8-15-21	
(cis) 1,2-Dichloroethene	ND	0.00094	EPA 8260D	8-14-21	8-15-21	
Trichloroethene	ND	0.00094	EPA 8260D	8-14-21	8-15-21	
Tetrachloroethene	ND	0.00094	EPA 8260D	8-14-21	8-15-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	116	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	99	71-130				

Client ID:	FMW-12-50.0					
Laboratory ID:	08-130-10					
Vinyl Chloride	ND	0.0011	EPA 8260D	8-14-21	8-15-21	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-14-21	8-15-21	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-14-21	8-15-21	
Trichloroethene	ND	0.0011	EPA 8260D	8-14-21	8-15-21	
Tetrachloroethene	ND	0.0011	EPA 8260D	8-14-21	8-15-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	115	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	100	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-12-55.0					
Laboratory ID:	08-130-11					
Vinyl Chloride	ND	0.00095	EPA 8260D	8-14-21	8-15-21	
(trans) 1,2-Dichloroethene	ND	0.00095	EPA 8260D	8-14-21	8-15-21	
(cis) 1,2-Dichloroethene	ND	0.00095	EPA 8260D	8-14-21	8-15-21	
Trichloroethene	ND	0.00095	EPA 8260D	8-14-21	8-15-21	
Tetrachloroethene	ND	0.00095	EPA 8260D	8-14-21	8-15-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	74-131				
Toluene-d8	110	78-128				
4-Bromofluorobenzene	103	71-130				

Client ID:	FMW-12-60.0					
Laboratory ID:	08-130-12					
Vinyl Chloride	ND	0.00098	EPA 8260D	8-14-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00098	EPA 8260D	8-14-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00098	EPA 8260D	8-14-21	8-16-21	
Trichloroethene	ND	0.00098	EPA 8260D	8-14-21	8-16-21	
Tetrachloroethene	ND	0.00098	EPA 8260D	8-14-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FMW-12-65.0					
Laboratory ID:	08-130-13					
Vinyl Chloride	ND	0.00078	EPA 8260D	8-14-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00078	EPA 8260D	8-14-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00078	EPA 8260D	8-14-21	8-16-21	
Trichloroethene	ND	0.00078	EPA 8260D	8-14-21	8-16-21	
Tetrachloroethene	ND	0.00078	EPA 8260D	8-14-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	101	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-12-70.0					
Laboratory ID:	08-130-14					
Vinyl Chloride	ND	0.00077	EPA 8260D	8-14-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00077	EPA 8260D	8-14-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00077	EPA 8260D	8-14-21	8-16-21	
Trichloroethene	ND	0.00077	EPA 8260D	8-14-21	8-16-21	
Tetrachloroethene	ND	0.00077	EPA 8260D	8-14-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	101	71-130				

Client ID:	FMW-12-75.0					
Laboratory ID:	08-130-15					
Vinyl Chloride	ND	0.00082	EPA 8260D	8-14-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-14-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-14-21	8-16-21	
Trichloroethene	ND	0.00082	EPA 8260D	8-14-21	8-16-21	
Tetrachloroethene	ND	0.00082	EPA 8260D	8-14-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	102	71-130				

Client ID:	FMW-12-80.0					
Laboratory ID:	08-130-16					
Vinyl Chloride	ND	0.00088	EPA 8260D	8-14-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-14-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-14-21	8-16-21	
Trichloroethene	ND	0.00088	EPA 8260D	8-14-21	8-16-21	
Tetrachloroethene	ND	0.00088	EPA 8260D	8-14-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	100	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-12-85.0					
Laboratory ID:	08-130-17					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-14-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-14-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-14-21	8-16-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-14-21	8-16-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-14-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	99	71-130				

Client ID:	FMW-12-90.0					
Laboratory ID:	08-130-18					
Vinyl Chloride	ND	0.00096	EPA 8260D	8-14-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00096	EPA 8260D	8-14-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00096	EPA 8260D	8-14-21	8-16-21	
Trichloroethene	ND	0.00096	EPA 8260D	8-14-21	8-16-21	
Tetrachloroethene	ND	0.00096	EPA 8260D	8-14-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	116	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	102	71-130				

Client ID:	FMW-12-95.0					
Laboratory ID:	08-130-19					
Vinyl Chloride	ND	0.00092	EPA 8260D	8-14-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00092	EPA 8260D	8-14-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00092	EPA 8260D	8-14-21	8-16-21	
Trichloroethene	ND	0.00092	EPA 8260D	8-14-21	8-16-21	
Tetrachloroethene	ND	0.00092	EPA 8260D	8-14-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	100	71-130				



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# VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

0 0				Date	Date		
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags	
METHOD BLANK							
Laboratory ID:	MB0814S1						
Vinyl Chloride	ND	0.0010	EPA 8260D	8-14-21	8-14-21		
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-14-21	8-14-21		
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-14-21	8-14-21		
Benzene	ND	0.0010	EPA 8260D	8-14-21	8-14-21		
Trichloroethene	ND	0.0010	EPA 8260D	8-14-21	8-14-21		
Toluene	ND	0.0050	EPA 8260D	8-14-21	8-14-21		
Tetrachloroethene	ND	0.0010	EPA 8260D	8-14-21	8-14-21		
Ethylbenzene	ND	0.0010	EPA 8260D	8-14-21	8-14-21		
m,p-Xylene	ND	0.0020	EPA 8260D	8-14-21	8-14-21		
o-Xylene	ND	0.0010	EPA 8260D	8-14-21	8-14-21		
Surrogate:	Percent Recovery	Control Limits					
Dibromofluoromethane	108	74-131					
Toluene-d8	108	78-128					
4-Bromofluorobenzene	103	71-130					

					Per	cent	Recovery		RPD	
Analyte	Result Spike Level		Recovery		Limits	RPD	Limit	Flags		
SPIKE BLANKS										
Laboratory ID:	SB08	14S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0528	0.0493	0.0500	0.0500	106	99	71-131	7	19	
Benzene	0.0517	0.0492	0.0500	0.0500	103	98	73-124	5	18	
Trichloroethene	0.0472	0.0464	0.0500	0.0500	94	93	79-130	2	18	
Toluene	0.0473	0.0456	0.0500	0.0500	95	91	76-123	4	18	
Chlorobenzene	0.0460	0.0442	0.0500	0.0500	92	88	78-122	4	18	
Surrogate:										
Dibromofluoromethane					114	109	74-131			
Toluene-d8					108	107	78-128			
4-Bromofluorobenzene					103	102	71-130			



Date of Report: August 20, 2021 Samples Submitted: August 11, 2021 Laboratory Reference: 2108-130 Project: 691-023

# % MOISTURE

			Date
Client ID	Lab ID	% Moisture	Analyzed
FMW-12-5.0	08-130-01	9	8-16-21
FMW-12-10.0	08-130-02	8	8-16-21
FMW-12-15.0	08-130-03	9	8-16-21
FMW-12-20.0	08-130-04	8	8-16-21
FMW-12-25.0	08-130-05	7	8-16-21
FMW-12-30.0	08-130-06	7	8-16-21
FMW-12-35.0	08-130-07	8	8-16-21
FMW-12-40.0	08-130-08	7	8-16-21
FMW-12-45.0	08-130-09	7	8-16-21
FMW-12-50.0	08-130-10	15	8-16-21
FMW-12-55.0	08-130-11	7	8-16-21
FMW-12-60.0	08-130-12	5	8-16-21
FMW-12-65.0	08-130-13	7	8-16-21
FMW-12-70.0	08-130-14	5	8-16-21
FMW-12-75.0	08-130-15	3	8-16-21
FMW-12-80.0	08-130-16	6	8-16-21
FMW-12-85.0	08-130-17	13	8-16-21
FMW-12-90.0	08-130-18	4	8-16-21
FMW-12-95.0	08-130-19	3	8-16-21



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# **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.

Ζ-

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



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Reviewed/Date	Received	Relinquished	Received	Relinquished	Received Milling Ann	Relinquished	Signature 20	10 FMW-12- 50.0	9 FMW-12-450	8 FMW-12- 40-0	7 FMW-12- 35.0	6 FMW-12 - 30,0	5 FMW-12-25.0	4 FMW-12- 20-0	3 FMW-12-150	2 FMW-12-10.0	1 FMW-12-5.0	ab ID Sample Identification	Sampled by: Grea Petus	Project Name: March St Place	69/-023	Company: Farallen	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	OnSite Environmental Inc.
Reviewed/Date					CSE	Favallon	Company	A A OUN A	12/ 1415	1410	1310	1500	0121	0051	140	1 1137 1	Biu/21 1130 Soil 2	Date Time Sampled Sampled Matrix :	(other)	X Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	Turnaround Request (in working days)	Chain of
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Chromatograms with final report	Data Package: Standard  Level III  Level IV				Vingl ethoride.	Shortlist & PCE, TCE, Cis - Mang-DCE,	Comments/Special Instructions											Semiv (with I PAHs PCBs Organ Organ Organ Chlorii Total F Total F Total N TCLP	olatiles 8270E bw-level PAHs 3270E/SIM (lo 8082A bochlorine Pes bochlorine Pes bo	ticides 8 Pesticides rbicides	081B es 8270 8151A	DE/SIM	r: 08-130	Page 1 of 2

Reviewed/Date	Received	Relinquished	Received	Relinquished	Received Nithull Sthan	Relinquished	Signature		19 FMW-12-950	18 FMW-12-90-0	17 FMV-12-86:0	14 FIMW-12-80.0	15 FMW-12-75:0	14 FMW-12 - 70.0	13 FMNU12 - 65:0	12 MW-12-60.0	11 FMW 12-55.0	Lab ID Sample Identification	compared by. Oracle Polles	Project Manager: Jegan Schumacer	Project Name: Marin St Hace	691-023	Company: javellar	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Environmental Inc.
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August 23, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-145

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 13, 2021.

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: August 23, 2021 Samples Submitted: August 13, 2021 Laboratory Reference: 2108-145 Project: 691-023

### **Case Narrative**

Samples were collected on August 12, 2021 and received by the laboratory on August 13, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



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# GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Soil Units: mg/kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-1-5.0					
Laboratory ID:	08-145-01					
Gasoline	ND	5.6	NWTPH-Gx	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	104	66-129				
Client ID:	FB-1-10.0					
Laboratory ID:	08-145-02					
Gasoline	ND	4.7	NWTPH-Gx	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	106	66-129				
Client ID:	FB-1-15.0					
Laboratory ID:	08-145-03					
Gasoline	ND	4.7	NWTPH-Gx	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	100	66-129				
Client ID:	FB-1-20.0					
Laboratory ID:	08-145-04					
Gasoline	ND	4.2	NWTPH-Gx	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	104	66-129				



### GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Soil Units: mg/kg (ppm)

								Date	Date	•	
Analyte		Result		PQL	Me	ethod		Prepared	Analyz	ed	Flags
METHOD BLANK											
Laboratory ID:		MB0816S1									
Gasoline		ND		5.0	NW	「PH-Gx		8-16-21	8-16-2	21	
Surrogate:	Pe	rcent Recover	/ Cont	trol Lim	its						
Fluorobenzene		103	6	6-129							
					Source	Perce	ent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Recov	very	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	08-14	15-01									
	ORIG	DUP									
Gasoline	ND	ND	NA	NA		NA		NA	NA	30	
Surrogate:											
Fluorobenzene						104	101	66-129			



## DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-1-5.0					
Laboratory ID:	08-145-01					
Diesel Range Organics	ND	28	NWTPH-Dx	8-17-21	8-19-21	
Lube Oil Range Organics	ND	55	NWTPH-Dx	8-17-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	75	50-150				
Client ID:	EB 1 10 0					
	08 145 02					
Discol Dange Organice	00-14J-02	07		0 47 04	0.40.04	
Luba Oil Banga Organica		21		0-17-21	0-19-21	
Surregete:	Boroont Booovory	Control Limito		0-17-21	0-19-21	
Surrogale.		CONTOI LINIIS				
o-rerprienyr	80	50-150				
Client ID:	FB-1-15 0					
Laboratory ID:	08-145-03					
Diesel Range Organics	ND	28	NWTPH-Dx	8-17-21	8-19-21	
Lube Oil Range Organics	ND	55	NWTPH-Dx	8-17-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	74	50-150				
Client ID:	FB-1-20.0					
Laboratory ID:	08-145-04					
Diesel Range Organics		27		8-17-21	8-18-21	
Lube Oil Range Organics	ND	53	NWTPH-Dx	8-17-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits		0 2.	0.021	
o-Terphenvl	75	50-150				



Date of Report: August 23, 2021 Samples Submitted: August 13, 2021 Laboratory Reference: 2108-145 Project: 691-023

#### DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0817S3					
Diesel Range Organics	ND	25	NWTPH-Dx	8-17-21	8-18-21	
Lube Oil Range Organics	ND	50	NWTPH-Dx	8-17-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	91	50-150				

					Source	Percent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Recovery	Limits	RPD	Limit	Flags
DUPLICATE										
Laboratory ID:	08-15	52-04								
	ORIG	DUP								
Diesel Range	ND	ND	NA	NA		NA	NA	NA	NA	
Lube Oil Range	ND	ND	NA	NA		NA	NA	NA	NA	
Surrogate:										
o-Terphenyl						89 87	50-150			



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-1-5.0					
Laboratory ID:	08-145-01					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
Benzene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
Toluene	ND	0.0052	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
Ethylbenzene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
m,p-Xylene	ND	0.0021	EPA 8260D	8-16-21	8-16-21	
o-Xylene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	103	71-130				

Client ID:	FB-1-10.0					
Laboratory ID:	08-145-02					
Vinyl Chloride	ND	0.00092	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00092	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00092	EPA 8260D	8-16-21	8-16-21	
Benzene	ND	0.00092	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.00092	EPA 8260D	8-16-21	8-16-21	
Toluene	ND	0.0046	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	0.0030	0.00092	EPA 8260D	8-16-21	8-16-21	
Ethylbenzene	ND	0.00092	EPA 8260D	8-16-21	8-16-21	
m,p-Xylene	ND	0.0018	EPA 8260D	8-16-21	8-16-21	
o-Xylene	ND	0.00092	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	103	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-1-15.0					
Laboratory ID:	08-145-03					
Vinyl Chloride	ND	0.00089	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-16-21	8-16-21	
Benzene	ND	0.00089	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.00089	EPA 8260D	8-16-21	8-16-21	
Toluene	ND	0.0044	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	0.0025	0.00089	EPA 8260D	8-16-21	8-16-21	
Ethylbenzene	ND	0.00089	EPA 8260D	8-16-21	8-16-21	
m,p-Xylene	ND	0.0018	EPA 8260D	8-16-21	8-16-21	
o-Xylene	ND	0.00089	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	103	71-130				

Client ID:	FB-1-20.0					
Laboratory ID:	08-145-04					
Vinyl Chloride	ND	0.00081	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00081	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00081	EPA 8260D	8-16-21	8-16-21	
Benzene	ND	0.00081	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.00081	EPA 8260D	8-16-21	8-16-21	
Toluene	ND	0.0041	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.00081	EPA 8260D	8-16-21	8-16-21	
Ethylbenzene	ND	0.00081	EPA 8260D	8-16-21	8-16-21	
m,p-Xylene	ND	0.0016	EPA 8260D	8-16-21	8-16-21	
o-Xylene	ND	0.00081	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	102	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-1-25.0					
Laboratory ID:	08-145-05					
Vinyl Chloride	ND	0.0011	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.0011	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.0011	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	103	71-130				
Client ID:	FB-1-30.0					
Laboratory ID:	08-145-06					
Vinyl Chloride	ND	0.0011	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.0011	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.0011	EPA 8260D	8-16-21	8-16-21	

Tetrachloroethene	ND	0.0011	EPA 8260D	8-16-21
Surrogate:	Percent Recovery	Control Limits		
Dibromofluoromethane	112	74-131		
Toluene-d8	107	78-128		
4-Bromofluorobenzene	101	71-130		

Client ID:	FB-1-35.0					
Laboratory ID:	08-145-07					
Vinyl Chloride	ND	0.00077	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00077	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00077	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.00077	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.00077	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	110	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	101	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-1-40.0					
Laboratory ID:	08-145-08					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	101	71-130				

Client ID:	FB-1-45.0					
Laboratory ID:	08-145-09					
Vinyl Chloride	ND	0.00088	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.00088	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.00088	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FB-1-50.0					
Laboratory ID:	08-145-10					
Vinyl Chloride	ND	0.00075	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.00075	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.00075	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	102	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-1-55.0					
Laboratory ID:	08-145-11					
Vinyl Chloride	ND	0.00075	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00075	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.00075	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.00075	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	107	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	99	71-130				

Client ID:	FB-1-60.0					
Laboratory ID:	08-145-12					
Vinyl Chloride	ND	0.0011	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.0011	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.0011	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	99	71-130				

Client ID:	FB-1-65.0					
Laboratory ID:	08-145-13					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	91	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-1-70.0					
Laboratory ID:	08-145-14					
Vinyl Chloride	ND	0.00093	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00093	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00093	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.00093	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.00093	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	99	78-128				
4-Bromofluorobenzene	92	71-130				



## VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

0.0				Date	Date		
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags	
METHOD BLANK							
Laboratory ID:	MB0816S1						
Vinyl Chloride	ND	0.0010	EPA 8260D	8-16-21	8-16-21		
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-16-21	8-16-21		
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-16-21	8-16-21		
Benzene	ND	0.0010	EPA 8260D	8-16-21	8-16-21		
Trichloroethene	ND	0.0010	EPA 8260D	8-16-21	8-16-21		
Toluene	ND	0.0050	EPA 8260D	8-16-21	8-16-21		
Tetrachloroethene	ND	0.0010	EPA 8260D	8-16-21	8-16-21		
Ethylbenzene	ND	0.0010	EPA 8260D	8-16-21	8-16-21		
m,p-Xylene	ND	0.0020	EPA 8260D	8-16-21	8-16-21		
o-Xylene	ND	0.0010	EPA 8260D	8-16-21	8-16-21		
Surrogate:	Percent Recovery	Control Limits					
Dibromofluoromethane	118	74-131					
Toluene-d8	109	78-128					
4-Bromofluorobenzene	102	71-130					

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Rec	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB08	16S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0571	0.0568	0.0500	0.0500	114	114	71-131	1	19	
Benzene	0.0531	0.0526	0.0500	0.0500	106	105	73-124	1	18	
Trichloroethene	0.0496	0.0504	0.0500	0.0500	99	101	79-130	2	18	
Toluene	0.0494	0.0487	0.0500	0.0500	99	97	76-123	1	18	
Chlorobenzene	0.0475	0.0468	0.0500	0.0500	95	94	78-122	1	18	
Surrogate:										
Dibromofluoromethane					110	113	74-131			
Toluene-d8					106	108	78-128			
4-Bromofluorobenzene					102	103	71-130			



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Date of Report: August 23, 2021 Samples Submitted: August 13, 2021 Laboratory Reference: 2108-145 Project: 691-023

# % MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FB-1-5.0	08-145-01	9	8-17-21
FB-1-10.0	08-145-02	8	8-17-21
FB-1-15.0	08-145-03	10	8-17-21
FB-1-20.0	08-145-04	6	8-17-21
FB-1-25.0	08-145-05	8	8-17-21
FB-1-30.0	08-145-06	7	8-17-21
FB-1-35.0	08-145-07	9	8-17-21
FB-1-40.0	08-145-08	7	8-17-21
FB-1-45.0	08-145-09	8	8-17-21
FB-1-50.0	08-145-10	9	8-17-21
FB-1-55.0	08-145-11	8	8-17-21
FB-1-60.0	08-145-12	17	8-17-21
FB-1-65.0	08-145-13	8	8-17-21
FB-1-70.0	08-145-14	9	8-17-21



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### **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.

Ζ-

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



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Reviewed/Date	Received	Relinquished	Received	Relinquished	Received Nichelling	Relinquished	Signature	10 FB-1- 50.0	9 FB-1-45.0	8 FB-1-40.0	7 FR-1- 35.0	4 FB-1-30.0	5 FB-1-25.0	4 FB-1-20.6	3 FB-1-15.0	2 FB-1- 10.0	1 FB-1-5.0	U Sample Identification	Country van Stolk	hopen Schumacher	Hines Interests limited lantnorthing	691-023	Farallon Project Number	Phone: (425) 883-3881 • www.onsite-env.com	Analytical Laboratory Testing Services	Environmental Inc.
Reviewed/Date					OSE	Tomally	Company	1 1200 1	Ohli	1115	1055	1045	10222	0101	0955	1 0945	8/12/21 0935 Soil	Date Time Sampled Sampled Matrix	(other)		Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(Check One)	Turnaround Request	Chain of
					8/13/21/0830	8/12/21 1800	Date Time							××	××	×	× ×	NWTF NWTF NWTF NWTF Volatii Halog	PH-HCIE PH-Gx/E PH-Gx PH-Dx ([ enated \ EDA 801	ontainers					Laboratory Numbe	Custody
Chromatograms with final report 🗌 Electronic Data Deliverables (EDDs	Data Package: Standard   Level III   Level IV			L	vinui chloride	> A TCE, PCE, cis thrans DCI	Comments/Special Instructions											EDB E Semiv (with I PAHs PCBs Organ Organ Chlori Total R Total R TCLP HEM (	PA 801 rolatiles ow-leve 8270E/3 8082A rochlorir ophosp nated A RCRA M MTCA M Metals oil and g h V	1 (Wat 8270E I PAHs SIM (lo horus I cid He letals grease	/SIM /SIM ) w-level) icides 8 Pesticides rbicides	) 081B es 827( 8151A	DE/SIM		r: 08 - 145	Page 1 of 2

Reviewed/Date	Received	Relinquished	Received	Relinquished	Received Minules	Relinquished	Signature		K	/	14 FB -1 - 70.0	13 FB-1-65.0	12 FB-1-60.0	11 FB-1-55.0	U Sample Identification	Courtney van Stolk	Project Number: 691-023 Project Name: Hines Unbrests limited Partnorthip Project Manager:	Phone: (425) 883-3881 • www.onsite-env.com	Environmental Inc.
Reviewed/Date					N OX	Touch	Company	/			1 1505	1440	1 1425	8/12/21 1310 Soil	Date Time Sampled Sampled Matrix	(other)	□ Same Day □ 1 Day □ 2 Days □ 3 Days □ Standard (7 Days)	(in working days) (Check One)	Chain o
				ç	8113121 0830	8/14/2 1800	Date Time			/				5	NUMP NWTP NWTP NWTP Volatili Haloge	er of C H-HCII H-Gx/E H-Gx H-Dx ( enated	D BTEX Acid / SG Clean-up) D Volatiles 8260D	Laboratory Numbe	f Custody
Chromatograms with final report	Data Package: Standard Devel III Devel IV				Vinex chloride	* TCE, PCE, CIS + trans DC	Comments/Special Instructions							X	EDB E Semiv (with la PAHs i PCBs Organi Organi Chlorir Total F Total N TCLP I HEM (c	PA 801 olatiles ww-leve 3270E/ 8082A ochlorin ophosp ochlorin CRA M CRA M Metals	11 (Waters Only) 8270E/SIM al PAHs) SIM (low-level) ne Pesticides 8081B phorus Pesticides 8270E/SIM Acid Herbicides 8151A Aletals grease) 1664A	er: 08 - 1 4 5	Page A of
ahlee (FDDe)						É.	•				A			X	% Mois	sture		-	R



August 23, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-146

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 13, 2021.

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: August 23, 2021 Samples Submitted: August 13, 2021 Laboratory Reference: 2108-146 Project: 691-023

### **Case Narrative**

Samples were collected on August 12, 2021 and received by the laboratory on August 13, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



OnSite Environmental, Inc. 14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 (425) 883-3881

## GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Soil Units: mg/kg (ppm)

0 0 (11 )				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-14-5.0					
Laboratory ID:	08-146-01					
Gasoline	ND	4.7	NWTPH-Gx	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	111	66-129				
Client ID:	FMW-14-10.0					
Laboratory ID:	08-146-02					
Gasoline	ND	4.4	NWTPH-Gx	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	105	66-129				
Client ID:	FMW-14-15.0					
Laboratory ID:	08-146-03					
Gasoline	ND	4.0	NWTPH-Gx	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	106	66-129				
Client ID:	FMW-14-20.0					
Laboratory ID:	08-146-04					
Gasoline	ND	5.3	NWTPH-Gx	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	109	66-129				



### GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Soil Units: mg/kg (ppm)

······································							Date	Date	)		
Analyte	Result			PQL	Me	ethod	Prepared	Analyz	ed	Flags	
METHOD BLANK											
Laboratory ID:		MB0816S1									
Gasoline		ND		5.0	NW	FPH-Gx	8-16-21	8-16-2	21		
Surrogate:	Per	rcent Recove	у Сог	ntrol Lim	its						
Fluorobenzene		103	-	66-129							
					Source	Percen	t Recovery		RPD		
Analyte	Res	sult	Spike	e Level	Result	Recover	ry Limits	RPD	Limit	Flags	
DUPLICATE											
Laboratory ID:	08-14	15-01									
	ORIG	DUP									
Gasoline	ND	ND	NA	NA		NA	NA	NA	30		
Surrogate:											
Fluorobenzene						104 10	01 66-129				



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## DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-14-5.0					
Laboratory ID:	08-146-01					
Diesel Range Organics	ND	30	NWTPH-Dx	8-17-21	8-18-21	
Lube Oil Range Organics	ND	60	NWTPH-Dx	8-17-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	91	50-150				
Client ID:	FMW-14-10.0					
Laboratory ID:	08-146-02					
Diesel Range Organics	ND	27	NWTPH-Dx	8-17-21	8-18-21	
Lube Oil Range Organics	ND	53	NWTPH-Dx	8-17-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	82	50-150				
Client ID:	FMW-14-15 0					
Laboratory ID:	08-146-03					
Diesel Range Organics	ND	28	NWTPH-Dx	8-17-21	8-18-21	
Lube Oil Range Organics	ND	55	NWTPH-Dx	8-17-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	73	50-150				
Client ID:	FMW-14-20.0					
Laboratory ID:	08-146-04					
Diesel Range Organics	ND	29	NWTPH-Dx	8-17-21	8-18-21	
Lube Oil Range Organics	ND	58	NWTPH-Dx	8-17-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	83	50-150				



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Date of Report: August 23, 2021 Samples Submitted: August 13, 2021 Laboratory Reference: 2108-146 Project: 691-023

#### DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0817S3					
Diesel Range Organics	ND	25	NWTPH-Dx	8-17-21	8-18-21	
Lube Oil Range Organics	ND	50	NWTPH-Dx	8-17-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	91	50-150				

					Source	Perc	ent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Reco	very	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	08-15	52-04									
	ORIG	DUP									
Diesel Range	ND	ND	NA	NA		N/	4	NA	NA	NA	
Lube Oil Range	ND	ND	NA	NA		N	4	NA	NA	NA	
Surrogate:											
o-Terphenyl						89	87	50-150			



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-14-5.0					
Laboratory ID:	08-146-01					
Vinyl Chloride	ND	0.00082	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-16-21	8-16-21	
Benzene	ND	0.00082	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.00082	EPA 8260D	8-16-21	8-16-21	
Toluene	ND	0.0041	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.00082	EPA 8260D	8-16-21	8-16-21	
Ethylbenzene	ND	0.00082	EPA 8260D	8-16-21	8-16-21	
m,p-Xylene	ND	0.0016	EPA 8260D	8-16-21	8-16-21	
o-Xylene	ND	0.00082	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	99	71-130				

Client ID:	FMW-14-10.0					
Laboratory ID:	08-146-02					
Vinyl Chloride	ND	0.00078	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00078	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00078	EPA 8260D	8-16-21	8-16-21	
Benzene	ND	0.00078	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.00078	EPA 8260D	8-16-21	8-16-21	
Toluene	ND	0.0039	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.00078	EPA 8260D	8-16-21	8-16-21	
Ethylbenzene	ND	0.00078	EPA 8260D	8-16-21	8-16-21	
m,p-Xylene	ND	0.0016	EPA 8260D	8-16-21	8-16-21	
o-Xylene	ND	0.00078	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	96	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-14-15.0					
Laboratory ID:	08-146-03					
Vinyl Chloride	ND	0.00071	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00071	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00071	EPA 8260D	8-16-21	8-16-21	
Benzene	ND	0.00071	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.00071	EPA 8260D	8-16-21	8-16-21	
Toluene	ND	0.0035	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.00071	EPA 8260D	8-16-21	8-16-21	
Ethylbenzene	ND	0.00071	EPA 8260D	8-16-21	8-16-21	
m,p-Xylene	ND	0.0014	EPA 8260D	8-16-21	8-16-21	
o-Xylene	ND	0.00071	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	98	71-130				

Client ID:	FMW-14-20.0					
Laboratory ID:	08-146-04					
Vinyl Chloride	ND	0.00080	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00080	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00080	EPA 8260D	8-16-21	8-16-21	
Benzene	ND	0.00080	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.00080	EPA 8260D	8-16-21	8-16-21	
Toluene	ND	0.0040	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.00080	EPA 8260D	8-16-21	8-16-21	
Ethylbenzene	ND	0.00080	EPA 8260D	8-16-21	8-16-21	
m,p-Xylene	ND	0.0016	EPA 8260D	8-16-21	8-16-21	
o-Xylene	ND	0.00080	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	104	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	97	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-14-25.0					
Laboratory ID:	08-146-05					
Vinyl Chloride	ND	0.00089	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.00089	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.00089	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	98	71-130				

Client ID:	FMW-14-30.0					
Laboratory ID:	08-146-06					
Vinyl Chloride	ND	0.00072	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00072	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00072	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.00072	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.00072	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	96	71-130				

Client ID:	FMW-14-35.0					
Laboratory ID:	08-146-07					
Vinyl Chloride	ND	0.00072	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00072	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00072	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.00072	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.00072	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	103	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	97	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-14-40.0					
Laboratory ID:	08-146-08					
Vinyl Chloride	ND	0.00094	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00094	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00094	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.00094	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.00094	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	99	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	97	71-130				

Client ID:	FMW-14-45.0					
Laboratory ID:	08-146-09					
Vinyl Chloride	ND	0.00095	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00095	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00095	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.00095	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.00095	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	95	71-130				

Client ID:	FMW-14-50.0					
Laboratory ID:	08-146-10					
Vinyl Chloride	ND	0.0011	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.0011	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.0011	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	103	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	98	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-14-55.0					
Laboratory ID:	08-146-11					
Vinyl Chloride	ND	0.00094	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00094	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00094	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.00094	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.00094	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	98	71-130				

Client ID:	FMW-14-60.0					
Laboratory ID:	08-146-12					
Vinyl Chloride	ND	0.00082	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.00082	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.00082	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	98	71-130				

Client ID:	FMW-14-65.0					
Laboratory ID:	08-146-13					
Vinyl Chloride	ND	0.00087	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.00087	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.00087	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	108	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	101	71-130				



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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-14-70.0					
Laboratory ID:	08-146-14					
Vinyl Chloride	ND	0.00082	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.00082	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.00082	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	94	71-130				

Client ID:	FMW-14-75.0					
Laboratory ID:	08-146-15					
Vinyl Chloride	ND	0.00089	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.00089	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.00089	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	98	71-130				



## VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

5 5				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0816S2					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
Benzene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
Toluene	ND	0.0050	EPA 8260D	8-16-21	8-16-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
Ethylbenzene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
m,p-Xylene	ND	0.0020	EPA 8260D	8-16-21	8-16-21	
o-Xylene	ND	0.0010	EPA 8260D	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	98	71-130				

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Rec	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB08	16S2								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0532	0.0529	0.0500	0.0500	106	106	71-131	1	19	
Benzene	0.0507	0.0520	0.0500	0.0500	101	104	73-124	3	18	
Trichloroethene	0.0513	0.0512	0.0500	0.0500	103	102	79-130	0	18	
Toluene	0.0506	0.0504	0.0500	0.0500	101	101	76-123	0	18	
Chlorobenzene	0.0508	0.0504	0.0500	0.0500	102	101	78-122	1	18	
Surrogate:										
Dibromofluoromethane					99	101	74-131			
Toluene-d8					101	101	78-128			
4-Bromofluorobenzene					103	102	71-130			



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Date of Report: August 23, 2021 Samples Submitted: August 13, 2021 Laboratory Reference: 2108-146 Project: 691-023

# % MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FMW-14-5.0	08-146-01	17	8-17-21
FMW-14-10.0	08-146-02	6	8-17-21
FMW-14-15.0	08-146-03	10	8-17-21
FMW-14-20.0	08-146-04	14	8-17-21
FMW-14-25.0	08-146-05	7	8-17-21
FMW-14-30.0	08-146-06	7	8-17-21
FMW-14-35.0	08-146-07	7	8-17-21
FMW-14-40.0	08-146-08	9	8-17-21
FMW-14-45.0	08-146-09	7	8-17-21
FMW-14-50.0	08-146-10	9	8-17-21
FMW-14-55.0	08-146-11	8	8-17-21
FMW-14-60.0	08-146-12	10	8-17-21
FMW-14-65.0	08-146-13	5	8-17-21
FMW-14-70.0	08-146-14	6	8-17-21
FMW-14-75.0	08-146-15	7	8-17-21



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#### **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.

Ζ-

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



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Chain of Custody         Inversion Regist         Laboratory Number: 08 - 14 6         (Prove Original Sama Day 1 Day 2         Choice Original Sama Day 1 Day 2         Conce Original Sama Day 2          Conce D	Reviewed/Date	Received	Relinquished	Received	Relinquished	Received Mound Add	Relinquished	Signature	10 FMW - 14 - 50.0	9 FMW - 14 - 45.0	8 FMW-14-40.0	7 FMW-14 - 35.0	6 FMW-14-30.0	5 EMW-14-25.0	4 FMW- 14- 20.0	3 FMW-14-15.0	2 FMW-14-10.0	1 FMW-11 - 5.0	Lab ID Sample Identification	Singe Diters	Hines Interests limited Portnorship Project Manager: Jogen Schumacher	1091-02-3	Four Ulan Project Number:	14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Analytical Laboratory Testing Services	in Onsite
Image: Standard     Image: Standard <th< td=""><td>Reviewed/Date</td><td></td><td></td><td></td><td></td><td>3COSE</td><td>Forell</td><td>Company</td><td>1 1436 1</td><td>iulo</td><td>1405</td><td>1316</td><td>1306</td><td>1235</td><td>1230</td><td>1205</td><td>1200</td><td>8-12-21 1155 Soil</td><td>Date Time Sampled Sampled Matrix</td><td>(other)</td><td>Standard (7 Days)</td><td>2 Days 3 Days</td><td>Same Day 1 Day</td><td>(in working days) (Check One)</td><td>Turnaround Request</td><td>Chain (</td></th<>	Reviewed/Date					3COSE	Forell	Company	1 1436 1	iulo	1405	1316	1306	1235	1230	1205	1200	8-12-21 1155 Soil	Date Time Sampled Sampled Matrix	(other)	Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(in working days) (Check One)	Turnaround Request	Chain (
Chromatograms with final report       Level III       Level III       Level III       Level IV       Contractor       TCLP Metals       TCLP Me						818121083	8/4/2/ 18	Date Time							XXXX	XXX		5 × × × ×	Numb NWTF NWTF NWTF NWTF Volatil	PH-HCI PH-HCI PH-Gx PH-Gx PH-Dx ( es 826 enated	Containers D BTEX & BTEX & D D C D C D Volatiles 8260	C D	p)	Laboratory Num		of Custody
	Chromatograms with final report  Electronic Data Delivera	Data Package: Standard  Level III  Level IV				Vint chlads	00 should PUE, TEE, CO-14	Comments/Special Instructions											EDB E Semiv (with I PAHs PCBs Organ Organ Chlori Total I Total I Total I Total I HEM	EPA 80 rolatiles aw-lev 8270E 8082A sochlor rophos nated , RCRA I MTCA I Metals (oil and	11 (Waters Only s 8270E/SIM el PAHs) /SIM (Iow-level / ine Pesticides / phorus Pesticides Acid Herbicides Metals Metals i grease) 1664A	50081B 30081B des 827 5 8151/	20E/SIM		08-116	Page 1 of 2

Reviewed/Date	Received	Relinquished	Received	Relinquished	Received Houlds And	Relinquished	Signature X			15 Fmwiy- 75.0	14 FMW14- 70.0	13 FMW-14 - 65:0	12 FMW-14-60.0	11 EMW - 14 - 55.0	Lab ID Sample Identification	Gred Peters	Isgan Schumacher	Hines Interests limited potnership Project Manager:	691-073	Company: Factallan	Phone: (425) 883-3881 • www.onsite-env.com	Analytical Laboratory Testing Services	Invironmental Inc.
Reviewed/Date					SC	Ferender	Company	1 g /	V	× 1600 4 1	1605	515	1510	8/12/21 1440 Soil 1	Date Time Sampled Sampled Matrix	(other)		X Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(Check One)	Turnaround Request	Chain of
					2580 12/218	COB1 14/13	Date Time					X	X	X	NWTF NWTF NWTF NWTF Volatil Halog EDB E	PH-HC PH-Gx/ PH-Gx PH-Dx les 826 enated	BTEX	id / SG C les 8260	lean-up D <b>3h</b> a	" Wilist		Laboratory Number	Custody
Chromatograms with final report 🗌 Electronic Data Deliverables (E	Data Package: Standard  Level III Level IV					Cer por 1	Comments/Special Instructions								Semix (with I PAHs PCBs Organ Organ Chlori Total I Total I TCLP HEM	volatile low-lev 8270E 8082/ nochlor nochlor nochlor nochlor Nochlor RCRA MTCA MTCA Mttall	s 8270 /SIM ( ine Pe phorus Acid H Metals s d greas	E/SIM Is) low-level sticides i s Pesticides lerbicides	) 8081B des 827 s 8151A	DE/SIM		: <b>N8-116</b>	Page 2 of 2



August 23, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-152

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 13, 2021.

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: August 23, 2021 Samples Submitted: August 13, 2021 Laboratory Reference: 2108-152 Project: 691-023

#### **Case Narrative**

Samples were collected on August 13, 2021 and received by the laboratory on August 13, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



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## GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Soil Units: mg/kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-4-5.0					
Laboratory ID:	08-152-01					
Gasoline	ND	4.4	NWTPH-Gx	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	106	66-129				
Client ID:	FB-4-10.0					
Laboratory ID:	08-152-02					
Gasoline	ND	5.1	NWTPH-Gx	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	107	66-129				
Client ID:	FB-4-15.0					
Laboratory ID:	08-152-03					
Gasoline	ND	5.3	NWTPH-Gx	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	104	66-129				
Client ID:	FB-4-20.0					
Laboratory ID:	08-152-04					
Gasoline	ND	5.1	NWTPH-Gx	8-16-21	8-16-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	103	66-129				



#### GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Soil Units: mg/kg (ppm)

5						Date	Date		
Analyte		Result	PQL	Me	ethod	Prepared	Analyz	ed	Flags
METHOD BLANK									
Laboratory ID:		MB0816S2							
Gasoline		ND	5.0	NW	ГРН-Gx	8-16-21	8-16-2	21	
Surrogate:	Per	rcent Recovery	/ Control Lim	its					
Fluorobenzene		105	66-129						
				Source	Percent	Recovery		RPD	
Analyte	Res	sult	Spike Level	Result	Recovery	Limits	RPD	Limit	Flags
DUPLICATE									
Laboratory ID:	08-14	15-02							
	ORIG	DUP							
Gasoline	ND	ND	NA NA		NA	NA	NA	30	
Surrogate:									
Fluorobenzene					106 104	4 66-129			



# DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-4-5.0					
Laboratory ID:	08-152-01					
Diesel Range Organics	ND	27	NWTPH-Dx	8-17-21	8-18-21	
Lube Oil Range Organics	ND	55	NWTPH-Dx	8-17-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	92	50-150				
Client ID:	FB-4-10.0					
Laboratory ID:	08-152-02					
Diesel Range Organics	ND	27	NWTPH-Dx	8-17-21	8-18-21	
Lube Oil Range Organics	ND	55	NWTPH-Dx	8-17-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	89	50-150				
Client ID:	FB-4-15 0					
Laboratory ID:	08-152-03					
Diesel Range Organics		27		8-17-21	8-18-21	
Lube Oil Range Organics	ND	54	NWTPH-Dx	8-17-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	86	50-150				
Client ID:	FB-4-20.0					
Laboratory ID:	08-152-04					
Diesel Range Organics	ND	27	NWTPH-Dx	8-17-21	8-18-21	
Lube Oil Range Organics	ND	54	NWTPH-Dx	8-17-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	89	50-150				



Date of Report: August 23, 2021 Samples Submitted: August 13, 2021 Laboratory Reference: 2108-152 Project: 691-023

#### DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0817S3					
Diesel Range Organics	ND	25	NWTPH-Dx	8-17-21	8-18-21	
Lube Oil Range Organics	ND	50	NWTPH-Dx	8-17-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	91	50-150				

					Source	Percent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Recovery	Limits	RPD	Limit	Flags
DUPLICATE										
Laboratory ID:	08-15	52-04								
	ORIG	DUP								
Diesel Range	ND	ND	NA	NA		NA	NA	NA	NA	
Lube Oil Range	ND	ND	NA	NA		NA	NA	NA	NA	
Surrogate:										
o-Terphenyl						89 87	50-150			



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-4-5.0					
Laboratory ID:	08-152-01					
Vinyl Chloride	ND	0.00090	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.00090	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.00090	EPA 8260D	8-17-21	8-17-21	
Benzene	ND	0.00090	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.00090	EPA 8260D	8-17-21	8-17-21	
Toluene	ND	0.0045	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.00090	EPA 8260D	8-17-21	8-17-21	
Ethylbenzene	ND	0.00090	EPA 8260D	8-17-21	8-17-21	
m,p-Xylene	ND	0.0018	EPA 8260D	8-17-21	8-17-21	
o-Xylene	ND	0.00090	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	104	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	104	71-130				

Client ID:	FB-4-10.0					
Laboratory ID:	08-152-02					
Vinyl Chloride	ND	0.00090	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.00090	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.00090	EPA 8260D	8-17-21	8-17-21	
Benzene	ND	0.00090	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.00090	EPA 8260D	8-17-21	8-17-21	
Toluene	ND	0.0045	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.00090	EPA 8260D	8-17-21	8-17-21	
Ethylbenzene	ND	0.00090	EPA 8260D	8-17-21	8-17-21	
m,p-Xylene	ND	0.0018	EPA 8260D	8-17-21	8-17-21	
o-Xylene	ND	0.00090	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	106	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	102	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-4-15.0					
Laboratory ID:	08-152-03					
Vinyl Chloride	ND	0.00071	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.00071	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.00071	EPA 8260D	8-17-21	8-17-21	
Benzene	ND	0.00071	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.00071	EPA 8260D	8-17-21	8-17-21	
Toluene	ND	0.0035	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.00071	EPA 8260D	8-17-21	8-17-21	
Ethylbenzene	ND	0.00071	EPA 8260D	8-17-21	8-17-21	
m,p-Xylene	ND	0.0014	EPA 8260D	8-17-21	8-17-21	
o-Xylene	ND	0.00071	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	105	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	97	71-130				

Client ID:	FB-4-20.0					
Laboratory ID:	08-152-04					
Vinyl Chloride	ND	0.00087	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-17-21	8-17-21	
Benzene	ND	0.00087	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.00087	EPA 8260D	8-17-21	8-17-21	
Toluene	ND	0.0044	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.00087	EPA 8260D	8-17-21	8-17-21	
Ethylbenzene	ND	0.00087	EPA 8260D	8-17-21	8-17-21	
m,p-Xylene	ND	0.0017	EPA 8260D	8-17-21	8-17-21	
o-Xylene	ND	0.00087	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	106	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	97	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-4-25.0					
Laboratory ID:	08-152-05					
Vinyl Chloride	ND	0.00085	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.00085	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.00085	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	105	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	107	71-130				
Client ID:	FB-4-30.0					

Laboratory ID:	08-152-06					
Vinyl Chloride	ND	0.00089	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.00089	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.00089	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	105	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	103	71-130				

Client ID:	FB-4-35.0					
Laboratory ID:	08-152-07					
Vinyl Chloride	ND	0.00081	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.00081	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.00081	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.00081	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.00081	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	105	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	94	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-4-40.0					
Laboratory ID:	08-152-08					
Vinyl Chloride	ND	0.00080	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.00080	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.00080	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.00080	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.00080	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	104	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FB-4-45.0					
Laboratory ID:	08-152-09					
Vinyl Chloride	ND	0.00080	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.00080	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.00080	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.00080	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.00080	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	106	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	96	71-130				

Client ID:	FB-4-50.0					
Laboratory ID:	08-152-10					
Vinyl Chloride	ND	0.00095	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.00095	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.00095	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.00095	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.00095	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	105	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	101	71-130				



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## VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

0.0				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0817S1					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-17-21	8-17-21	
Benzene	ND	0.0010	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-17-21	8-17-21	
Toluene	ND	0.0050	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-17-21	8-17-21	
Ethylbenzene	ND	0.0010	EPA 8260D	8-17-21	8-17-21	
m,p-Xylene	ND	0.0020	EPA 8260D	8-17-21	8-17-21	
o-Xylene	ND	0.0010	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	104	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	105	71-130				

					Per	cent	Recovery		RPD	
Analyte	Result		Spike Level		Rec	overy	Limits RPD		Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB08	317S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0579	0.0571	0.0500	0.0500	116	114	71-131	1	19	
Benzene	0.0519	0.0515	0.0500	0.0500	104	103	73-124	1	18	
Trichloroethene	0.0491	0.0478	0.0500	0.0500	98	96	79-130	3	18	
Toluene	0.0489	0.0477	0.0500	0.0500	98	95	76-123	2	18	
Chlorobenzene	0.0475	0.0467	0.0500	0.0500	95	93	78-122	2	18	
Surrogate:										
Dibromofluoromethane					104	106	74-131			
Toluene-d8					108	108	78-128			
4-Bromofluorobenzene					106	104	71-130			



# % MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FB-4-5.0	08-152-01	9	8-17-21
FB-4-10.0	08-152-02	8	8-17-21
FB-4-15.0	08-152-03	8	8-17-21
FB-4-20.0	08-152-04	8	8-17-21
FB-4-25.0	08-152-05	8	8-17-21
FB-4-30.0	08-152-06	12	8-17-21
FB-4-35.0	08-152-07	8	8-17-21
FB-4-40.0	08-152-08	9	8-17-21
FB-4-45.0	08-152-09	8	8-17-21
FB-4-50.0	08-152-10	7	8-17-21



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#### **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.

Ζ-

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



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Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished Country Mranda	Signature	10 PB-4- 50.0	9 PB-4-45:0	8 FB-4-40.0	7 F12-4-35.0	6 FB-4-30.0	5 FB-4-25.0	4 FB-4-20.0	3 FB-4-15.0	2 FB-4-10.0	1 FB-4-5.0	Lab ID Sample Identification	Contracting van Stoll	Hing Interests limited Partnership	V91-013	Fanallan Consulting	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Environmental Inc.
Reviewed/Date					130	Favallon	Company	\$ 1210 \$ V	1150	1140	1125	1115	1000cus	1020	1005	8/13/21 0955	113/11 0945 Soil 5	Date Time Sampled Sampled Matrix	(other)	Standard (7 Days)	2 Days 3 Days	(Check One)	Turnaround Request (in working days)	Chain of (
			123	1000	8-13-21 1405	8-13-21 1315	Date Time	Smudge						XX	×	××	×	NWTF NWTF NWTF NWTF Volatil Halog	PH-HCID PH-Gx/BT PH-Gx PH-Dx ( les 82600 enated V EPA 8011	TEX 2260	Dean-up	5)	Laboratory Number	Custody
Chromatograms with final report  Electronic Data Deliverables (EDDs)	Data Package: Standard 🛛 Level III 🗍 Level IV 🗎				vinal chloride.	A= TCE, PCE, cist have DCE	Comments/Special Instructions										×	Semiv (with 1 PAHs PCBs Organ Organ Organ Chlori Total I Total I Total I TCLP	rolatiles E low-level 8270E/S 8082A hochlorine hophosph nated Ac RCRA Me MTCA Me MTCA Me Metals	az70E /SIM PAHs) SIM (Iow-leve e Pesticides norus Pesticide cid Herbicide etals etals grease) 1664/	)) 8081B des 827 s 8151/	0E/SIM	- 08 - 152	Pageof



August 23, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-153

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 13, 2021.

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: August 23, 2021 Samples Submitted: August 13, 2021 Laboratory Reference: 2108-153 Project: 691-023

#### **Case Narrative**

Samples were collected on August 13, 2021 and received by the laboratory on August 13, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



OnSite Environmental, Inc. 14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 (425) 883-3881

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-14-80.0					
Laboratory ID:	08-153-01					
Vinyl Chloride	ND	0.00070	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.00070	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.00070	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.00070	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.00070	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	99	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	98	71-130				

Client ID:	FMW-14-85.0					
Laboratory ID:	08-153-02					
Vinyl Chloride	ND	0.00080	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.00080	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.00080	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.00080	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.00080	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	96	71-130				

Client ID:	FMW-14-90.0					
Laboratory ID:	08-153-03					
Vinyl Chloride	ND	0.00084	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.00084	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.00084	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.00084	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.00084	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	96	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-14-95.0					
Laboratory ID:	08-153-04					
Vinyl Chloride	ND	0.00064	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.00064	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.00064	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.00064	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.00064	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	96	71-130				

Client ID:	FMW-14-100.0					
Laboratory ID:	08-153-05					
Vinyl Chloride	ND	0.00071	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.00071	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.00071	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.00071	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.00071	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	98	71-130				

Client ID:	FMW-14-105.0					
Laboratory ID:	08-153-06					
Vinyl Chloride	ND	0.00079	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00079	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00079	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00079	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00079	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	109	74-131				
Toluene-d8	103	78-128				
4-Bromofluorobenzene	98	71-130				



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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-14-110.0					
Laboratory ID:	08-153-07					
Vinyl Chloride	ND	0.00082	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.00082	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.00082	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FMW-14-115.0					
Laboratory ID:	08-153-08					
Vinyl Chloride	ND	0.00091	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.00091	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.00091	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.00091	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.00091	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	99	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	98	71-130				



## VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0817S2					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	107	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	102	71-130				
Laboratory ID:	MB0820S1					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	107	74-131				
Toluene-d8	105	78-128				
4-Bromofluorobenzene	100	71-130				



## VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

					Per	Percent Recovery			RPD	
Analyte	Res	sult	Spike	Level	Rec			RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB08	17S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0530	0.0523	0.0500	0.0500	106	105	71-131	1	19	
Benzene	0.0520	0.0515	0.0500	0.0500	104	103	73-124	1	18	
Trichloroethene	0.0528	0.0519	0.0500	0.0500	106	104	79-130	2	18	
Toluene	0.0515	0.0510	0.0500	0.0500	103	102	76-123	1	18	
Chlorobenzene	0.0522	0.0511	0.0500	0.0500	104	102	78-122	2	18	
Surrogate:										
Dibromofluoromethane					101	99	74-131			
Toluene-d8					102	102	78-128			
4-Bromofluorobenzene					105	103	71-130			
Laboratory ID:	SB08	20S1								
<b>ł</b>	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0528	0.0504	0.0500	0.0500	106	101	71-131	5	19	
Benzene	0.0506	0.0484	0.0500	0.0500	101	97	73-124	4	18	
Trichloroethene	0.0488	0.0470	0.0500	0.0500	98	94	79-130	4	18	
Toluene	0.0472	0.0457	0.0500	0.0500	94	91	76-123	3	18	
Chlorobenzene	0.0455	0.0448	0.0500	0.0500	91	90	78-122	2	18	
Surrogate:										
Dibromofluoromethane					107	108	74-131			
Toluene-d8					104	105	78-128			
4-Bromofluorobenzene					101	102	71-130			



Date of Report: August 23, 2021 Samples Submitted: August 13, 2021 Laboratory Reference: 2108-153 Project: 691-023

# % MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FMW-14-80.0	08-153-01	4	8-18-21
FMW-14-85.0	08-153-02	9	8-18-21
FMW-14-90.0	08-153-03	6	8-18-21
FMW-14-95.0	08-153-04	9	8-18-21
FMW-14-100.0	08-153-05	7	8-18-21
FMW-14-105.0	08-153-06	12	8-18-21
FMW-14-110.0	08-153-07	14	8-18-21
FMW-14-115.0	08-153-08	13	8-18-21



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#### **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.

Ζ-

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



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

Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished	Signature D	6 FMW-11-115.0	7 FMW-14-110.0	6 FMW-14-105.0	5 FMM-14-100.0	4 FMW-14-950	3 FMW-14-90=0	2 FMW-14-85.0	1 FMW-14-80.0	ab ID Sample Identification	sampled by: Oney Lotus	Project Manager: Logun Schu macer	Project Name: Mark St Mace	Project Number: 69/-023	Company: Farallon	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Environmental Inc.
Reviewed/Date					OSE	Farellar	Company	L 850 1	040	830	800	750	715	7/13	8/12/21 710 5011	Date Time Sampled Sampled Matrix :	(other)		Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(in working days)	Chain of
					8-13-21 1	10/13/21	Date Tir									NWTF NWTF NWTF NWTF	PH-HCI PH-Gx/ PH-Gx PH-Gx PH-Dx (	D BTEX	/ SG Cl	ean-up,	)	Laboratory N	Custody
Chromatograms with final report 🗌 Electronic Data Deliverables (EDDs)	Data Package: Standard  Level III  Level IV			hind .	1405 Naul Mande.	1358 Shoullst ; PCE, TCE, Cis-/tams-DCE,	me Comments/Special Instructions	×							×	Halog EDB I Semini (with PAHs PCBs Organ Organ Chlor Total Total Total TCLP HEM	penated EPA 80 volatiles low-lev 8270E s 8082A nochlor nophos inated MTCA MTCA (oil and oisture	Volatile 11 (Wate s 8270E el PAHs /SIM (lo A ine Pest phorus I Acid He Metals d grease	s 82600 ers Only /SIM ) w-level) icides 8 Pesticid rbicides	0 4/10- 0081B es 8270 8151A	DE/SIM	umber: 08 - 153	Page 1 of 1


August 20, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-154

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 13, 2021.

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: August 20, 2021 Samples Submitted: August 13, 2021 Laboratory Reference: 2108-154 Project: 691-023

#### **Case Narrative**

Samples were collected on August 12, 2021 and received by the laboratory on August 13, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



OnSite Environmental, Inc. 14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 (425) 883-3881

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-12-100.0					
Laboratory ID:	08-154-01					
Vinyl Chloride	ND	0.00077	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.00077	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.00077	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.00077	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.00077	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	99	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	98	71-130				

Client ID:	FMW-12-105.0					
Laboratory ID:	08-154-02					
Vinyl Chloride	ND	0.00095	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.00095	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.00095	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.00095	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.00095	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	102	78-128				
4-Bromofluorobenzene	98	71-130				

Client ID:	FMW-12-110.0					
Laboratory ID:	08-154-03					
Vinyl Chloride	ND	0.00083	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.00083	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.00083	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.00083	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.00083	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	98	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	97	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-12-115.0					
Laboratory ID:	08-154-04					
Vinyl Chloride	ND	0.00077	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.00077	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.00077	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.00077	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.00077	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	106	74-131				
Toluene-d8	111	78-128				
4-Bromofluorobenzene	104	71-130				



# VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0817S2					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-17-21	8-17-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-17-21	8-17-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-17-21	8-17-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-17-21	8-17-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-17-21	8-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	107	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	102	71-130				

					F	ercer	nt	Recovery		RPD	
Analyte	Res	sult	Spike	Level	R	ecove	ry	Limits	RPD	Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB08	17S1									
	SB	SBD	SB	SBD	SE	B SE	3D				
1,1-Dichloroethene	0.0530	0.0523	0.0500	0.0500	10	6 10	)5	71-131	1	19	
Benzene	0.0520	0.0515	0.0500	0.0500	10	4 10	03	73-124	1	18	
Trichloroethene	0.0528	0.0519	0.0500	0.0500	10	6 10	04	79-130	2	18	
Toluene	0.0515	0.0510	0.0500	0.0500	10	3 10	)2	76-123	1	18	
Chlorobenzene	0.0522	0.0511	0.0500	0.0500	10	4 10	)2	78-122	2	18	
Surrogate:											
Dibromofluoromethane					10	1 9	9	74-131			
Toluene-d8					10	2 10	02	78-128			
4-Bromofluorobenzene					10	5 10	03	71-130			



Date of Report: August 20, 2021 Samples Submitted: August 13, 2021 Laboratory Reference: 2108-154 Project: 691-023

## % MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FMW-12-100.0	08-154-01	8	8-18-21
FMW-12-105.0	08-154-02	11	8-18-21
FMW-12-110.0	08-154-03	15	8-18-21
FMW-12-115.0	08-154-04	10	8-18-21



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### **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.

Ζ-

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



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August 24, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-165

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 16, 2021.

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: August 24, 2021 Samples Submitted: August 16, 2021 Laboratory Reference: 2108-165 Project: 691-023

### **Case Narrative**

Samples were collected on August 16, 2021 and received by the laboratory on August 16, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-15-5.0					
Laboratory ID:	08-165-01					
Vinyl Chloride	ND	0.00089	EPA 8260D	8-18-21	8-18-21	
(trans) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-18-21	8-18-21	
(cis) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-18-21	8-18-21	
Trichloroethene	ND	0.00089	EPA 8260D	8-18-21	8-18-21	
Tetrachloroethene	ND	0.00089	EPA 8260D	8-18-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	106	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	102	71-130				

Client ID:	FMW-15-10.0					
Laboratory ID:	08-165-02					
Vinyl Chloride	ND	0.00090	EPA 8260D	8-18-21	8-18-21	
(trans) 1,2-Dichloroethene	ND	0.00090	EPA 8260D	8-18-21	8-18-21	
(cis) 1,2-Dichloroethene	ND	0.00090	EPA 8260D	8-18-21	8-18-21	
Trichloroethene	ND	0.00090	EPA 8260D	8-18-21	8-18-21	
Tetrachloroethene	ND	0.00090	EPA 8260D	8-18-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	107	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	102	71-130				

Client ID:	FMW-15-15.0					
Laboratory ID:	08-165-03					
Vinyl Chloride	ND	0.00088	EPA 8260D	8-18-21	8-18-21	
(trans) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-18-21	8-18-21	
(cis) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-18-21	8-18-21	
Trichloroethene	ND	0.00088	EPA 8260D	8-18-21	8-18-21	
Tetrachloroethene	ND	0.00088	EPA 8260D	8-18-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	108	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	104	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-15-20.0					
Laboratory ID:	08-165-04					
Vinyl Chloride	ND	0.00086	EPA 8260D	8-18-21	8-18-21	
(trans) 1,2-Dichloroethene	ND	0.00086	EPA 8260D	8-18-21	8-18-21	
(cis) 1,2-Dichloroethene	ND	0.00086	EPA 8260D	8-18-21	8-18-21	
Trichloroethene	ND	0.00086	EPA 8260D	8-18-21	8-18-21	
Tetrachloroethene	ND	0.00086	EPA 8260D	8-18-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	109	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	103	71-130				

Client ID:	FMW-15-25.0					
Laboratory ID:	08-165-05					
Vinyl Chloride	ND	0.00090	EPA 8260D	8-18-21	8-18-21	
(trans) 1,2-Dichloroethene	ND	0.00090	EPA 8260D	8-18-21	8-18-21	
(cis) 1,2-Dichloroethene	ND	0.00090	EPA 8260D	8-18-21	8-18-21	
Trichloroethene	ND	0.00090	EPA 8260D	8-18-21	8-18-21	
Tetrachloroethene	ND	0.00090	EPA 8260D	8-18-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	110	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	103	71-130				

Client ID:	FMW-15-30.0					
Laboratory ID:	08-165-06					
Vinyl Chloride	ND	0.00089	EPA 8260D	8-18-21	8-18-21	
(trans) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-18-21	8-18-21	
(cis) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-18-21	8-18-21	
Trichloroethene	ND	0.00089	EPA 8260D	8-18-21	8-18-21	
Tetrachloroethene	ND	0.00089	EPA 8260D	8-18-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	109	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	104	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-15-35.0					
Laboratory ID:	08-165-07					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-18-21	8-18-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-18-21	8-18-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-18-21	8-18-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-18-21	8-18-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-18-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	110	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	103	71-130				

Client ID:	FMW-15-40.0					
Laboratory ID:	08-165-08					
Vinyl Chloride	ND	0.00083	EPA 8260D	8-18-21	8-18-21	
(trans) 1,2-Dichloroethene	ND	0.00083	EPA 8260D	8-18-21	8-18-21	
(cis) 1,2-Dichloroethene	ND	0.00083	EPA 8260D	8-18-21	8-18-21	
Trichloroethene	ND	0.00083	EPA 8260D	8-18-21	8-18-21	
Tetrachloroethene	ND	0.00083	EPA 8260D	8-18-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	101	71-130				

Client ID:	FMW-15-45.0					
Laboratory ID:	08-165-09					
Vinyl Chloride	ND	0.00087	EPA 8260D	8-18-21	8-18-21	
(trans) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-18-21	8-18-21	
(cis) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-18-21	8-18-21	
Trichloroethene	ND	0.00087	EPA 8260D	8-18-21	8-18-21	
Tetrachloroethene	ND	0.00087	EPA 8260D	8-18-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	109	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	103	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-15-50.0					
Laboratory ID:	08-165-10					
Vinyl Chloride	ND	0.00086	EPA 8260D	8-18-21	8-18-21	
(trans) 1,2-Dichloroethene	ND	0.00086	EPA 8260D	8-18-21	8-18-21	
(cis) 1,2-Dichloroethene	ND	0.00086	EPA 8260D	8-18-21	8-18-21	
Trichloroethene	ND	0.00086	EPA 8260D	8-18-21	8-18-21	
Tetrachloroethene	ND	0.00086	EPA 8260D	8-18-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	108	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	100	71-130				
Client ID:	FMW-15-55.0					
Laboratory ID:	08-165-11					
Vinyl Chloride	ND	0.00097	EPA 8260D	8-18-21	8-18-21	
(trans) 1,2-Dichloroethene	ND	0.00097	EPA 8260D	8-18-21	8-18-21	
(cis) 1,2-Dichloroethene	ND	0.00097	EPA 8260D	8-18-21	8-18-21	
Trichloroethene	ND	0.00097	EPA 8260D	8-18-21	8-18-21	

Tetrachloroethene	ND	0.00097	EPA 8260D	8-18-21
Surrogate:	Percent Recovery	Control Limits		
Dibromofluoromethane	111	74-131		
Toluene-d8	109	78-128		
4-Bromofluorobenzene	103	71-130		

Client ID:	FMW-15-60.0					
Laboratory ID:	08-165-12					
Vinyl Chloride	ND	0.00078	EPA 8260D	8-18-21	8-18-21	
(trans) 1,2-Dichloroethene	ND	0.00078	EPA 8260D	8-18-21	8-18-21	
(cis) 1,2-Dichloroethene	ND	0.00078	EPA 8260D	8-18-21	8-18-21	
Trichloroethene	ND	0.00078	EPA 8260D	8-18-21	8-18-21	
Tetrachloroethene	ND	0.00078	EPA 8260D	8-18-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	102	71-130				



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8-18-21

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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-15-65.0					
Laboratory ID:	08-165-13					
Vinyl Chloride	ND	0.00095	EPA 8260D	8-18-21	8-18-21	
(trans) 1,2-Dichloroethene	ND	0.00095	EPA 8260D	8-18-21	8-18-21	
(cis) 1,2-Dichloroethene	ND	0.00095	EPA 8260D	8-18-21	8-18-21	
Trichloroethene	ND	0.00095	EPA 8260D	8-18-21	8-18-21	
Tetrachloroethene	ND	0.00095	EPA 8260D	8-18-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	109	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	102	71-130				

Client ID:	FMW-15-70.0					
Laboratory ID:	08-165-14					
Vinyl Chloride	ND	0.00088	EPA 8260D	8-18-21	8-18-21	
(trans) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-18-21	8-18-21	
(cis) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-18-21	8-18-21	
Trichloroethene	ND	0.00088	EPA 8260D	8-18-21	8-18-21	
Tetrachloroethene	ND	0.00088	EPA 8260D	8-18-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	108	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	101	71-130				

Client ID:	FMW-15-75.0					
Laboratory ID:	08-165-15					
Vinyl Chloride	ND	0.00092	EPA 8260D	8-18-21	8-18-21	
(trans) 1,2-Dichloroethene	ND	0.00092	EPA 8260D	8-18-21	8-18-21	
(cis) 1,2-Dichloroethene	ND	0.00092	EPA 8260D	8-18-21	8-18-21	
Trichloroethene	ND	0.00092	EPA 8260D	8-18-21	8-18-21	
Tetrachloroethene	ND	0.00092	EPA 8260D	8-18-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	105	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-15-80.0					
Laboratory ID:	08-165-16					
Vinyl Chloride	ND	0.00071	EPA 8260D	8-18-21	8-18-21	
(trans) 1,2-Dichloroethene	ND	0.00071	EPA 8260D	8-18-21	8-18-21	
(cis) 1,2-Dichloroethene	ND	0.00071	EPA 8260D	8-18-21	8-18-21	
Trichloroethene	ND	0.00071	EPA 8260D	8-18-21	8-18-21	
Tetrachloroethene	ND	0.00071	EPA 8260D	8-18-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	109	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	103	71-130				

Client ID:	FMW-15-85.0					
Laboratory ID:	08-165-17					
Vinyl Chloride	ND	0.00098	EPA 8260D	8-18-21	8-18-21	
(trans) 1,2-Dichloroethene	ND	0.00098	EPA 8260D	8-18-21	8-18-21	
(cis) 1,2-Dichloroethene	ND	0.00098	EPA 8260D	8-18-21	8-18-21	
Trichloroethene	ND	0.00098	EPA 8260D	8-18-21	8-18-21	
Tetrachloroethene	ND	0.00098	EPA 8260D	8-18-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	109	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	104	71-130				

Client ID:	FMW-15-90.0					
Laboratory ID:	08-165-18					
Vinyl Chloride	ND	0.00072	EPA 8260D	8-18-21	8-18-21	
(trans) 1,2-Dichloroethene	ND	0.00072	EPA 8260D	8-18-21	8-18-21	
(cis) 1,2-Dichloroethene	ND	0.00072	EPA 8260D	8-18-21	8-18-21	
Trichloroethene	ND	0.00072	EPA 8260D	8-18-21	8-18-21	
Tetrachloroethene	ND	0.00072	EPA 8260D	8-18-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	114	74-131				
Toluene-d8	104	78-128				
4-Bromofluorobenzene	102	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-15-95.0					
Laboratory ID:	08-165-19					
Vinyl Chloride	ND	0.00077	EPA 8260D	8-18-21	8-18-21	
(trans) 1,2-Dichloroethene	ND	0.00077	EPA 8260D	8-18-21	8-18-21	
(cis) 1,2-Dichloroethene	ND	0.00077	EPA 8260D	8-18-21	8-18-21	
Trichloroethene	ND	0.00077	EPA 8260D	8-18-21	8-18-21	
Tetrachloroethene	ND	0.00077	EPA 8260D	8-18-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	110	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	103	71-130				



## VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0818S1					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-18-21	8-18-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-18-21	8-18-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-18-21	8-18-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-18-21	8-18-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-18-21	8-18-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	110	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	103	71-130				

					Pe	rcent	Recovery	RPD			
Analyte	Res	sult	Spike	Level	Rec	overy	Limits	RPD	Limit	Flags	
SPIKE BLANKS											
Laboratory ID:	SB08	18S1									
	SB	SBD	SB	SBD	SB	SBD					
1,1-Dichloroethene	0.0587	0.0545	0.0500	0.0500	117	109	71-131	7	19		
Benzene	0.0546	0.0526	0.0500	0.0500	109	105	73-124	4	18		
Trichloroethene	0.0527	0.0516	0.0500	0.0500	105	103	79-130	2	18		
Toluene	0.0504	0.0498	0.0500	0.0500	101	100	76-123	1	18		
Chlorobenzene	0.0477	0.0466	0.0500	0.0500	95	93	78-122	2	18		
Surrogate:											
Dibromofluoromethane					113	111	74-131				
Toluene-d8					108	109	78-128				
4-Bromofluorobenzene					105	104	71-130				



Date of Report: August 24, 2021 Samples Submitted: August 16, 2021 Laboratory Reference: 2108-165 Project: 691-023

# % MOISTURE

Client ID	Lab ID	% Moioturo	Date
	Labid		Analyzeu
FMW-15-5.0	08-165-01	9	8-18-21
FMW-15-10.0	08-165-02	10	8-18-21
FMW-15-15.0	08-165-03	9	8-18-21
FMW-15-20.0	08-165-04	8	8-18-21
FMW-15-25.0	08-165-05	8	8-18-21
FMW-15-30.0	08-165-06	6	8-18-21
FMW-15-35.0	08-165-07	10	8-18-21
FMW-15-40.0	08-165-08	9	8-18-21
FMW-15-45.0	08-165-09	8	8-18-21
FMW-15-50.0	08-165-10	9	8-18-21
FMW-15-55.0	08-165-11	6	8-18-21
FMW-15-60.0	08-165-12	9	8-18-21
FMW-15-65.0	08-165-13	11	8-18-21
FMW-15-70.0	08-165-14	8	8-18-21
FMW-15-75.0	08-165-15	8	8-18-21
FMW-15-80.0	08-165-16	4	8-18-21
FMW-15-85.0	08-165-17	5	8-18-21
FMW-15-90.0	08-165-18	8	8-18-21
FMW-15-95.0	08-165-19	8	8-18-21



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#### **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.

Ζ-

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



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Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished	Signature	10 FMW-15-50.0	9 FMW-15-45.0	8 Former-15 - 40.0	7 FMW-15-35.0	6 FMW-15-30-0	S FMW-15-25.0	4 FMV-15-28-0	3 Fmw-15-150	2 FMW-15-10:0	1 FMW-15- 5:0	Lab ID Sample Identification	sampied by: Gree Letus	Project Manager: Jogan Schumace	Project Name: Manh st Place	Frider Number 69/-023	Company: Jourallon	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Onsite Environmental Inc.
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a Deliverables (EDDs) 🗌				P .		st-troug DCG		(-									0	% Mo	isture						e Xi

Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished	Signature X	18 FMW-15-950	18 Fmir-15 - 90.0	() FMW 15 - 85.0	16 FMW-15 - 80-0	US FARV-15 - 75.0	14 FMW-15- 70.0	13 Fond-15 - 65.0	12 FAM-15-60.0	11 FMW-15-55-0	Lab ID Sample Identification	sampred by. Greg fortus	Proper manager. Jogan Shumacur	Project Name: March St Place	Project Number: BY/-023	Company: Forrallon	<ul> <li>Analytical Laboratory lessing services</li> <li>14648 NE 95th Street • Redmond, WA 98052</li> <li>Phone: (425) 883-3881 • www.onsite-env.com</li> </ul>	Environmental Inc.
Reviewed/Date					- ORE	Farault	Company	1 1650 -	1600	5:51	0421	CEP1	1425	1335	1 1320	B/6/21 1240 Soil 5	Date Time Sampled Sampled Matrix	(other)	]	K Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(in working days)	Chain of
					SIGN IMU	8/46/24 1830	Date Time									X	NWTF NWTF NWTF NWTF Volatil Halog	PH-HCI PH-Gx/ PH-Gx PH-Dx ( es 826 enated	D BTEX C Acid OD Volatile	/ SG Cl	ean-up)	artlist	Laboratory Numbe	Custody
Chromatograms with final report 🗌 Electronic Data Deliverables (EDDs)	Data Package: Standard  Level III  Level IV				Gee pose It	1 n400 A	Comments/Special Instructions										EDB E Semiv (with I PAHs PCBs Organ Organ Chlori Total I Total I Total I	PA 80 rolatiles sow-lev lev 8270E 8082A sochlori ophosi nated / NTCA I Metals (oil and	11 (Wat 8 8270E el PAHs /SIM (lo ine Pesi phorus Acid He Metals grease	/SIM ) w-level) icides 8 Pesticide rbicides	081B es 8270 8151A	E/SIM	»r: 08 - 1 65	Page 2 of &



August 24, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-175

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 17, 2021.

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: August 24, 2021 Samples Submitted: August 17, 2021 Laboratory Reference: 2108-175 Project: 691-023

### **Case Narrative**

Samples were collected on August 17, 2021 and received by the laboratory on August 17, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-8-5.0					
Laboratory ID:	08-175-01					
Vinyl Chloride	ND	0.00085	EPA 8260D	8-19-21	8-19-21	
(trans) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-19-21	8-19-21	
(cis) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-19-21	8-19-21	
Trichloroethene	ND	0.00085	EPA 8260D	8-19-21	8-19-21	
Tetrachloroethene	ND	0.00085	EPA 8260D	8-19-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	107	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	105	71-130				

Client ID:	FMW-8-10.0					
Laboratory ID:	08-175-02					
Vinyl Chloride	ND	0.00078	EPA 8260D	8-19-21	8-19-21	
(trans) 1,2-Dichloroethene	ND	0.00078	EPA 8260D	8-19-21	8-19-21	
(cis) 1,2-Dichloroethene	ND	0.00078	EPA 8260D	8-19-21	8-19-21	
Trichloroethene	ND	0.00078	EPA 8260D	8-19-21	8-19-21	
Tetrachloroethene	ND	0.00078	EPA 8260D	8-19-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	74-131				
Toluene-d8	110	78-128				
4-Bromofluorobenzene	104	71-130				

Client ID:	FMW-8-15.0					
Laboratory ID:	08-175-03					
Vinyl Chloride	ND	0.00073	EPA 8260D	8-19-21	8-19-21	
(trans) 1,2-Dichloroethene	ND	0.00073	EPA 8260D	8-19-21	8-19-21	
(cis) 1,2-Dichloroethene	ND	0.00073	EPA 8260D	8-19-21	8-19-21	
Trichloroethene	ND	0.00073	EPA 8260D	8-19-21	8-19-21	
Tetrachloroethene	ND	0.00073	EPA 8260D	8-19-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	110	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	100	71-130				



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3

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-8-20.0					
Laboratory ID:	08-175-04					
Vinyl Chloride	ND	0.00096	EPA 8260D	8-19-21	8-19-21	
(trans) 1,2-Dichloroethene	ND	0.00096	EPA 8260D	8-19-21	8-19-21	
(cis) 1,2-Dichloroethene	ND	0.00096	EPA 8260D	8-19-21	8-19-21	
Trichloroethene	ND	0.00096	EPA 8260D	8-19-21	8-19-21	
Tetrachloroethene	ND	0.00096	EPA 8260D	8-19-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	109	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	97	71-130				

Client ID:	FMW-8-25.0					
Laboratory ID:	08-175-05					
Vinyl Chloride	ND	0.00088	EPA 8260D	8-19-21	8-19-21	
(trans) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-19-21	8-19-21	
(cis) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-19-21	8-19-21	
Trichloroethene	ND	0.00088	EPA 8260D	8-19-21	8-19-21	
Tetrachloroethene	ND	0.00088	EPA 8260D	8-19-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FMW-8-30.0					
Laboratory ID:	08-175-06					
Vinyl Chloride	ND	0.00093	EPA 8260D	8-19-21	8-19-21	
(trans) 1,2-Dichloroethene	ND	0.00093	EPA 8260D	8-19-21	8-19-21	
(cis) 1,2-Dichloroethene	ND	0.00093	EPA 8260D	8-19-21	8-19-21	
Trichloroethene	ND	0.00093	EPA 8260D	8-19-21	8-19-21	
Tetrachloroethene	ND	0.00093	EPA 8260D	8-19-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	108	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	102	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-8-35.0					
Laboratory ID:	08-175-07					
Vinyl Chloride	ND	0.00096	EPA 8260D	8-19-21	8-19-21	
(trans) 1,2-Dichloroethene	ND	0.00096	EPA 8260D	8-19-21	8-19-21	
(cis) 1,2-Dichloroethene	ND	0.00096	EPA 8260D	8-19-21	8-19-21	
Trichloroethene	ND	0.00096	EPA 8260D	8-19-21	8-19-21	
Tetrachloroethene	ND	0.00096	EPA 8260D	8-19-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	74-131				
Toluene-d8	106	78-128				
4-Bromofluorobenzene	103	71-130				

Client ID:	FMW-8-40.0					
Laboratory ID:	08-175-08					
Vinyl Chloride	ND	0.00091	EPA 8260D	8-19-21	8-19-21	
(trans) 1,2-Dichloroethene	ND	0.00091	EPA 8260D	8-19-21	8-19-21	
(cis) 1,2-Dichloroethene	ND	0.00091	EPA 8260D	8-19-21	8-19-21	
Trichloroethene	ND	0.00091	EPA 8260D	8-19-21	8-19-21	
Tetrachloroethene	ND	0.00091	EPA 8260D	8-19-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	109	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	104	71-130				

Client ID:	FMW-8-45.0					
Laboratory ID:	08-175-09					
Vinyl Chloride	ND	0.0011	EPA 8260D	8-19-21	8-19-21	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-19-21	8-19-21	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	8-19-21	8-19-21	
Trichloroethene	ND	0.0011	EPA 8260D	8-19-21	8-19-21	
Tetrachloroethene	ND	0.0011	EPA 8260D	8-19-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	103	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-8-50.0					
Laboratory ID:	08-175-10					
Vinyl Chloride	ND	0.00089	EPA 8260D	8-19-21	8-19-21	
(trans) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-19-21	8-19-21	
(cis) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-19-21	8-19-21	
Trichloroethene	ND	0.00089	EPA 8260D	8-19-21	8-19-21	
Tetrachloroethene	ND	0.00089	EPA 8260D	8-19-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	102	71-130				
Client ID:	FMW-8-55.0					
Laboratory ID:	08-175-11					
Vinyl Chloride	ND	0.00084	EPA 8260D	8-19-21	8-19-21	
(trans) 1,2-Dichloroethene	ND	0.00084	EPA 8260D	8-19-21	8-19-21	
(cis) 1,2-Dichloroethene	ND	0.00084	EPA 8260D	8-19-21	8-19-21	

Trichloroethene	ND	0.00084	EPA 8260D	8-19-21	8-19-21
Tetrachloroethene	ND	0.00084	EPA 8260D	8-19-21	8-19-21
Surrogate:	Percent Recovery	Control Limits			
Dibromofluoromethane	114	74-131			
Toluene-d8	109	78-128			
4-Bromofluorobenzene	102	71-130			

Client ID:	FMW-8-60.0					
Laboratory ID:	08-175-12					
Vinyl Chloride	ND	0.00087	EPA 8260D	8-19-21	8-19-21	
(trans) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-19-21	8-19-21	
(cis) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-19-21	8-19-21	
Trichloroethene	ND	0.00087	EPA 8260D	8-19-21	8-19-21	
Tetrachloroethene	ND	0.00087	EPA 8260D	8-19-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	109	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	99	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-8-65.0					
Laboratory ID:	08-175-13					
Vinyl Chloride	ND	0.00099	EPA 8260D	8-19-21	8-19-21	
(trans) 1,2-Dichloroethene	ND	0.00099	EPA 8260D	8-19-21	8-19-21	
(cis) 1,2-Dichloroethene	ND	0.00099	EPA 8260D	8-19-21	8-19-21	
Trichloroethene	ND	0.00099	EPA 8260D	8-19-21	8-19-21	
Tetrachloroethene	ND	0.00099	EPA 8260D	8-19-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	104	71-130				

Client ID:	FMW-8-70.0					
Laboratory ID:	08-175-14					
Vinyl Chloride	ND	0.00092	EPA 8260D	8-19-21	8-19-21	
(trans) 1,2-Dichloroethene	ND	0.00092	EPA 8260D	8-19-21	8-19-21	
(cis) 1,2-Dichloroethene	ND	0.00092	EPA 8260D	8-19-21	8-19-21	
Trichloroethene	ND	0.00092	EPA 8260D	8-19-21	8-19-21	
Tetrachloroethene	ND	0.00092	EPA 8260D	8-19-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	109	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FMW-8-75.0					
Laboratory ID:	08-175-15					
Vinyl Chloride	ND	0.00089	EPA 8260D	8-19-21	8-19-21	
(trans) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-19-21	8-19-21	
(cis) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-19-21	8-19-21	
Trichloroethene	ND	0.00089	EPA 8260D	8-19-21	8-19-21	
Tetrachloroethene	ND	0.00089	EPA 8260D	8-19-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	99	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-8-80.0					
Laboratory ID:	08-175-16					
Vinyl Chloride	ND	0.00084	EPA 8260D	8-19-21	8-19-21	
(trans) 1,2-Dichloroethene	ND	0.00084	EPA 8260D	8-19-21	8-19-21	
(cis) 1,2-Dichloroethene	ND	0.00084	EPA 8260D	8-19-21	8-19-21	
Trichloroethene	ND	0.00084	EPA 8260D	8-19-21	8-19-21	
Tetrachloroethene	ND	0.00084	EPA 8260D	8-19-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	109	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	103	71-130				

Client ID:	FMW-8-85.0					
Laboratory ID:	08-175-17					
Vinyl Chloride	ND	0.00079	EPA 8260D	8-19-21	8-19-21	
(trans) 1,2-Dichloroethene	ND	0.00079	EPA 8260D	8-19-21	8-19-21	
(cis) 1,2-Dichloroethene	ND	0.00079	EPA 8260D	8-19-21	8-19-21	
Trichloroethene	ND	0.00079	EPA 8260D	8-19-21	8-19-21	
Tetrachloroethene	ND	0.00079	EPA 8260D	8-19-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	110	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	102	71-130				

Client ID:	FMW-8-90.0					
Laboratory ID:	08-175-18					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-19-21	8-19-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-19-21	8-19-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-19-21	8-19-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-19-21	8-19-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-19-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	74-131				
Toluene-d8	107	78-128				
4-Bromofluorobenzene	104	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-8-95.0					
Laboratory ID:	08-175-19					
Vinyl Chloride	ND	0.00098	EPA 8260D	8-19-21	8-19-21	
(trans) 1,2-Dichloroethene	ND	0.00098	EPA 8260D	8-19-21	8-19-21	
(cis) 1,2-Dichloroethene	ND	0.00098	EPA 8260D	8-19-21	8-19-21	
Trichloroethene	ND	0.00098	EPA 8260D	8-19-21	8-19-21	
Tetrachloroethene	ND	0.00098	EPA 8260D	8-19-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	104	71-130				

Client ID:	FMW-8-100.0					
Laboratory ID:	08-175-20					
Vinyl Chloride	ND	0.00092	EPA 8260D	8-19-21	8-19-21	
(trans) 1,2-Dichloroethene	ND	0.00092	EPA 8260D	8-19-21	8-19-21	
(cis) 1,2-Dichloroethene	ND	0.00092	EPA 8260D	8-19-21	8-19-21	
Trichloroethene	ND	0.00092	EPA 8260D	8-19-21	8-19-21	
Tetrachloroethene	ND	0.00092	EPA 8260D	8-19-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	109	74-131				
Toluene-d8	110	78-128				
4-Bromofluorobenzene	103	71-130				

Client ID:	FMW-8-105.0					
Laboratory ID:	08-175-21					
Vinyl Chloride	ND	0.00086	EPA 8260D	8-19-21	8-19-21	
(trans) 1,2-Dichloroethene	ND	0.00086	EPA 8260D	8-19-21	8-19-21	
(cis) 1,2-Dichloroethene	ND	0.00086	EPA 8260D	8-19-21	8-19-21	
Trichloroethene	ND	0.00086	EPA 8260D	8-19-21	8-19-21	
Tetrachloroethene	ND	0.00086	EPA 8260D	8-19-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	97	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-8-110.0					
Laboratory ID:	08-175-22					
Vinyl Chloride	ND	0.00087	EPA 8260D	8-19-21	8-19-21	
(trans) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-19-21	8-19-21	
(cis) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-19-21	8-19-21	
Trichloroethene	ND	0.00087	EPA 8260D	8-19-21	8-19-21	
Tetrachloroethene	ND	0.00087	EPA 8260D	8-19-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	97	71-130				

Client ID:	FMW-8-115.0					
Laboratory ID:	08-175-23					
Vinyl Chloride	ND	0.00096	EPA 8260D	8-19-21	8-19-21	
(trans) 1,2-Dichloroethene	ND	0.00096	EPA 8260D	8-19-21	8-19-21	
(cis) 1,2-Dichloroethene	ND	0.00096	EPA 8260D	8-19-21	8-19-21	
Trichloroethene	ND	0.00096	EPA 8260D	8-19-21	8-19-21	
Tetrachloroethene	ND	0.00096	EPA 8260D	8-19-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	98	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	98	71-130				

## VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0819S1					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-19-21	8-19-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-19-21	8-19-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-19-21	8-19-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-19-21	8-19-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-19-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	104	71-130				
Laboratory ID:	MB0819S2					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-19-21	8-19-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-19-21	8-19-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-19-21	8-19-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-19-21	8-19-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-19-21	8-19-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	98	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	101	71-130				



## VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

					Per	rcent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Rec	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB08	19S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0538	0.0557	0.0500	0.0500	108	111	71-131	3	19	
Benzene	0.0527	0.0536	0.0500	0.0500	105	107	73-124	2	18	
Trichloroethene	0.0501	0.0519	0.0500	0.0500	100	104	79-130	4	18	
Toluene	0.0489	0.0499	0.0500	0.0500	98	100	76-123	2	18	
Chlorobenzene	0.0460	0.0471	0.0500	0.0500	92	94	78-122	2	18	
Surrogate:										
Dibromofluoromethane					109	110	74-131			
Toluene-d8					107	109	78-128			
4-Bromofluorobenzene					104	104	71-130			
Laboratory ID:	SB08	19S2								
<b>ł</b>	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0527	0.0526	0.0500	0.0500	105	105	71-131	0	19	
Benzene	0.0517	0.0518	0.0500	0.0500	103	104	73-124	0	18	
Trichloroethene	0.0535	0.0523	0.0500	0.0500	107	105	79-130	2	18	
Toluene	0.0532	0.0517	0.0500	0.0500	106	103	76-123	3	18	
Chlorobenzene	0.0529	0.0516	0.0500	0.0500	106	103	78-122	2	18	
Surrogate:										
Dibromofluoromethane					96	98	74-131			
Toluene-d8					102	102	78-128			
4-Bromofluorobenzene					104	104	71-130			



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Date of Report: August 24, 2021 Samples Submitted: August 17, 2021 Laboratory Reference: 2108-175 Project: 691-023

# % MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FMW-8-5.0	08-175-01	10	8-19-21
FMW-8-10.0	08-175-02	8	8-19-21
FMW-8-15.0	08-175-03	7	8-19-21
FMW-8-20.0	08-175-04	8	8-19-21
FMW-8-25.0	08-175-05	7	8-19-21
FMW-8-30.0	08-175-06	7	8-19-21
FMW-8-35.0	08-175-07	7	8-19-21
FMW-8-40.0	08-175-08	6	8-19-21
FMW-8-45.0	08-175-09	7	8-19-21
FMW-8-50.0	08-175-10	7	8-19-21
FMW-8-55.0	08-175-11	7	8-19-21
FMW-8-60.0	08-175-12	10	8-19-21
FMW-8-65.0	08-175-13	14	8-19-21
FMW-8-70.0	08-175-14	9	8-19-21
FMW-8-75.0	08-175-15	15	8-19-21
FMW-8-80.0	08-175-16	8	8-19-21
FMW-8-85.0	08-175-17	4	8-19-21
FMW-8-90.0	08-175-18	5	8-19-21
FMW-8-95.0	08-175-19	7	8-19-21
FMW-8-100.0	08-175-20	4	8-19-21
FMW-8-105.0	08-175-21	5	8-19-21
FMW-8-110.0	08-175-22	7	8-19-21
FMW-8-115.0	08-175-23	13	8-19-21



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#### **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.

Ζ-

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



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Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished	Signature	10 FMW/8- 50.0	9 Finil & 45.0	8 FMW-8- 400	7 FMW-8-350	6 FMW-8- 30.0	S FANNIB - 25-0	4 FmV-8-200	3 Fanw-8 - 15.0	2 FANN-8 - 10-0	FMW-8-5:0	Lab ID Sample Identification	sampled by	Mary Steet Reice	Briter Manner Logen Schuerreit 5	Project Number. Grisz	Company: Fourallon	Phone: (425) 883-3881 • www.onsite-env.com	Environmental Inc.
Reviewed/Date					CRE	Farrellun	Company	A 1015 A	945	ohb	900	Bito	825	812	751	1 743	8/7/21 728 50:7 0	Date Time Sampled Sampled Matrix	(other)		X Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(in working days)	Chain of
					1 11/21/3	81 K/D/8	Date Time											NWTP NWTP NWTP NWTP Volatil	er of L PH-HCI PH-Gx/I PH-Gx PH-Gx PH-Dx ( es 826	D BTEX	/ SG CI	ean-up)		Laboratory Nu	Custody
Chromatograms with final report 🔲 Electronic Data Deliverables (EDDs)	Data Package: Standard 🗌 Level III 🗌 Level IV 🗌			Vind Chundle .	1905 No. 11 1	B30 Chartist: PCE, TCE, Ish 2 - bans DCE.	ne Comments/Special Instructions											Haloge EDB E Semiv (with la PAHs : PCBs Organ Organ Chlorii Total F Total N TCLP HEM (	enated PA 80 olatiles bw-leve 8270E/ 8082A ochlori ophosp anated A RCRA N Metals oil and	Volatile 1 (Wate 8270E PAHS SIM (Ion ne Pest whorus P word Her Netals grease)	s 8260E ers Only /SIM ) w-level) icides 8 Pesticides bicides	0 s hor ) 081B es 8270 8151A	E/SIM	umber: 08 - 1 75	Page 1 of 3

Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished	Signature	20 /mu -8- 100.0	19 Juni 8-95.0	18 FMW-8-90-0	0.58-8. Muld 11	16 FMW8-50.0	15 FMJ-8-750	14 FMW-8-70-0	13 FMWB- 65.0	12 FMWB-60.0	11 FMW-8-55.0	Lab ID Sample Identification	vanipued by. They takes	Constant lagar Schume cu	Project Mananer March St Raca	G/-023	Company: Farrellon Project Number	Analytical Laboratory Testing Services 14648 NE 95th Street + Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Environmental Inc.
Reviewed/Date					R R	terrellon	Company	A inter A	, Hos	1400	1320	1315	. //50	1145	1055	1 1050	B/17/24 1020 5	Date Time Sampled Sampled I	(other)		Standard (7 Days)	2 Days	Same Day	(in working days)	Chai
					1/1/18 IS	8/17/21	Date										0/7 5	Numb NWTP NWTP	er of C PH-HCI PH-Gx/I PH-Gx	D BTEX	ers	Days	Day	Laborato	n of Custod
0	D				1905	1830	Time C	Å									×	Volatile Haloge EDB E Semiv	es 8260 enated PA 801 olatiles	Volatile	s 8260D ers Only /SIM	) she	Alist	y Number:	У
Chromatograms with final report	Data Package: Standard 🗌 Level III 🗌 Level IV 🗌				A. P.H. W.	1 0000 A	Comments/Special Instructions											Vermin ve	oratilese pow-leve 82270E/ 8082A sochlori pophosp ated A CRA N Metals Dill and	sz70E al PAHs SIM (lo ne Pest ohorus I Acid Her Metals grease)	/SIM ) w-level) icides 8/ Pesticides bicides	081B es 8270 8151A	E/SIM	08 - 175	Page 2 of 3

		c	R	ed	Signature			WW G.M.	MW-8-115.0	10-0 - NUM	mm-8-105.0	Sample Identification	Greg Jetus	began Chungo an	Mark St Place	691-223	Ferrular	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: 14251 883-3881 • www.onsite-env.com	A. OnSite Environmental Inc.
Reviewed/Date				Favallow	Сотрану			1 1705-1-1	7 7 1941	1545	8/17/21 1455 Soil 5	Date Time Sampled Sampled Matrix	(other)	Contain	Standard (7 Days)	2 Days 3 Days	(Check One)	Turnaround Request (in working days)	Chain of
			S061 M/418	8/1/21 1830	Date Time				X	X	×	NWTP NWTP NWTP Volatili Haloge	PH-HC PH-Gx/ PH-Gx PH-Dx es 826 enated	ID /BTEX ( Acic 50D i Volatile	I / SG CI es 8260E ers Only	ean-up) ) )	H181-	Laboratory Number:	Custody
Data Package: Standard L Level III L Level IV L Chromotograme with final report T Electronic Data Deliverables (FD)	Data Package: Standard    Level III    Level IV		ye IT -	La sege d	Comments/Special Instructions							Semiv (with la PAHs I PCBs Organ Organ Chlorin Total P Total N TCLP HEM (I HEM (I	olatile ow-leve 8270E 8082A ochlor ophoss nated RCRA I ATCA Metals oil anc	s 8270E rel PAHs /SIM (Ic A ine Pes phorus Acid He Metals Metals d grease	/SIM )) w-level) ticides 8 Pesticide rbicides ) 1664A	081B 95 8270 8151A	E/SIM	: 08-175	Page 3 of 3



August 26, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-194

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 19, 2021.

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: August 26, 2021 Samples Submitted: August 19, 2021 Laboratory Reference: 2108-194 Project: 691-023

#### **Case Narrative**

Samples were collected on August 18, 2021 and received by the laboratory on August 18, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-9-5.0					
Laboratory ID:	08-194-01					
Vinyl Chloride	ND	0.00077	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00077	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00077	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00077	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00077	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	108	74-131				
Toluene-d8	104	78-128				
4-Bromofluorobenzene	102	71-130				

Client ID:	FMW-9-10.0					
Laboratory ID:	08-194-02					
Vinyl Chloride	ND	0.00084	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00084	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00084	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00084	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00084	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	107	74-131				
Toluene-d8	102	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FMW-9-15.0					
Laboratory ID:	08-194-03					
Vinyl Chloride	ND	0.00072	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00072	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00072	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00072	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00072	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	106	74-131				
Toluene-d8	104	78-128				
4-Bromofluorobenzene	101	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-9-20.0					
Laboratory ID:	08-194-04					
Vinyl Chloride	ND	0.00066	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00066	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00066	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00066	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00066	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	107	74-131				
Toluene-d8	103	78-128				
4-Bromofluorobenzene	99	71-130				

Client ID:	FMW-9-25.0					
Laboratory ID:	08-194-05					
Vinyl Chloride	ND	0.00082	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00082	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00082	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	107	74-131				
Toluene-d8	103	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FMW-9-30.0					
Laboratory ID:	08-194-06					
Vinyl Chloride	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	107	74-131				
Toluene-d8	104	78-128				
4-Bromofluorobenzene	100	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-9-35.0					
Laboratory ID:	08-194-07					
Vinyl Chloride	ND	0.00087	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00087	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00087	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	103	78-128				
4-Bromofluorobenzene	98	71-130				

Client ID:	FMW-9-40.0					
Laboratory ID:	08-194-08					
Vinyl Chloride	ND	0.00087	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00087	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00087	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	74-131				
Toluene-d8	103	78-128				
4-Bromofluorobenzene	95	71-130				

Client ID:	FMW-9-45.0					
Laboratory ID:	08-194-09					
Vinyl Chloride	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	109	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	95	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date		
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags	
Client ID:	FMW-9-50.0						
Laboratory ID:	08-194-10						
Vinyl Chloride	ND	0.00076	EPA 8260D	8-20-21	8-20-21		
(trans) 1,2-Dichloroethene	ND	0.00076	EPA 8260D	8-20-21	8-20-21		
(cis) 1,2-Dichloroethene	ND	0.00076	EPA 8260D	8-20-21	8-20-21		
Trichloroethene	ND	0.00076	EPA 8260D	8-20-21	8-20-21		
Tetrachloroethene	ND	0.00076	EPA 8260D	8-20-21	8-20-21		
Surrogate:	Percent Recovery	Control Limits					
Dibromofluoromethane	109	74-131					
Toluene-d8	104	78-128					
4-Bromofluorobenzene	93	71-130					
Client ID:	FMW-9-55.0						
Laboratory ID:	08-194-11						
Vinyl Chloride	ND	0.00073	EPA 8260D	8-20-21	8-20-21		

Vinyl Chloride	ND	0.00073	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00073	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00073	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00073	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00073	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	107	74-131				
Toluene-d8	104	78-128				
4-Bromofluorobenzene	96	71-130				

Client ID:	FMW-9-60.0					
Laboratory ID:	08-194-12					
Vinyl Chloride	ND	0.00074	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00074	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00074	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00074	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00074	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	109	74-131				
Toluene-d8	103	78-128				
4-Bromofluorobenzene	94	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-9-65.0					
Laboratory ID:	08-194-13					
Vinyl Chloride	ND	0.00082	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00082	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00082	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	108	74-131				
Toluene-d8	103	78-128				
4-Bromofluorobenzene	94	71-130				

Client ID:	FMW-9-70.0					
Laboratory ID:	08-194-14					
Vinyl Chloride	ND	0.00037	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00037	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00037	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00037	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00037	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	109	74-131				
Toluene-d8	103	78-128				
4-Bromofluorobenzene	91	71-130				

Client ID:	FMW-9-75.0					
Laboratory ID:	08-194-15					
Vinyl Chloride	ND	0.00080	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00080	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00080	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00080	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00080	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	110	74-131				
Toluene-d8	103	78-128				
4-Bromofluorobenzene	91	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-9-80.0					
Laboratory ID:	08-194-16					
Vinyl Chloride	ND	0.00073	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00073	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00073	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00073	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00073	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	74-131				
Toluene-d8	104	78-128				
4-Bromofluorobenzene	98	71-130				

Client ID:	FMW-9-85.0					
Laboratory ID:	08-194-17					
Vinyl Chloride	ND	0.00076	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00076	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00076	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00076	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00076	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	103	78-128				
4-Bromofluorobenzene	99	71-130				

Client ID:	FMW-9-90.0					
Laboratory ID:	08-194-18					
Vinyl Chloride	ND	0.00068	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00068	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00068	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00068	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00068	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	74-131				
Toluene-d8	104	78-128				
4-Bromofluorobenzene	96	71-130				



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## VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0820S1					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	107	74-131				
Toluene-d8	105	78-128				
4-Bromofluorobenzene	100	71-130				

					Pe	rcent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Rec	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB08	20S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0528	0.0504	0.0500	0.0500	106	101	71-131	5	19	
Benzene	0.0506	0.0484	0.0500	0.0500	101	97	73-124	4	18	
Trichloroethene	0.0488	0.0470	0.0500	0.0500	98	94	79-130	4	18	
Toluene	0.0472	0.0457	0.0500	0.0500	94	91	76-123	3	18	
Chlorobenzene	0.0455	0.0448	0.0500	0.0500	91	90	78-122	2	18	
Surrogate:										
Dibromofluoromethane					107	108	74-131			
Toluene-d8					104	105	78-128			
4-Bromofluorobenzene					101	102	71-130			



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Date of Report: August 26, 2021 Samples Submitted: August 19, 2021 Laboratory Reference: 2108-194 Project: 691-023

### % MOISTURE

			Date
Client ID	Lab ID	% Moisture	Analyzed
FMW-9-5.0	08-194-01	8	8-24-21
FMW-9-10.0	08-194-02	7	8-24-21
FMW-9-15.0	08-194-03	7	8-24-21
FMW-9-20.0	08-194-04	8	8-24-21
FMW-9-25.0	08-194-05	8	8-24-21
FMW-9-30.0	08-194-06	7	8-24-21
FMW-9-35.0	08-194-07	6	8-24-21
FMW-9-40.0	08-194-08	6	8-24-21
FMW-9-45.0	08-194-09	4	8-24-21
FMW-9-50.0	08-194-10	13	8-24-21
FMW-9-55.0	08-194-11	9	8-24-21
FMW-9-60.0	08-194-12	11	8-24-21
FMW-9-65.0	08-194-13	5	8-24-21
FMW-9-70.0	08-194-14	8	8-24-21
FMW-9-75.0	08-194-15	7	8-24-21
FMW-9-80.0	08-194-16	5	8-24-21
FMW-9-85.0	08-194-17	8	8-24-21
FMW-9-90.0	08-194-18	8	8-24-21



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### **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.

Ζ-

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



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Reviewed/Date	Received	Relinquished	Received	Kelinquished	Inthetter	Received N	Relinquished	Signature A	10 Fmw-9-50.0	9 FININA- HSO	8 FMM-9- 40.0	7 Fmw-9- 35.0	4 FMW-9-30.0	5 FMin 9- 25:0	4 Frank 9- 20.0	3 FANNA- 15.0	2 FANN-9- 10.0	1 F-MW-9-50	Lab ID Sample Identification	sampred by: Greg Patus	Project Manager: Logan Solumaces	Project Name: Nach St Place	691-023	Company: Favallow	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 9805 Phone: (425) 883-3881 • www.onsite-env.co	Environmental Inc.
Review				1-1	Som C	· ·	Fava	Company	A 1601	///	1146	915	alb	845	Ohe Bho	518	018	8/18/21 75	Date Tin Sampled Sam	0		X Standard (7 I	2 Days	Same Day	2 (in worki	0
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					17/16/18	Quala	12/31/8	Date											NWTP NWTP NWTP	H-Gx/I H-Gx H-Dx (	3TEX	/ SG CI	ean-up	)	Laboratory	ustody
					0100		1835	Time									_	×	Volatil Halogo EDB E	enated PA 801	DD Volatiles 1 (Wate	s 8260D rs Only	'Sh.	Hist	Number:	
Obvomatorrame with final report	Data Package: Standard  Level III  Leve				Vingl Chloride	Line in	Shortlist ; PCE, TCE, cis-1	Comments/Special Instructions											Semiv (with la PAHs PCBs Organ Organ Chloriu Total F Total N TCLP HEM (	olatiles ow-leve 3270E/ 8082A ochlori ophosp nated A RCRA N ATCA N Metals oil and	8270E/ el PAHs) SIM (lov ne Pesti ohorus F acid Her Aetals Aetals grease)	(SIM w-level) cides 8 Pesticide bicides	081B es 8270 8151A	DE/SIM	08 - 194	Page 1
	el IV 🗌						thens - DCE,		4									X	% Moi	sture						e V

Reviewed/Date	Received	Relinquished	Received	Relinquished	Received Alchauter	Relinquished	Signature 0	0-06- 5-MW XI	17 Frind-9-85.0	14 FMW-9-80.0	15 FANN 9-75.0	14 FMW-9-70-0	13 FANNA-65.0	12 Fmw-9-60-0	11 FANUS- 9-55.0	Lab ID Sample Identification	Sampled by Greg Forks	Condict his Japan Schwarder	Priort Managor Work & Place	Brainet Manace	Company: Farallon	Artalytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Environmental Inc.
Reviewed/Date					M OSE	Farallon	Company	- 1750	1745	1742	0171	1700	1640	1635	8/18/21 1610 5011	Date Time Sampled Sampled Matrix	(other)		Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(in working days)	Chain of
-					8/19/20 0900	8/18/21 1835	Date Time	F							X	NWTP NWTP NWTP NWTP Volatile Haloge	H-HCI H-Gx/I H-Gx H-Dx ( enated	D BTEX Acid	/ SG Cl s 82600	ean-up)	list	Laboratory Numbe	Custody
Chromatograms with final report 🗌 Electronic Data Deliverables	Data Package: Standard 🛛 Level III 🗌 Level IV 🗌					See and A	Comments/Special Instructions									EDB E Semiv. (with k PAHs & PCBs Organo Organo Chlorir Total R Total N TCLP I HEM (c	PA 807 Dolatiles 3270E/ 8082A B082A Dochlori pophosp nated <i>A</i> CRA N TTCA N Metals	I 1 (Wate 8270E al PAHs SIM (lo ne Pest bhorus I Acid He Acid He Acid He Acid He Acials	/SIM ) w-level) icides 8 Pesticides bicides	081B 95 8270 8151A	E/SIM	er: 08 - 194	Page & of X



August 26, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-208

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 19, 2021.

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: August 26, 2021 Samples Submitted: August 19, 2021 Laboratory Reference: 2108-208 Project: 691-023

#### **Case Narrative**

Samples were collected on August 19, 2021 and received by the laboratory on August 19, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



2

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-9-95.0					
Laboratory ID:	08-208-01					
Vinyl Chloride	ND	0.00081	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00081	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00081	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00081	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00081	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	103	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FMW-9-100.0					
Laboratory ID:	08-208-02					
Vinyl Chloride	ND	0.00082	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00082	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00082	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	99	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FMW-9-105.0					
Laboratory ID:	08-208-03					
Vinyl Chloride	ND	0.00073	EPA 8260D	8-24-21	8-24-21	
(trans) 1,2-Dichloroethene	ND	0.00073	EPA 8260D	8-24-21	8-24-21	
(cis) 1,2-Dichloroethene	ND	0.00073	EPA 8260D	8-24-21	8-24-21	
Trichloroethene	ND	0.00073	EPA 8260D	8-24-21	8-24-21	
Tetrachloroethene	ND	0.00073	EPA 8260D	8-24-21	8-24-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	74-131				
Toluene-d8	99	78-128				
4-Bromofluorobenzene	96	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-9-110.0					
Laboratory ID:	08-208-04					
Vinyl Chloride	ND	0.00065	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00065	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00065	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00065	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00065	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	99	71-130				

Client ID:	FMW-9-115.0					
Laboratory ID:	08-208-05					
Vinyl Chloride	ND	0.00062	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00062	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00062	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00062	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00062	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	98	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	98	71-130				

Client ID:	FMW-15-100.0					
Laboratory ID:	08-208-06					
Vinyl Chloride	ND	0.00069	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00069	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00069	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00069	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00069	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	98	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-15-105.0					
Laboratory ID:	08-208-07					
Vinyl Chloride	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	74-131				
Toluene-d8	102	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FMW-15-110.0					
Laboratory ID:	08-208-08					
Vinyl Chloride	ND	0.00085	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00085	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00085	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	99	71-130				

Client ID:	FMW-115-115.0					
Laboratory ID:	08-208-09					
Vinyl Chloride	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	103	78-128				
4-Bromofluorobenzene	101	71-130				



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## VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0820S2					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	100	71-130				
Laboratory ID:	MB0824S1					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-24-21	8-24-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-24-21	8-24-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-24-21	8-24-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-24-21	8-24-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-24-21	8-24-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	106	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	99	71-130				



### VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Rec	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB08	20S2								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0531	0.0510	0.0500	0.0500	106	102	71-131	4	19	
Benzene	0.0520	0.0513	0.0500	0.0500	104	103	73-124	1	18	
Trichloroethene	0.0529	0.0506	0.0500	0.0500	106	101	79-130	4	18	
Toluene	0.0523	0.0502	0.0500	0.0500	105	100	76-123	4	18	
Chlorobenzene	0.0519	0.0498	0.0500	0.0500	104	100	78-122	4	18	
Surrogate:										
Dibromofluoromethane					99	102	74-131			
Toluene-d8					101	102	78-128			
4-Bromofluorobenzene					104	104	71-130			
Laboratory ID:	SB08	24S1								
<b>ł</b>	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0509	0.0500	0.0500	0.0500	102	100	71-131	2	19	
Benzene	0.0554	0.0549	0.0500	0.0500	111	110	73-124	1	18	
Trichloroethene	0.0592	0.0591	0.0500	0.0500	118	118	79-130	0	18	
Toluene	0.0543	0.0546	0.0500	0.0500	109	109	76-123	1	18	
Chlorobenzene	0.0562	0.0587	0.0500	0.0500	112	117	78-122	4	18	
Surrogate:										
Dibromofluoromethane					103	101	74-131			
Toluene-d8					102	100	78-128			
4-Bromofluorobenzene					101	98	71-130			



Date of Report: August 26, 2021 Samples Submitted: August 19, 2021 Laboratory Reference: 2108-208 Project: 691-023

# % MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FMW-9-95.0	08-208-01	5	8-24-21
FMW-9-100.0	08-208-02	7	8-24-21
FMW-9-105.0	08-208-03	9	8-24-21
FMW-9-110.0	08-208-04	12	8-24-21
FMW-9-115.0	08-208-05	9	8-24-21
FMW-15-100.0	08-208-06	8	8-24-21
FMW-15-105.0	08-208-07	14	8-24-21
FMW-15-110.0	08-208-08	15	8-24-21
FMW-115-115.0	08-208-09	16	8-24-21



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#### **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.

Ζ-

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



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Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished	Signature	9 Finutils-1150	8 FMW-15- 110.0	7 FMW-15-105.0	6 FMW-15-100.0	5 FMW9-1150	4 FIMW-9- 110-0	3 FANNIG- 105.0	2 FANN-9- 100-0	1 FMW-9-95.0	Lab ID Sample Identification	unipped by Gree Fotos	Sampled hur Lougan Schuimacer	Project Name: Marin St Race	Figer Number	Company: Favallon	Analytical Laboratory Testing Services 14648 NE 95th Street * Redmond, WA 98052 Phone: (425) 883-3881 * www.onsite-env.com	Environmental Inc.
Reviewed/Date					CONE ONE	Farallon	Company	- 1800 -	0211	1650	16:20	1010	1000	-526	922	8/19/21 825 Soil :	Date Time Sampled Sampled Matrix	(other)		K Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(in working days)	Chain of
			Line		N/19/W	8/14/21	Date T										NWTP NWTP NWTP NWTP	PH-HC PH-GX/ PH-GX PH-DX PH-DX es 826	D BTEX	1ers	ean-up)		Laboratory N	Custody
0	D				(900)	19eo S	ime C	×	R	X	×	×	×	×	×	×	EDB E Semiv	enated PA 80	Volatile 11 (Wat s 8270E	es 82600 ters Only E/SIM	) she	wilist	lumber:	
hromatograms with final report	ata Package: Standard 🗌 Leve				Vinul chil	shartist; PCE, TCE, c	omments/Special Instructions										(with I PAHs PCBs Organ Organ Chlorii Total F	ow-lev 8270E 8082A ochlor ophos nated RCRA	el PAHs /SIM (lo ine Pes phorus Acid He Vletals	s) pw-level) ticides 8 Pesticid erbicides	081B es 8270 8151A	E/SIM	08-208	
Electronic Data Deliverables (EDDs)					ovide	is- /haus DCE,		E								0	TCLP HEM (	Metals oil and	grease	e) 1664A				Page 1 of 1



August 26, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-208

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 19, 2021.

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: August 26, 2021 Samples Submitted: August 19, 2021 Laboratory Reference: 2108-208 Project: 691-023

#### **Case Narrative**

Samples were collected on August 19, 2021 and received by the laboratory on August 19, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-9-95.0					
Laboratory ID:	08-208-01					
Vinyl Chloride	ND	0.00081	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00081	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00081	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00081	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00081	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	103	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FMW-9-100.0					
Laboratory ID:	08-208-02					
Vinyl Chloride	ND	0.00082	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00082	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00082	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00082	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	99	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FMW-9-105.0					
Laboratory ID:	08-208-03					
Vinyl Chloride	ND	0.00073	EPA 8260D	8-24-21	8-24-21	
(trans) 1,2-Dichloroethene	ND	0.00073	EPA 8260D	8-24-21	8-24-21	
(cis) 1,2-Dichloroethene	ND	0.00073	EPA 8260D	8-24-21	8-24-21	
Trichloroethene	ND	0.00073	EPA 8260D	8-24-21	8-24-21	
Tetrachloroethene	ND	0.00073	EPA 8260D	8-24-21	8-24-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	74-131				
Toluene-d8	99	78-128				
4-Bromofluorobenzene	96	71-130				



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3

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-9-110.0					
Laboratory ID:	08-208-04					
Vinyl Chloride	ND	0.00065	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00065	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00065	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00065	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00065	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	99	71-130				

Client ID:	FMW-9-115.0					
Laboratory ID:	08-208-05					
Vinyl Chloride	ND	0.00062	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00062	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00062	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00062	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00062	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	98	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	98	71-130				

Client ID:	FMW-15-100.0					
Laboratory ID:	08-208-06					
Vinyl Chloride	ND	0.00069	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00069	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00069	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00069	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00069	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	98	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-15-105.0					
Laboratory ID:	08-208-07					
Vinyl Chloride	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	74-131				
Toluene-d8	102	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FMW-15-110.0					
Laboratory ID:	08-208-08					
Vinyl Chloride	ND	0.00085	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00085	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00085	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	99	71-130				

Client ID:	FMW-15-115.0					
Laboratory ID:	08-208-09					
Vinyl Chloride	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.00089	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	103	78-128				
4-Bromofluorobenzene	101	71-130				



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### VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0820S2					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-20-21	8-20-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-20-21	8-20-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-20-21	8-20-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-20-21	8-20-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-20-21	8-20-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	100	71-130				
Laboratory ID:	MB0824S1					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-24-21	8-24-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-24-21	8-24-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-24-21	8-24-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-24-21	8-24-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-24-21	8-24-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	106	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	99	71-130				



6

### VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

					Pe	rcent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Rec	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB08	20S2								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0531	0.0510	0.0500	0.0500	106	102	71-131	4	19	
Benzene	0.0520	0.0513	0.0500	0.0500	104	103	73-124	1	18	
Trichloroethene	0.0529	0.0506	0.0500	0.0500	106	101	79-130	4	18	
Toluene	0.0523	0.0502	0.0500	0.0500	105	100	76-123	4	18	
Chlorobenzene	0.0519	0.0498	0.0500	0.0500	104	100	78-122	4	18	
Surrogate:										
Dibromofluoromethane					99	102	74-131			
Toluene-d8					101	102	78-128			
4-Bromofluorobenzene					104	104	71-130			
Laboratory ID:	SB08	24S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0509	0.0500	0.0500	0.0500	102	100	71-131	2	19	
Benzene	0.0554	0.0549	0.0500	0.0500	111	110	73-124	1	18	
Trichloroethene	0.0592	0.0591	0.0500	0.0500	118	118	79-130	0	18	
Toluene	0.0543	0.0546	0.0500	0.0500	109	109	76-123	1	18	
Chlorobenzene	0.0562	0.0587	0.0500	0.0500	112	117	78-122	4	18	
Surrogate:										
Dibromofluoromethane					103	101	74-131			
Toluene-d8					102	100	78-128			
4-Bromofluorobenzene					101	98	71-130			



Date of Report: August 26, 2021 Samples Submitted: August 19, 2021 Laboratory Reference: 2108-208 Project: 691-023

# % MOISTURE

Client ID	Lah ID	% Moisture	Date Analyzed
	Edb ID		Analyzed
FMW-9-95.0	08-208-01	5	8-24-21
FMW-9-100.0	08-208-02	7	8-24-21
FMW-9-105.0	08-208-03	9	8-24-21
FMW-9-110.0	08-208-04	12	8-24-21
FMW-9-115.0	08-208-05	9	8-24-21
FMW-15-100.0	08-208-06	8	8-24-21
FMW-15-105.0	08-208-07	14	8-24-21
FMW-15-110.0	08-208-08	15	8-24-21
FMW-15-115.0	08-208-09	16	8-24-21



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#### **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.

Ζ-

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



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Chain of Custory         mage // in the second of Doys           Come Day         In working flagged         Laboratory         Cumber         0.8         0.8         0.9	Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished	Signature	9 partition FMW-15-115.0	8 FMW-15- 110.0	7 FMW-15-105.0	6 FMW-15-100.0	S FAMMA-1150	4 FMW-9- 110-0	3 FMW-9- 105.0	2 FANNIG- 100.0	1 Frank 1	Lab ID Sample Identification	Sampred by Great flatered	Project Manager.	Project Name: Nain St Place	Project Number: 691-023	Company: Favallay	Analytical Laporatory Iesting Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Environmental Inc.	in Ancita
Image: Standard     Comments/Special Instructions       Vingl     Vingl       Vingl     Vingl </td <td>Reviewed/Date</td> <td></td> <td></td> <td></td> <td></td> <td>- ONE</td> <td>Farallon</td> <td>Company</td> <td>- 1800 -</td> <td>0211</td> <td>1650</td> <td>16:20</td> <td>0101</td> <td>1000</td> <td>925-</td> <td>[ 922 ]</td> <td>8/19/21 825 Soil</td> <td>Date Time Sampled Sampled Matrix</td> <td>(other)</td> <td>]</td> <td>K Standard (7 Days)</td> <td>2 Days 3 Days</td> <td>Same Day</td> <td>(in working days)</td> <td>CIIGIII O</td> <td>Choin o</td>	Reviewed/Date					- ONE	Farallon	Company	- 1800 -	0211	1650	16:20	0101	1000	925-	[ 922 ]	8/19/21 825 Soil	Date Time Sampled Sampled Matrix	(other)	]	K Standard (7 Days)	2 Days 3 Days	Same Day	(in working days)	CIIGIII O	Choin o
Open notice     Open					01	SIN/W/C	8/19/21 19	Date Time									5	Numt NWTF NWTF NWTF NWTF Volati	PH-HC PH-Gx/ PH-Gx PH-Gx PH-Dx es 826	D BTEX	ers / SG CI	ean-up)	)	Laboratory Nur		f Circtody
	Chromatograms with final report 🗌 Electronic Data D	Data Package: Standard Devel III Level N			Vivia Citta	100 1/ml shleride	100 Shoutist: PCE, TCE, Cis-Nouns L	Comments/Special Instructions				×	×	×		×		Halog EDB I Semivitu PAHs PCBs Orgar Orgar Chlor Total Total Total HEM	enated ePA 80 olatile: ow-lev 8270E 8082/ 8082/ e0chlor ophos nated MCRA MCRA MCRA	Volatile 11 (Wat s 8270E el PAHs /SIM (lo ) ine Pest phorus Acid He Metals s I grease	s 82600 ers Only /SIM ) w-level) volevel) rbicides 8 Pesticid rbicides	081B 081B es 8270 8151A	DE/SIM	mber: 08-208	Page 1	


August 25, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-234

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 23, 2021.

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: August 25, 2021 Samples Submitted: August 23, 2021 Laboratory Reference: 2108-234 Project: 691-023

### **Case Narrative**

Samples were collected on August 23, 2021 and received by the laboratory on August 23, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-16-120.0					
Laboratory ID:	08-234-11					
Vinyl Chloride	ND	0.00076	EPA 8260D	8-24-21	8-24-21	
(trans) 1,2-Dichloroethene	ND	0.00076	EPA 8260D	8-24-21	8-24-21	
(cis) 1,2-Dichloroethene	ND	0.00076	EPA 8260D	8-24-21	8-24-21	
Trichloroethene	ND	0.00076	EPA 8260D	8-24-21	8-24-21	
Tetrachloroethene	ND	0.00076	EPA 8260D	8-24-21	8-24-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	103	74-131				
Toluene-d8	102	78-128				
4-Bromofluorobenzene	99	71-130				

Client ID:	FMW-16-125.0					
Laboratory ID:	08-234-12					
Vinyl Chloride	ND	0.00072	EPA 8260D	8-24-21	8-24-21	
(trans) 1,2-Dichloroethene	ND	0.00072	EPA 8260D	8-24-21	8-24-21	
(cis) 1,2-Dichloroethene	ND	0.00072	EPA 8260D	8-24-21	8-24-21	
Trichloroethene	ND	0.00072	EPA 8260D	8-24-21	8-24-21	
Tetrachloroethene	ND	0.00072	EPA 8260D	8-24-21	8-24-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	106	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	101	71-130				

Client ID:	FMW-16-130.0					
Laboratory ID:	08-234-13					
Vinyl Chloride	ND	0.00087	EPA 8260D	8-24-21	8-24-21	
(trans) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-24-21	8-24-21	
(cis) 1,2-Dichloroethene	ND	0.00087	EPA 8260D	8-24-21	8-24-21	
Trichloroethene	ND	0.00087	EPA 8260D	8-24-21	8-24-21	
Tetrachloroethene	ND	0.00087	EPA 8260D	8-24-21	8-24-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	107	74-131				
Toluene-d8	102	78-128				
4-Bromofluorobenzene	100	71-130				



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3

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-16-135.0					
Laboratory ID:	08-234-14					
Vinyl Chloride	ND	0.00091	EPA 8260D	8-24-21	8-24-21	
(trans) 1,2-Dichloroethene	ND	0.00091	EPA 8260D	8-24-21	8-24-21	
(cis) 1,2-Dichloroethene	ND	0.00091	EPA 8260D	8-24-21	8-24-21	
Trichloroethene	ND	0.00091	EPA 8260D	8-24-21	8-24-21	
Tetrachloroethene	ND	0.00091	EPA 8260D	8-24-21	8-24-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	105	74-131				
Toluene-d8	103	78-128				
4-Bromofluorobenzene	101	71-130				



## VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0824S1					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-24-21	8-24-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-24-21	8-24-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-24-21	8-24-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-24-21	8-24-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-24-21	8-24-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	106	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	99	71-130				

						Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	F	Rec	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS											
Laboratory ID:	SB08	24S1									
	SB	SBD	SB	SBD	S	вB	SBD				
1,1-Dichloroethene	0.0509	0.0500	0.0500	0.0500	1	02	100	71-131	2	19	
Benzene	0.0554	0.0549	0.0500	0.0500	1	11	110	73-124	1	18	
Trichloroethene	0.0592	0.0591	0.0500	0.0500	1	18	118	79-130	0	18	
Toluene	0.0543	0.0546	0.0500	0.0500	1	09	109	76-123	1	18	
Chlorobenzene	0.0562	0.0587	0.0500	0.0500	1	12	117	78-122	4	18	
Surrogate:											
Dibromofluoromethane					1	03	101	74-131			
Toluene-d8					1	02	100	78-128			
4-Bromofluorobenzene					1	01	98	71-130			



Date of Report: August 25, 2021 Samples Submitted: August 23, 2021 Laboratory Reference: 2108-234 Project: 691-023

# % MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FMW-16-120.0	08-234-11	13	8-24-21
FMW-16-125.0	08-234-12	9	8-24-21
FMW-16-130.0	08-234-13	14	8-24-21
FMW-16-135.0	08-234-14	16	8-24-21



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#### **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.

Ζ-

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



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Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished	Signature	10 FmW 16 - 115:0	9 FMW-16 - 110-0	8 FMW-16 - 105-0	7 FMW-16 - 100.0	6 FMW-16 - 95.0	5 FMW-16 - 90.0	4 FAV-16 - 85.0	3 FMV-16 - 80-0	2 FMW-16 - 75.0	1 mw-16 - 70-0	Lab ID Sample Identification	Gree Arters	Sampled her Congrue Johnna Car	Project Name: Marcu St Race	691-023	Company: Javallon	14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Analytical Laboratory Testing Services	INA OnSite
Reviewed/Da					1	formal	Company	5441 A	0621	0121	001	100	(610	1000	915	AID AID	8/2/21 905	Date Time Sampled Sampled	(other)	K Hold	Standard (7 Days)	2 Days	Same Day	(Check One)	Turnaround Requ	Cha
le					R	L		A A									Soil 5	Matrix Numb	er of PH-HC	<b>Contain</b>	ers	3 Days	] 1 Day		lest	iin of Cu
					Sh81 nK2B	8/33/21 1845	Date Time											NWTF NWTF NWTF Volatil Halog	PH-Gx PH-Gx PH-Dx es 820 enated PA 80	/BTEX ( Acid 50D d Volatile 111 (Wate	/ SG Cl s 8260E ers Only	ean-up) )			aboratory Number	ıstody
Chromatograms with final repor	Data Package: Standard					1	Comments/Special Instructions											Semiv (with I PAHs PCBs Organ Organ Chlori	olatile ow-lev 8270E 8082/ ochlo ophos nated	s 8270E, rel PAHs S/SIM (lor A rine Pest phorus I Acid Her Metals	/SIM ) w-level) icides 8 Pesticides bicides	081B es 8270 8151A	E/SIM	- 00 F 04	V E C - 8U	
t 🗌 Electronic Data Deliverables	Level III							B									×	Total I TCLP HEM	MTCA Metal coil and	Metals s	1664A					Page / of A
s (EDDs)																		% Moi	sture							

Reviewed/Date	Received	Relinquished	Received	Relinquished	Received A	Relinquished	Signature	-		Finite - 21- Martin	Partic - 140	14 FMer-16 - 135	13 FINW-16 - 130	12 June - 125	11 Fmw-16 -120	Lab ID Sample Iden	Campion by.	Sampled by: Logen Sch	Project Name: March St /	Project Names	Company: Jour Van	Analytical Laboratory Testi 14648 NE 95th Street • Phone: (425) 883-3881	Environme
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Rev					1	fer	Comp					+	15	1 19	1 14/2018	Date Sampled S			X Standard	2 Days	Same Da	(in wo	e
riewed/Date					QUE	rauly	any					535 L	50	ino	515 5011	Time ampled Matrix	(other)		(7 Days)	🗌 3 Days	y Inch Circley	orking days)	Chain
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					8/23/2	ababi	Date									NWTF NWTF NWTF	PH-Gx/ PH-Gx PH-Dx (	BTEX	/ SG CI	ean-up	)	aborator	ustody
	-				Sher	1845	Time					×	×	×	×	Volatil Halog	enated	0D Volatile 11 (Wate	s 8260E ers Only	) Shar	Hist	y Number	
Chromato	Data Pack					Shout	Comment									Semiv (with I PAHs	volatile: ow-lev 8270E	s 8270E el PAHs /SIM (lo	/SIM ) w-level)				
grams with final rej	kage: Standard			Vi		st : PCE,	s/Special Instructio									PCBs Organ Organ Chlori	8082A lochlor lophos nated /	ine Pest phorus I Acid Hei	icides 8 Pesticide	081B es 8270 8151A	E/SIM	-234	
port Electror	Level III			Quen ) R	1 /1/ ·1	TCE.	SUI									Total F Total N TCLP	RCRA I	Vletals Vletals					Page
nic Data Deliverables (EDDs)	Level IV			te.		cistians 1,2-DCE										HEM (	oil and	grease)	1664A				A of X



August 31, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-249

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 25, 2021.

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: August 31, 2021 Samples Submitted: August 25, 2021 Laboratory Reference: 2108-249 Project: 691-023

### **Case Narrative**

Samples were collected on August 24, 2021 and received by the laboratory on August 25, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



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## GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Water Units: ug/L (ppb)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-10-20210824					
Laboratory ID:	08-249-02					
Gasoline	ND	100	NWTPH-Gx	8-26-21	8-26-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	103	66-117				



### GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Water Units: ug/L (ppb)

							Date	Date	)	
Analyte		Result		PQL	Me	ethod	Prepared	Analyz	ed	Flags
METHOD BLANK										
Laboratory ID:		MB0826W1								
Gasoline		ND		100	NW	ГРН-Gx	8-26-21	8-26-2	21	
Surrogate:	Per	rcent Recove	ry Co	ntrol Limi	its					
Fluorobenzene		98	-	66-117						
					Source	Percent	Recovery		RPD	
Analyte	Res	sult	Spik	e Level	Result	Recovery	/ Limits	RPD	Limit	Flags
DUPLICATE										
Laboratory ID:	08-26	69-03								
	ORIG	DUP								
Gasoline	ND	ND	NA	NA		NA	NA	NA	30	
Surrogate:										
Fluorobenzene						106 9	9 66-117			



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# DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Water Units: mg/L (ppm)

0 (11 )				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-10-20210824					
Laboratory ID:	08-249-02					
Diesel Range Organics	ND	0.23	NWTPH-Dx	8-26-21	8-26-21	
Lube Oil Range Organics	ND	0.23	NWTPH-Dx	8-26-21	8-26-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	90	50-150				



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#### DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Water Units: mg/L (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0826W1					
Diesel Range Organics	ND	0.20	NWTPH-Dx	8-26-21	8-26-21	
Lube Oil Range Organics	ND	0.20	NWTPH-Dx	8-26-21	8-26-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	85	50-150				

					Source	Perce	nt	Recovery		RPD	
Analyte	Result		Spike Level		Result	Recovery		Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	SB08	26W1									
	ORIG	DUP									
Diesel Fuel #2	0.394	0.383	NA	NA		NA		NA	3	NA	
Surrogate: o-Terphenyl						92	89	50-150			



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Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	MW-1-20210824					
Laboratory ID:	08-249-01					
Vinyl Chloride	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Trichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Tetrachloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	75-127				
Toluene-d8	100	80-127				
4-Bromofluorobenzene	97	78-125				

Client ID:	FMW-10-20210824					
Laboratory ID:	08-249-02					
Vinyl Chloride	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Benzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Trichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Toluene	ND	1.0	EPA 8260D	8-26-21	8-26-21	
Tetrachloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Ethylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
m,p-Xylene	ND	0.40	EPA 8260D	8-26-21	8-26-21	
o-Xylene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	103	75-127				
Toluene-d8	100	80-127				
4-Bromofluorobenzene	99	78-125				

Client ID:	FMW-13-20210824					
Laboratory ID:	08-249-03					
Vinyl Chloride	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Trichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Tetrachloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	75-127				
Toluene-d8	99	80-127				
4-Bromofluorobenzene	96	78-125				



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Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	MW-6-20210824					
Laboratory ID:	08-249-04					
Vinyl Chloride	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Trichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Tetrachloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	75-127				
Toluene-d8	99	80-127				
4-Bromofluorobenzene	97	78-125				

Client ID:	FMW-14-20210824					
Laboratory ID:	08-249-05					
Vinyl Chloride	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Trichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Tetrachloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	103	75-127				
Toluene-d8	101	80-127				
4-Bromofluorobenzene	97	78-125				



## VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Water Units: ug/L

0				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0826W1					
Vinyl Chloride	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Benzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Trichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Toluene	ND	1.0	EPA 8260D	8-26-21	8-26-21	
Tetrachloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Ethylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
m,p-Xylene	ND	0.40	EPA 8260D	8-26-21	8-26-21	
o-Xylene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	75-127				
Toluene-d8	99	80-127				
4-Bromofluorobenzene	96	78-125				

					Pe	rcent	Recovery		RPD	
Analyte	Res	sult	Spike	Spike Level		overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB082	26W1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	10.5	10.4	10.0	10.0	105	104	78-124	1	19	
Benzene	10.4	10.4	10.0	10.0	104	104	80-119	0	16	
Trichloroethene	10.6	10.4	10.0	10.0	106	104	80-121	2	18	
Toluene	10.2	10.2	10.0	10.0	102	102	80-117	0	18	
Chlorobenzene	9.70	9.70	10.0	10.0	97	97	80-117	0	17	
Surrogate:										
Dibromofluoromethane					102	102	75-127			
Toluene-d8					102	100	80-127			
4-Bromofluorobenzene					100	100	78-125			



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### **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.

Ζ-

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



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Reviewed/Date	Received	Relinquished	Received	Relinquished	Received Number	Relinquished	Signature 0			S FMW-14-20210824	4 MW-6- 20210824	3 FMW-13-20210824	2 FMW-10- 20210824	1 MW-1-082472+ 20210824	Lab ID Sample Identification	G. Peters & C. Van Stolk	Logan Schumacher	Main Strect Place	691-023	Company: Farallon	14648 NE 95th Street + Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Analytical Laboratory Testing Services	OnSite Environmental Inc
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August 26, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-250

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 25, 2021.

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: August 26, 2021 Samples Submitted: August 25, 2021 Laboratory Reference: 2108-250 Project: 691-023

### **Case Narrative**

Samples were collected on August 24, 2021 and received by the laboratory on August 25, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



2

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-16-140.0					
Laboratory ID:	08-250-01					
Vinyl Chloride	ND	0.00081	EPA 8260D	8-25-21	8-25-21	
(trans) 1,2-Dichloroethene	ND	0.00081	EPA 8260D	8-25-21	8-25-21	
(cis) 1,2-Dichloroethene	ND	0.00081	EPA 8260D	8-25-21	8-25-21	
Trichloroethene	ND	0.00081	EPA 8260D	8-25-21	8-25-21	
Tetrachloroethene	ND	0.00081	EPA 8260D	8-25-21	8-25-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	103	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	101	71-130				

Client ID:	FMW-16-145.0					
Laboratory ID:	08-250-02					
Vinyl Chloride	ND	0.00085	EPA 8260D	8-25-21	8-25-21	
(trans) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-25-21	8-25-21	
(cis) 1,2-Dichloroethene	ND	0.00085	EPA 8260D	8-25-21	8-25-21	
Trichloroethene	ND	0.00085	EPA 8260D	8-25-21	8-25-21	
Tetrachloroethene	ND	0.00085	EPA 8260D	8-25-21	8-25-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	105	74-131				
Toluene-d8	102	78-128				
4-Bromofluorobenzene	102	71-130				

Client ID:	FMW-16-150.0					
Laboratory ID:	08-250-03					
Vinyl Chloride	ND	0.00088	EPA 8260D	8-25-21	8-25-21	
(trans) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-25-21	8-25-21	
(cis) 1,2-Dichloroethene	ND	0.00088	EPA 8260D	8-25-21	8-25-21	
Trichloroethene	ND	0.00088	EPA 8260D	8-25-21	8-25-21	
Tetrachloroethene	ND	0.00088	EPA 8260D	8-25-21	8-25-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	103	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	100	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-16-155.0					
Laboratory ID:	08-250-04					
Vinyl Chloride	ND	0.00089	EPA 8260D	8-25-21	8-25-21	
(trans) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-25-21	8-25-21	
(cis) 1,2-Dichloroethene	ND	0.00089	EPA 8260D	8-25-21	8-25-21	
Trichloroethene	ND	0.00089	EPA 8260D	8-25-21	8-25-21	
Tetrachloroethene	ND	0.00089	EPA 8260D	8-25-21	8-25-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	74-131				
Toluene-d8	99	78-128				
4-Bromofluorobenzene	101	71-130				

Client ID:	FMW-16-160.0					
Laboratory ID:	08-250-05					
Vinyl Chloride	ND	0.00099	EPA 8260D	8-25-21	8-25-21	
(trans) 1,2-Dichloroethene	ND	0.00099	EPA 8260D	8-25-21	8-25-21	
(cis) 1,2-Dichloroethene	ND	0.00099	EPA 8260D	8-25-21	8-25-21	
Trichloroethene	ND	0.00099	EPA 8260D	8-25-21	8-25-21	
Tetrachloroethene	ND	0.00099	EPA 8260D	8-25-21	8-25-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	107	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	101	71-130				



## VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0825S1					
Vinyl Chloride	ND	0.0010	EPA 8260D	8-25-21	8-25-21	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-25-21	8-25-21	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	8-25-21	8-25-21	
Trichloroethene	ND	0.0010	EPA 8260D	8-25-21	8-25-21	
Tetrachloroethene	ND	0.0010	EPA 8260D	8-25-21	8-25-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	74-131				
Toluene-d8	103	78-128				
4-Bromofluorobenzene	103	71-130				

					Percen		Recovery	RPD		
Analyte	Res	sult	Spike	Level	Rec	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB08	25S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0481	0.0470	0.0500	0.0500	96	94	71-131	2	19	
Benzene	0.0547	0.0533	0.0500	0.0500	109	107	73-124	3	18	
Trichloroethene	0.0567	0.0566	0.0500	0.0500	113	113	79-130	0	18	
Toluene	0.0520	0.0519	0.0500	0.0500	104	104	76-123	0	18	
Chlorobenzene	0.0562	0.0540	0.0500	0.0500	112	108	78-122	4	18	
Surrogate:										
Dibromofluoromethane					104	104	74-131			
Toluene-d8					100	102	78-128			
4-Bromofluorobenzene					102	101	71-130			



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Date of Report: August 26, 2021 Samples Submitted: August 25, 2021 Laboratory Reference: 2108-250 Project: 691-023

## % MOISTURE

			Date
Client ID	Lab ID	% Moisture	Analyzed
FMW-16-140.0	08-250-01	16	8-26-21
FMW-16-145.0	08-250-02	13	8-26-21
FMW-16-150.0	08-250-03	16	8-26-21
FMW-16-155.0	08-250-04	13	8-26-21
FMW-16-160.0	08-250-05	20	8-26-21



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## **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.

Ζ-

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



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Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished	Signature				0-001 - MMA C		4 FMW-16 - 155.0	3 FIMW-16 - 150.0	2 FMW-16-145.0	1 Janw-16- 140-0	Lab 10 Sample Identification	sampled by Gree Flers	river manager. Corpus Schwinger	Project Name: Mary & Norle	Red By manual	Company: Forwellon	14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Analytical Laboratory Testing Services	in OnSite
Reviewed/Date					050 V	Ferrell	Company				1015		1010	1000	1 948 1	8/21/h 9/43- 5pil 3	Date Time Sampled Sampled Matrix	(other)	]	K Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(in working days)	Turnaround Request	Chain of
					STAN CONTR	8/2+1/2 1815	Date Time					X	X	X	×	× ×	NWTH NWTH NWTH NWTH Volati Halog	PH-HCI PH-Gx/ PH-Gx PH-Dx les 826 genated EPA 80	D BTEX Acic OD Volatile 11 (Wat	s 8260E ers Only	lean-up	) Alst		Laboratory Number	Custody
Chromatograms with final report  Electronic Data Deliverables	Data Package: Standard 🗌 Level III 🗍 Level IV 🗌	1 1	& Vinil Worde.	and all condition	ris-thank-ris in	Short list 3 PCE, TCE, at	Comments/Special Instructions										EDB Semiri (with PAHs PCBs Orgar Orgar Chlor Total Total Total HEM	volatilei low-lev 8270E 8082A nochlor nophos inated RCRA MTCA MTCA	Representation of the second s	/SIM )) ww-level) ticides 8 Pesticid rbicides	) 081B es 827( 8151A	DE/SIM		08-250	Page 1 of 1
(EDDs)										-	4	1				+	% Mc	isture				_			1



August 31, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-269

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 25, 2021.

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: August 31, 2021 Samples Submitted: August 25, 2021 Laboratory Reference: 2108-269 Project: 691-023

### **Case Narrative**

Samples were collected on August 25, 2021 and received by the laboratory on August 25, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



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## GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Water Units: ug/L (ppb)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-8-20210825					
Laboratory ID:	08-269-03					
Gasoline	ND	100	NWTPH-Gx	8-26-21	8-26-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	106	66-117				



### GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Water Units: ug/L (ppb)

							Date	Date	)		
Analyte		Result		PQL	Me	ethod	Prepared	Analyz	ed	Flags	
METHOD BLANK											
Laboratory ID:		MB0826W1									
Gasoline		ND		100	NW	FPH-Gx	8-26-21	8-26-2	21		
Surrogate:	Per	rcent Recove	ry Co	ntrol Limi	its						
Fluorobenzene		98		66-117							
					Source	Percent	Recovery		RPD		
Analyte	Res	sult	Spik	e Level	Result	Recover	y Limits	RPD	Limit	Flags	
DUPLICATE											
Laboratory ID:	08-26	69-03									
	ORIG	DUP									
Gasoline	ND	ND	NA	NA		NA	NA	NA	30		
Surrogate:											
Fluorobenzene						106 9	9 66-117				



4

# DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Water Units: mg/L (ppm)

0 (11 )				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-8-20210825					
Laboratory ID:	08-269-03					
Diesel Range Organics	0.36	0.21	NWTPH-Dx	8-26-21	8-26-21	
Lube Oil Range Organics	0.33	0.21	NWTPH-Dx	8-26-21	8-26-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	91	50-150				



5

#### DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Water Units: mg/L (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0826W1					
Diesel Range Organics	ND	0.20	NWTPH-Dx	8-26-21	8-26-21	
Lube Oil Range Organics	ND	0.20	NWTPH-Dx	8-26-21	8-26-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	85	50-150				

					Source	Perce	nt	Recovery		RPD	
Analyte	Res	sult	Spike	Spike Level		Recovery		Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	SB08	26W1									
	ORIG	DUP									
Diesel Fuel #2	0.394	0.383	NA	NA		NA		NA	3	NA	
Surrogate: o-Terphenyl						92	89	50-150			



6

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-11-20210825					
Laboratory ID:	08-269-01					
Vinyl Chloride	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Trichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Tetrachloroethene	0.52	0.20	EPA 8260D	8-26-21	8-26-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	75-127				
Toluene-d8	100	80-127				
4-Bromofluorobenzene	96	78-125				

Client ID:	MW-5-20210825					
Laboratory ID:	08-269-02					
Vinyl Chloride	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Trichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Tetrachloroethene	18	0.20	EPA 8260D	8-26-21	8-26-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	75-127				
Toluene-d8	100	80-127				
4-Bromofluorobenzene	96	78-125				

Client ID:	FMW-8-20210825					
Laboratory ID:	08-269-03					
Vinyl Chloride	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Benzene	0.26	0.20	EPA 8260D	8-26-21	8-26-21	
Trichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Toluene	ND	1.0	EPA 8260D	8-26-21	8-26-21	
Tetrachloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Ethylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
m,p-Xylene	ND	0.40	EPA 8260D	8-26-21	8-26-21	
o-Xylene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	75-127				
Toluene-d8	99	80-127				
4-Bromofluorobenzene	96	78-125				



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7

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-12-20210825					
Laboratory ID:	08-269-04					
Vinyl Chloride	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Trichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Tetrachloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	99	75-127				
Toluene-d8	100	80-127				
4-Bromofluorobenzene	98	78-125				

Client ID:	MW-2-20210825					
Laboratory ID:	08-269-05					
Vinyl Chloride	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Trichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Tetrachloroethene	33	0.20	EPA 8260D	8-26-21	8-26-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	75-127				
Toluene-d8	99	80-127				
4-Bromofluorobenzene	96	78-125				


# VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Water Units: ug/L

0				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0826W1					
Vinyl Chloride	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Benzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Trichloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Toluene	ND	1.0	EPA 8260D	8-26-21	8-26-21	
Tetrachloroethene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Ethylbenzene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
m,p-Xylene	ND	0.40	EPA 8260D	8-26-21	8-26-21	
o-Xylene	ND	0.20	EPA 8260D	8-26-21	8-26-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	75-127				
Toluene-d8	99	80-127				
4-Bromofluorobenzene	96	78-125				

					Per	cent	Recovery		RPD	
Analyte	nalyte Result		Spike Level		Rec	Recovery		RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB082	26W1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	10.5	10.4	10.0	10.0	105	104	78-124	1	19	
Benzene	10.4	10.4	10.0	10.0	104	104	80-119	0	16	
Trichloroethene	10.6	10.4	10.0	10.0	106	104	80-121	2	18	
Toluene	10.2	10.2	10.0	10.0	102	102	80-117	0	18	
Chlorobenzene	9.70	9.70	10.0	10.0	97	97	80-117	0	17	
Surrogate:										
Dibromofluoromethane					102	102	75-127			
Toluene-d8					102	100	80-127			
4-Bromofluorobenzene					100	100	78-125			



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#### **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.

Ζ-

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



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Reviewed/Date	Received	Relinquished	Relinquished	Received	Relinquished	Signature A		5 MW-2-1021082521	4 Fright 2 - 2021082521	3 FMW-B-2021082521	2 MW-5-2021082521	1 Fmw-11 - 2021082521	Lab 10 Sample Identification	sampled by: Grey Herey ! Courtiery	Project Manager: 10 gan Schuma car	Project Name: Mari of Place	Project Number: 691-023	Company: Forally	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Environmental Inc.
Reviewed/Date				13C)	- House Mon	Company		7 - 0521 - 7	836	1044	1600	Blogly 935 Water 7	Date Time Sampled Sampled Matrix	(other)	Contain	Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(in working days)	Chain of
			-	828/11 165	8/25/21 1654	Date Time		×.		XXX	*	×	NWTP NWTP NWTP NWTP Volatil Halogi	PH-HCI PH-Gx/P PH-Gx PH-Dx ( es 826 enated	D BTEX Acid OD Volatile	/ SG Cl	lean-up)	) Hist	Laboratory Numb	Custody
Chromatograms with final report  Electronic Data Deliverables (EDDs	Data Package: Standard 🛛 Level III 🗍 Level IV 🗍	Hold FMW-11, MW 5, FMW-12 & MW22 to	Vingi	Mr. 1 philovide	4 Glowlist: RCE, TCE, africus DCE	Comments/Special Instructions							EDB E Semiv (with ) PAHs PCBs Organ Organ Chlori Total f Total f Total f HEM (	PA 80 olatiles w-lev 8270E 8082A ochlori ophosi nated / ACRA I Metals oil and EX	11 (Wate el PAHs /SIM (lo ne Pest bhorus I Acid He Metals grease	rs Only /SIM ) w-level) icides 8 Pesticid rbicides	) 0081B es 8270 8151A	DE/SIM	ber: 08-269	Page_1 of



August 31, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-281

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 26, 2021.

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: August 31, 2021 Samples Submitted: August 26, 2021 Laboratory Reference: 2108-281 Project: 691-023

#### **Case Narrative**

Samples were collected on August 26, 2021 and received by the laboratory on August 26, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



OnSite Environmental, Inc. 14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 (425) 883-3881

# GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Water Units: ug/L (ppb)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-9-20210826					
Laboratory ID:	08-281-03					
Gasoline	ND	100	NWTPH-Gx	8-30-21	8-30-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	99	66-117				



#### GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Water Units: ug/L (ppb)

							Date	Date	)	
Analyte		Result		PQL	Me	ethod	Prepared	Analyz	ed	Flags
METHOD BLANK										
Laboratory ID:		MB0830W1								
Gasoline		ND		100	NW	ГРН-Gx	8-30-21	8-30-2	21	
Surrogate:	Pe	rcent Recover	у Сог	ntrol Limi	its					
Fluorobenzene		106	-	66-117						
					Source	Percent	Recovery		RPD	
Analyte	Res	sult	Spike	e Level	Result	Recovery	Limits	RPD	Limit	Flags
DUPLICATE										
Laboratory ID:	08-25	57-08								
	ORIG	DUP								
Gasoline	ND	ND	NA	NA		NA	NA	NA	30	
Surrogate:										
Fluorobenzene						106 102	2 66-117			



# DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Water Units: mg/L (ppm)

0 (11 /				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-9-20210826					
Laboratory ID:	08-281-03					
Diesel Range Organics	1.3	0.21	NWTPH-Dx	8-27-21	8-30-21	
Lube Oil Range Organics	1.2	0.21	NWTPH-Dx	8-27-21	8-30-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	99	50-150				



#### DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Water Units: mg/L (ppm)

2 /				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0827W1					
Diesel Range Organics	ND	0.20	NWTPH-Dx	8-27-21	8-30-21	
Lube Oil Range Organics	ND	0.20	NWTPH-Dx	8-27-21	8-30-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	94	50-150				

	_			_	Source	Perc	ent	Recovery		RPD	
Analyte	Re	sult	Spike	Level	Result	Reco	very	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	SB08	27W1									
	ORIG	DUP									
Diesel Fuel #2	0.366	0.348	NA	NA		N	A	NA	5	NA	
Surrogate: o-Terphenyl						108	105	50-150			



## **VOLATILE ORGANICS EPA 8260D**

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	MW-7-20210826					
Laboratory ID:	08-281-01					
Vinyl Chloride	ND	2.0	EPA 8260D	8-27-21	8-27-21	
(trans) 1,2-Dichloroethene	ND	2.0	EPA 8260D	8-27-21	8-27-21	
(cis) 1,2-Dichloroethene	ND	2.0	EPA 8260D	8-27-21	8-27-21	
Trichloroethene	ND	2.0	EPA 8260D	8-27-21	8-27-21	
Tetrachloroethene	250	2.0	EPA 8260D	8-27-21	8-27-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	75-127				
Toluene-d8	99	80-127				
4-Bromofluorobenzene	97	78-125				

Client ID:	MW-3-20210826					
Laboratory ID:	08-281-02					
Vinyl Chloride	ND	0.20	EPA 8260D	8-27-21	8-27-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-27-21	8-27-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-27-21	8-27-21	
Trichloroethene	ND	0.20	EPA 8260D	8-27-21	8-27-21	
Tetrachloroethene	25	0.20	EPA 8260D	8-27-21	8-27-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	75-127				
Toluene-d8	100	80-127				
4-Bromofluorobenzene	96	78-125				

Client ID:	FMW-9-20210826					
Laboratory ID:	08-281-03					
Vinyl Chloride	ND	0.20	EPA 8260D	8-27-21	8-27-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-27-21	8-27-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-27-21	8-27-21	
Benzene	ND	0.20	EPA 8260D	8-27-21	8-27-21	
Trichloroethene	ND	0.20	EPA 8260D	8-27-21	8-27-21	
Toluene	ND	1.0	EPA 8260D	8-27-21	8-27-21	
Tetrachloroethene	ND	0.20	EPA 8260D	8-27-21	8-27-21	
Ethylbenzene	ND	0.20	EPA 8260D	8-27-21	8-27-21	
m,p-Xylene	ND	0.40	EPA 8260D	8-27-21	8-27-21	
o-Xylene	ND	0.20	EPA 8260D	8-27-21	8-27-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	99	75-127				
Toluene-d8	99	80-127				
4-Bromofluorobenzene	97	78-125				

Mr

OnSite Environmental, Inc. 14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 (425) 883-3881

7

# **VOLATILE ORGANICS EPA 8260D**

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	MW-4-20210826					
Laboratory ID:	08-281-04					
Vinyl Chloride	ND	4.0	EPA 8260D	8-27-21	8-27-21	
(trans) 1,2-Dichloroethene	ND	4.0	EPA 8260D	8-27-21	8-27-21	
(cis) 1,2-Dichloroethene	ND	4.0	EPA 8260D	8-27-21	8-27-21	
Trichloroethene	ND	4.0	EPA 8260D	8-27-21	8-27-21	
Tetrachloroethene	540	4.0	EPA 8260D	8-27-21	8-27-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	101	75-127				
Toluene-d8	100	80-127				
4-Bromofluorobenzene	95	78-125				



8

# VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Water Units: ug/L

0				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0827W1					
Vinyl Chloride	ND	0.20	EPA 8260D	8-27-21	8-27-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-27-21	8-27-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-27-21	8-27-21	
Benzene	ND	0.20	EPA 8260D	8-27-21	8-27-21	
Trichloroethene	ND	0.20	EPA 8260D	8-27-21	8-27-21	
Toluene	ND	1.0	EPA 8260D	8-27-21	8-27-21	
Tetrachloroethene	ND	0.20	EPA 8260D	8-27-21	8-27-21	
Ethylbenzene	ND	0.20	EPA 8260D	8-27-21	8-27-21	
m,p-Xylene	ND	0.40	EPA 8260D	8-27-21	8-27-21	
o-Xylene	ND	0.20	EPA 8260D	8-27-21	8-27-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	99	75-127				
Toluene-d8	99	80-127				
4-Bromofluorobenzene	96	78-125				

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Rec	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB082	27W1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	10.0	9.97	10.0	10.0	100	100	78-124	0	19	
Benzene	10.1	10.1	10.0	10.0	101	101	80-119	0	16	
Trichloroethene	10.6	10.5	10.0	10.0	106	105	80-121	1	18	
Toluene	10.3	10.4	10.0	10.0	103	104	80-117	1	18	
Chlorobenzene	9.82	9.83	10.0	10.0	98	98	80-117	0	17	
Surrogate:										
Dibromofluoromethane					97	99	75-127			
Toluene-d8					99	99	80-127			
4-Bromofluorobenzene					100	101	78-125			





#### **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.

Ζ-

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



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

Reviewed/Date	Received	Relinquished	Received	Relinquished	Received Mailler	Relinquished Converts Converting	Signature			4		4 MW-4-20210826	3 FMW-9-20210 226	2. MW-3-20210826	1 MW-7-20210826	Lab ID Sample Identification	C: van Stolk + G, Peters	Project Manager: Logan Schumachen	Main Street Place	b91-023	Company: Favallon	Analytical Ladoratory lesting Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	OnSite Environmental Inc.
Reviewed/Date					350 056	Favallon	Company	 /	× /			A 1136 A A	×	1120	8/26 0925 GW 7	Date Time Sampled Sampled Matrix	(other)	Contain	Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(in working days)	Chain of (
					300/14 1305	8126121 1305	Date Time					×	×××	×	×	NWTF NWTF NWTF NWTF Volatil Halog EDB E	PH-HCI PH-Gx/P PH-Gx . PH-Dx ( es 826 enated S P PA 80	D BTEX + B T [ Acid OD Volatile: LOR 1 11 (Wate	S 8260D	Sabc	a	Laboratory Number	Sustody
Chromatograms with final report   Electronic Data Deliverables (EDDs)	Data Package: Standard  Level III  Level IV				trans DCE, viny chloride	Short list HVOCS = TCE, PCE, cist	Comments/Special Instructions									Semiv (with I PAHs PCBs Organ Organ Chlori Total I Total I TCLP HEM ( Semiv Chlori	volatiles ow-lev 8270E. 8082A oochlori ophosy nated / ACRA N Metals voll and	s 8270E. el PAHsj /SIM (lov ne Pest ohorus F Acid Her Metals grease)	/SIM w-level) icides 8 Pesticides bicides	081B es 8270 8151A	E/SIM	. 08 - 28 1	Page of



August 31, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2108-304

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on August 27, 2021.

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: August 31, 2021 Samples Submitted: August 27, 2021 Laboratory Reference: 2108-304 Project: 691-023

#### **Case Narrative**

Samples were collected on August 27, 2021 and received by the laboratory on August 27, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



2

# **VOLATILE ORGANICS EPA 8260D**

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-15-20210827					
Laboratory ID:	08-304-01					
Vinyl Chloride	ND	0.20	EPA 8260D	8-30-21	8-30-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-30-21	8-30-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-30-21	8-30-21	
Trichloroethene	ND	0.20	EPA 8260D	8-30-21	8-30-21	
Tetrachloroethene	ND	0.20	EPA 8260D	8-30-21	8-30-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	75-127				
Toluene-d8	100	80-127				
4-Bromofluorobenzene	95	78-125				

Client ID:	FMW-16-20210827					
Laboratory ID:	08-304-02					
Vinyl Chloride	ND	0.20	EPA 8260D	8-30-21	8-30-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-30-21	8-30-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-30-21	8-30-21	
Trichloroethene	ND	0.20	EPA 8260D	8-30-21	8-30-21	
Tetrachloroethene	ND	0.20	EPA 8260D	8-30-21	8-30-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	104	75-127				
Toluene-d8	100	80-127				
4-Bromofluorobenzene	96	78-125				



# VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0830W1					
Vinyl Chloride	ND	0.20	EPA 8260D	8-30-21	8-30-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-30-21	8-30-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	8-30-21	8-30-21	
Trichloroethene	ND	0.20	EPA 8260D	8-30-21	8-30-21	
Tetrachloroethene	ND	0.20	EPA 8260D	8-30-21	8-30-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	75-127				
Toluene-d8	100	80-127				
4-Bromofluorobenzene	95	78-125				

					Per	rcent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Rec	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB08	30W1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	10.2	10.2	10.0	10.0	102	102	78-124	0	19	
Benzene	10.3	10.3	10.0	10.0	103	103	80-119	0	16	
Trichloroethene	10.7	10.7	10.0	10.0	107	107	80-121	0	18	
Toluene	10.5	10.4	10.0	10.0	105	104	80-117	1	18	
Chlorobenzene	9.94	10.1	10.0	10.0	99	101	80-117	2	17	
Surrogate:										
Dibromofluoromethane					99	98	75-127			
Toluene-d8					99	100	80-127			
4-Bromofluorobenzene					100	102	78-125			



4



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

Ζ-

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



OnSite Environmental, Inc. 14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 (425) 883-3881

Reviewed//Date	Received	Relinquished	Received	Relinquished	Received	Relinquished	Signature				2 imm-16- 202108272/03	1 FMW-15-20210827×105	Lab ID Sample Identification	Shee fetus	Friger Warager. by an Schwinder	Project Marine: Mar St Place	HUJELI MUITUEI. 19/-023	Company: Jourellon	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Environmental Inc.
Reviewed/Date					0	Faroul	Company		6		3/57/201 1327 Ubder	Rygin 1030 Weder	Date Time Sampled Sampled Matrix	(other)	]	X Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	Turnaround Request (in working days)	Chain o
					5 8/27/2 15	8/27/24 15:	Date Time	_			7		Numl           NWTF           NWTF           NWTF           NWTF           NWTF           Volati	PH-HCI PH-GX/I PH-GX PH-DX ( les 826	D BTEX	ers / SG Cl	ean-up)	)	Laboratory Nun	f Custody
Chromatograms with final report 🗌 Electronic Data Deliverable	Data Package: Standard Devel III Level IV		Hold LTPH Anhyses.		38 Vind Aleride.	38 Anorthist & PCE, TCE, Confronts 1,2-D	Comments/Special Instructions						Halog EDB I Semiv (with) PAHs PCBs Organ Organ Chlori Total I Total I Total I Total I	enated EPA 80 volatiles low-levi 8270E, 8082A nochlori nophosp nated A RCRA N MTCA N Metals (oil and	Volatile 11 (Wate 8270E el PAHs /SIM (lo /SIM (lo /SIM (lo /Acid Hen /Acid H	s 8260E ers Only /SIM ) w-level) icides 8 Pesticide rbicides	081B 95 8270 8151A	E/SIM	mber: 08 - 3 0 4	Page 1 of 1



September 7, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2109-030

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on September 2, 2021.

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: September 7, 2021 Samples Submitted: September 2, 2021 Laboratory Reference: 2109-030 Project: 691-023

### **Case Narrative**

Samples were collected on September 2, 2021 and received by the laboratory on September 2, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



### **VOLATILE ORGANICS EPA 8260D**

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	MW-4-20210902					
Laboratory ID:	09-030-01					
Vinyl Chloride	ND	4.0	EPA 8260D	9-3-21	9-3-21	
(trans) 1,2-Dichloroethene	ND	4.0	EPA 8260D	9-3-21	9-3-21	
(cis) 1,2-Dichloroethene	ND	4.0	EPA 8260D	9-3-21	9-3-21	
Trichloroethene	ND	4.0	EPA 8260D	9-3-21	9-3-21	
Tetrachloroethene	940	4.0	EPA 8260D	9-3-21	9-3-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	75-127				
Toluene-d8	99	80-127				
4-Bromofluorobenzene	97	78-125				

Client ID:	FMW-11-20210902					
Laboratory ID:	09-030-02					
Vinyl Chloride	ND	0.20	EPA 8260D	9-3-21	9-3-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-3-21	9-3-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-3-21	9-3-21	
Trichloroethene	ND	0.20	EPA 8260D	9-3-21	9-3-21	
Tetrachloroethene	2.0	0.20	EPA 8260D	9-3-21	9-3-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	75-127				
Toluene-d8	98	80-127				
4-Bromofluorobenzene	97	78-125				

3

# VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Water Units: ug/L

				Bato	Dutt	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0903W1					
Vinyl Chloride	ND	0.20	EPA 8260D	9-3-21	9-3-21	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-3-21	9-3-21	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	9-3-21	9-3-21	
Trichloroethene	ND	0.20	EPA 8260D	9-3-21	9-3-21	
Tetrachloroethene	ND	0.20	EPA 8260D	9-3-21	9-3-21	
Surrogate: P	Percent Recovery	Control Limits				
Dibromofluoromethane	99	75-127				
Toluene-d8	99	80-127				
4-Bromofluorobenzene	99	78-125				

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Rec	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB090	03W1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	10.2	10.1	10.0	10.0	102	101	78-124	1	19	
Benzene	10.6	10.6	10.0	10.0	106	106	80-119	0	16	
Trichloroethene	10.9	10.9	10.0	10.0	109	109	80-121	0	18	
Toluene	10.7	10.7	10.0	10.0	107	107	80-117	0	18	
Chlorobenzene	9.76	10.1	10.0	10.0	98	101	80-117	3	17	
Surrogate:										
Dibromofluoromethane					101	100	75-127			
Toluene-d8					102	101	80-127			
4-Bromofluorobenzene					102	104	78-125			





# **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.
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- 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.

Ζ-

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



OnSite Environmental, Inc. 14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 (425) 883-3881

Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished							2 FMW-11	1 MW-4-	Lab ID	C. Van	L. Schur Sampled by:	Project Manager:	Project Name:	Project Number:	14648 Ni Phone: (4	Analytical	Envi
				J	MARIN	Constructory Vort	Signature			5	/		-20210902	20210902	Sample Identification	Stolk	racher	rect Place		2	E 95th Street • Redmond, WA 98052 125) 883-3881 • www.onsite-env.com	Laboratory Testing Services	ite ronmental Inc
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September 24, 2021

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2109-151

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on September 16, 2021.

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: September 24, 2021 Samples Submitted: September 16, 2021 Laboratory Reference: 2109-151 Project: 691-023

#### **Case Narrative**

Samples were collected on September 16, 2021 and received by the laboratory on September 16, 2021. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



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# GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Water Units: ug/L (ppb)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	MW-1-091621					
Laboratory ID:	09-151-01					
Gasoline	ND	100	NWTPH-Gx	9-17-21	9-17-21	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	91	66-117				



#### GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Water Units: ug/L (ppb)

						Date	Date	)	
Analyte		Result	PQL	M	ethod	Prepared	Analyz	ed	Flags
METHOD BLANK									
Laboratory ID:		MB0917W1							
Gasoline		ND	100	NW	TPH-Gx	9-17-21	9-17-2	21	
Surrogate:	Pe	rcent Recover	y Control Li	mits					
Fluorobenzene		96	66-117	7					
				Source	Percent	Recovery		RPD	
Analyte	Re	sult	Spike Leve	l Result	Recovery	Limits	RPD	Limit	Flags
DUPLICATE									
Laboratory ID:	09-1	51-01							
	ORIG	DUP							
Gasoline	ND	ND	NA NA		NA	NA	NA	30	
Surrogate:									
Fluorobenzene					91 98	66-117			



# DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Water Units: mg/L (ppm)

0 (11 )				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	MW-1-091621					
Laboratory ID:	09-151-01					
Diesel Range Organics	ND	0.21	NWTPH-Dx	9-21-21	9-21-21	
Lube Oil Range Organics	ND	0.21	NWTPH-Dx	9-21-21	9-21-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	83	50-150				



Date of Report: September 24, 2021 Samples Submitted: September 16, 2021 Laboratory Reference: 2109-151 Project: 691-023

#### DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Water Units: mg/L (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0921W1					
Diesel Range Organics	ND	0.20	NWTPH-Dx	9-21-21	9-21-21	
Lube Oil Range Organics	ND	0.20	NWTPH-Dx	9-21-21	9-21-21	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	97	50-150				

					Source	Perce	nt	Recovery		RPD	
Analyte	Re	sult	Spike	Level	Result	Recov	ery	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	09-20	01-01									
	ORIG	DUP									
Diesel Range	ND	ND	NA	NA		NA		NA	NA	NA	
Lube Oil Range Organics	0.410	0.283	NA	NA		NA		NA	37	NA	
Surrogate:											
o-Terphenyl						102	97	50-150			



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6

## **VOLATILE ORGANICS EPA 8260D**

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	MW-1-091621					
Laboratory ID:	09-151-01					
Benzene	ND	0.20	EPA 8260D	9-17-21	9-17-21	
Toluene	ND	1.0	EPA 8260D	9-17-21	9-17-21	
Ethylbenzene	ND	0.20	EPA 8260D	9-17-21	9-17-21	
m,p-Xylene	ND	0.40	EPA 8260D	9-17-21	9-17-21	
o-Xylene	ND	0.20	EPA 8260D	9-17-21	9-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	103	75-127				
Toluene-d8	99	80-127				
4-Bromofluorobenzene	96	78-125				



## VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0917W1					
Benzene	ND	0.20	EPA 8260D	9-17-21	9-17-21	
Toluene	ND	1.0	EPA 8260D	9-17-21	9-17-21	
Ethylbenzene	ND	0.20	EPA 8260D	9-17-21	9-17-21	
m,p-Xylene	ND	0.40	EPA 8260D	9-17-21	9-17-21	
o-Xylene	ND	0.20	EPA 8260D	9-17-21	9-17-21	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	98	75-127				
Toluene-d8	97	80-127				
4-Bromofluorobenzene	96	78-125				

					Source	Pe	rcent	Recovery		RPD	
Analyte	Result		Spike Level		Result	Rec	overy	Limits	RPD	Limit	Flags
MATRIX SPIKES											
Laboratory ID:	09-1 <i>°</i>	19-05									
	MS	MSD	MS	MSD		MS	MSD				
1,1-Dichloroethene	9.14	8.99	10.0	10.0	ND	91	90	68-122	2	15	
Benzene	9.08	8.78	10.0	10.0	ND	91	88	70-121	3	16	
Trichloroethene	9.89	9.70	10.0	10.0	ND	99	97	77-124	2	17	
Toluene	9.48	9.18	10.0	10.0	ND	95	92	72-120	3	19	
Chlorobenzene	10.0	9.61	10.0	10.0	ND	100	96	78-120	4	16	
Surrogate:											
Dibromofluoromethane						98	95	75-127			
Toluene-d8						97	97	80-127			
4-Bromofluorobenzene						102	102	78-125			





#### **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.

Ζ-

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



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February 25, 2022

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2202-263

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on February 18, 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 25, 2022 Samples Submitted: February 18, 2022 Laboratory Reference: 2202-263 Project: 691-023

### **Case Narrative**

Samples were collected on February 17 and 18, 2022 and received by the laboratory on February 18, 2022. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-22-5.0					
Laboratory ID:	02-263-01					
Vinyl Chloride	ND	0.0011	EPA 8260D	2-22-22	2-22-22	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	2-22-22	2-22-22	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	2-22-22	2-22-22	
Trichloroethene	ND	0.0011	EPA 8260D	2-22-22	2-22-22	
Tetrachloroethene	ND	0.0011	EPA 8260D	2-22-22	2-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	117	74-131				
Toluene-d8	111	78-128				
4-Bromofluorobenzene	115	71-130				

Client ID:	FB-22-10.0					
Laboratory ID:	02-263-02					
Vinyl Chloride	ND	0.0010	EPA 8260D	2-22-22	2-22-22	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	2-22-22	2-22-22	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	2-22-22	2-22-22	
Trichloroethene	ND	0.0010	EPA 8260D	2-22-22	2-22-22	
Tetrachloroethene	ND	0.0010	EPA 8260D	2-22-22	2-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	121	74-131				
Toluene-d8	108	78-128				
4-Bromofluorobenzene	110	71-130				

Client ID:	FB-22-15.0					
Laboratory ID:	02-263-03					
Vinyl Chloride	ND	0.0011	EPA 8260D	2-22-22	2-22-22	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	2-22-22	2-22-22	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260D	2-22-22	2-22-22	
Trichloroethene	ND	0.0011	EPA 8260D	2-22-22	2-22-22	
Tetrachloroethene	ND	0.0011	EPA 8260D	2-22-22	2-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	119	74-131				
Toluene-d8	113	78-128				
4-Bromofluorobenzene	112	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-22-20.0					
Laboratory ID:	02-263-04					
Vinyl Chloride	ND	0.0010	EPA 8260D	2-22-22	2-22-22	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	2-22-22	2-22-22	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	2-22-22	2-22-22	
Trichloroethene	ND	0.0010	EPA 8260D	2-22-22	2-22-22	
Tetrachloroethene	ND	0.0010	EPA 8260D	2-22-22	2-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	116	74-131				
Toluene-d8	115	78-128				
4-Bromofluorobenzene	112	71-130				

Client ID:	FB-19-5.0					
Laboratory ID:	02-263-05					
Vinyl Chloride	ND	0.0012	EPA 8260D	2-22-22	2-22-22	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	2-22-22	2-22-22	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	2-22-22	2-22-22	
Trichloroethene	ND	0.0012	EPA 8260D	2-22-22	2-22-22	
Tetrachloroethene	ND	0.0012	EPA 8260D	2-22-22	2-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	123	74-131				
Toluene-d8	110	78-128				
4-Bromofluorobenzene	111	71-130				

Client ID:	FB-19-10.0					
Laboratory ID:	02-263-06					
Vinyl Chloride	ND	0.0013	EPA 8260D	2-22-22	2-22-22	
(trans) 1,2-Dichloroethene	ND	0.0013	EPA 8260D	2-22-22	2-22-22	
(cis) 1,2-Dichloroethene	ND	0.0013	EPA 8260D	2-22-22	2-22-22	
Trichloroethene	ND	0.0013	EPA 8260D	2-22-22	2-22-22	
Tetrachloroethene	ND	0.0013	EPA 8260D	2-22-22	2-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	115	74-131				
Toluene-d8	111	78-128				
4-Bromofluorobenzene	108	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-19-15.0					
Laboratory ID:	02-263-07					
Vinyl Chloride	ND	0.0012	EPA 8260D	2-22-22	2-22-22	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	2-22-22	2-22-22	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	2-22-22	2-22-22	
Trichloroethene	ND	0.0012	EPA 8260D	2-22-22	2-22-22	
Tetrachloroethene	ND	0.0012	EPA 8260D	2-22-22	2-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	108	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	106	71-130				

Client ID:	FB-19-20.0					
Laboratory ID:	02-263-08					
Vinyl Chloride	ND	0.00094	EPA 8260D	2-22-22	2-22-22	
(trans) 1,2-Dichloroethene	ND	0.00094	EPA 8260D	2-22-22	2-22-22	
(cis) 1,2-Dichloroethene	ND	0.00094	EPA 8260D	2-22-22	2-22-22	
Trichloroethene	ND	0.00094	EPA 8260D	2-22-22	2-22-22	
Tetrachloroethene	ND	0.00094	EPA 8260D	2-22-22	2-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	74-131				
Toluene-d8	110	78-128				
4-Bromofluorobenzene	109	71-130				

Client ID:	FB-20-5.0					
Laboratory ID:	02-263-09					
Vinyl Chloride	ND	0.0012	EPA 8260D	2-22-22	2-22-22	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	2-22-22	2-22-22	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	2-22-22	2-22-22	
Trichloroethene	ND	0.0012	EPA 8260D	2-22-22	2-22-22	
Tetrachloroethene	ND	0.0012	EPA 8260D	2-22-22	2-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	107	74-131				
Toluene-d8	111	78-128				
4-Bromofluorobenzene	109	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-20-10.0					
Laboratory ID:	02-263-10					
Vinyl Chloride	ND	0.0012	EPA 8260D	2-22-22	2-22-22	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	2-22-22	2-22-22	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	2-22-22	2-22-22	
Trichloroethene	ND	0.0012	EPA 8260D	2-22-22	2-22-22	
Tetrachloroethene	ND	0.0012	EPA 8260D	2-22-22	2-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	104	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	106	71-130				

Client ID:	FB-20-15.0					
Laboratory ID:	02-263-11					
Vinyl Chloride	ND	0.0010	EPA 8260D	2-22-22	2-22-22	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	2-22-22	2-22-22	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	2-22-22	2-22-22	
Trichloroethene	ND	0.0010	EPA 8260D	2-22-22	2-22-22	
Tetrachloroethene	ND	0.0010	EPA 8260D	2-22-22	2-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	103	74-131				
Toluene-d8	110	78-128				
4-Bromofluorobenzene	108	71-130				

Client ID:	FB-20-20.0					
Laboratory ID:	02-263-12					
Vinyl Chloride	ND	0.0010	EPA 8260D	2-22-22	2-22-22	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	2-22-22	2-22-22	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	2-22-22	2-22-22	
Trichloroethene	ND	0.0010	EPA 8260D	2-22-22	2-22-22	
Tetrachloroethene	ND	0.0010	EPA 8260D	2-22-22	2-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	74-131				
Toluene-d8	110	78-128				
4-Bromofluorobenzene	110	71-130				



OnSite Environmental, Inc. 14648 NE 95<sup>th</sup> Street, Redmond, WA 98052 (425) 883-3881

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-21-5.0					
Laboratory ID:	02-263-13					
Vinyl Chloride	ND	0.00097	EPA 8260D	2-22-22	2-22-22	
(trans) 1,2-Dichloroethene	ND	0.00097	EPA 8260D	2-22-22	2-22-22	
(cis) 1,2-Dichloroethene	ND	0.00097	EPA 8260D	2-22-22	2-22-22	
Trichloroethene	ND	0.00097	EPA 8260D	2-22-22	2-22-22	
Tetrachloroethene	0.00098	0.00097	EPA 8260D	2-22-22	2-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	74-131				
Toluene-d8	110	78-128				
4-Bromofluorobenzene	106	71-130				

Client ID:	FB-21-10.0					
Laboratory ID:	02-263-14					
Vinyl Chloride	ND	0.00096	EPA 8260D	2-22-22	2-22-22	
(trans) 1,2-Dichloroethene	ND	0.00096	EPA 8260D	2-22-22	2-22-22	
(cis) 1,2-Dichloroethene	ND	0.00096	EPA 8260D	2-22-22	2-22-22	
Trichloroethene	ND	0.00096	EPA 8260D	2-22-22	2-22-22	
Tetrachloroethene	ND	0.00096	EPA 8260D	2-22-22	2-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	107	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	107	71-130				

Client ID:	FB-21-15.0					
Laboratory ID:	02-263-15					
Vinyl Chloride	ND	0.0012	EPA 8260D	2-22-22	2-23-22	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	2-22-22	2-23-22	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260D	2-22-22	2-23-22	
Trichloroethene	ND	0.0012	EPA 8260D	2-22-22	2-23-22	
Tetrachloroethene	0.0019	0.0012	EPA 8260D	2-22-22	2-23-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	107	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-21-20.0					
Laboratory ID:	02-263-16					
Vinyl Chloride	ND	0.0010	EPA 8260D	2-22-22	2-23-22	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	2-22-22	2-23-22	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	2-22-22	2-23-22	
Trichloroethene	ND	0.0010	EPA 8260D	2-22-22	2-23-22	
Tetrachloroethene	ND	0.0010	EPA 8260D	2-22-22	2-23-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	103	74-131				
Toluene-d8	103	78-128				
4-Bromofluorobenzene	109	71-130				



# VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0222S1					
Vinyl Chloride	ND	0.0010	EPA 8260D	2-22-22	2-22-22	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	2-22-22	2-22-22	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260D	2-22-22	2-22-22	
Trichloroethene	ND	0.0010	EPA 8260D	2-22-22	2-22-22	
Tetrachloroethene	ND	0.0010	EPA 8260D	2-22-22	2-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	118	74-131				
Toluene-d8	109	78-128				
4-Bromofluorobenzene	114	71-130				

	Result				Per	Percent		RPD			
Analyte			Spike Level		Rec	overy	Limits	RPD	Limit	Flags	
SPIKE BLANKS											
Laboratory ID:	SB02	22S1									
	SB	SBD	SB	SBD	SB	SBD					
1,1-Dichloroethene	0.0432	0.0457	0.0500	0.0500	86	91	71-131	6	19		
Benzene	0.0460	0.0464	0.0500	0.0500	92	93	73-124	1	18		
Trichloroethene	0.0457	0.0465	0.0500	0.0500	91	93	79-130	2	18		
Toluene	0.0445	0.0449	0.0500	0.0500	89	90	76-123	1	18		
Chlorobenzene	0.0460	0.0474	0.0500	0.0500	92	95	78-122	3	18		
Surrogate:											
Dibromofluoromethane					117	113	74-131				
Toluene-d8					106	106	78-128				
4-Bromofluorobenzene					116	116	71-130				



Date of Report: February 25, 2022 Samples Submitted: February 18, 2022 Laboratory Reference: 2202-263 Project: 691-023

# % MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FB-22-5.0	02-263-01	9	2-23-22
FB-22-10.0	02-263-02	8	2-23-22
FB-22-15.0	02-263-03	9	2-23-22
FB-22-20.0	02-263-04	11	2-23-22
FB-19-5.0	02-263-05	9	2-23-22
FB-19-10.0	02-263-06	9	2-23-22
FB-19-15.0	02-263-07	8	2-23-22
FB-19-20.0	02-263-08	8	2-23-22
FB-20-5.0	02-263-09	13	2-23-22
FB-20-10.0	02-263-10	9	2-23-22
FB-20-15.0	02-263-11	11	2-23-22
FB-20-20.0	02-263-12	16	2-23-22
FB-21-5.0	02-263-13	10	2-23-22
FB-21-10.0	02-263-14	10	2-23-22
FB-21-15.0	02-263-15	13	2-23-22
FB-21-20.0	02-263-16	9	2-23-22



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# **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.

Ζ-

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



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Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished Constrang Vorsta	Signature	10 FB-20-10.0	9 FB-20-5+0	8 FB-19-20.0	7 FB-19-15.0	6 FB-19-10,0	5 FB-19-5.0	4 FB-22-2010	3 FB-22-15.0	2 FB-22-10,0	1 FB-22-5.0	Lab ID Sample Identification	c. van stolk	Logan Schumacher	Main Street Place	691-023	Company: Favallon	Analytical Laboratory Testing Services 14648 NE 95th Street * Redmond, WA 98052 Phone: (425) 883-3881 * www.onsite-env.com	Environmental Inc.
Reviewed/Date					0317	dr Farallon	Company	à 0160 "	2-18-22 0900	5541 A	1456	1446	1425	1220	1210	1155	2-17-22 1145 501	Date Time Sampled Sampled Matrix	(other)		M Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(in working days)	Chain o
					5/18/22 1415	2-18-22 1415	Date Time	X X	×	×	×	X	×	×	×	×	5	NUMP NWTP NWTP NWTP Volatik Haloge	er of ( H-HCI H-Gx/I H-Gx H-Dx ( es 8260 enated PA 801	Contain D BTEX (8 Acid / S D Volatile	ers 021 ] 8: GG Clear s 8260	260 []) h-up [])		Laboratory Number	f Custody
Chromatograms with final report 🗌 Electronic Data Deliverables (EDDs) 🗌	Data Package: Standard 🗌 Level III 🗌 Level IV 🗌				DCE, vingi chloride.	* short list = PCE, TCE, cis & trans	Comments/Special Instructions											Semiv. (with k PAHs t PCBs Organi Organi Chlorir Total R Total N TCLP I HEM (c	olatiles ow-leve 3270/S 8082 ochlori ophosp nated A Metals oil and	8270/S al PAHs IM (low ne Pest shorus f Acid Hen Acid Hen Acid Hen Acid Hen Acid Hen Acid Hen	Ins Only, IM -level) -level -level) -level -level) -level -	081 es 8270 8151	/SIM	r: 02-263	Page 1 of 2

Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished Constants	Signature	ł		16 FB-21-20.0	15 FB-21-15.0	14 FB-21- 10:0	13 FB-21-5,0	12 FB-20-20,0	11 FB-20-15:0	Lab ID Sample Identification	C. van stalk	Logon Schumacher	Main Street Place	b91-02.5	Project Number:	Phone: (425) 883-3881 • www.onsite-env.com Company:	Analytical Laboratory Testing Services 14648 NE 95th Street + Redmond, WA 98052	Environmental Inc.
Reviewed/Date					OSE	Favallan	Company	X		A 4 0411 A	1130	1120	Soll	1 0935	2-18-22 0920 Soil S	Date Time Sampled Sampled Matrix	(other)		Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(Check One)	Turnaround Request (in working days)	Chain of
					2/18/22 1415	2-18-22 1415	Date Time		/	×	×		×		×	NWTF NWTF NWTF NWTF Volatil Halog	PH-HCI PH-Gx/P PH-Gx PH-Dx ( es 826 enated PA 80 <sup>-</sup>	D BTEX (& (Acid / S 0 Volatile	3021 E 6G Clea s 8260 ers Only	3260 [] in-up [ <b>)</b>	) ])		Laboratory Number	Custody
Chromatograms with final report   Electronic Data Deliverables	Data Package: Standard 🛛 Level III 🗍 Level IV 🗌				DCE, viny chloride.	A short list = TCE, PCE, cis + -	Comments/Special Instructions									Semiv (with I PAHs PCBs Organ Organ Organ Chlorii Total F Total F Total N TCLP	olatiles ow-leve 8270/S 8082 ochlori ophosp nated A 3CRA N //TCA N //TCA N //TCA N	s 8270/S el PAHs SIM (low ine Pest bhorus I Acid He Metals grease)	SIM ) -level) icides 8 Pesticides rbicides	3081 les 827	0/SIM		r: 02 - 2 63	Page 2 of
; (EDDs)						trans				-					0	% Moi	sture	_						/



March 23, 2022

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2203-207

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on March 17, 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: March 23, 2022 Samples Submitted: March 17, 2022 Laboratory Reference: 2203-207 Project: 691-023

### **Case Narrative**

Samples were collected on March 16 and 17, 2022 and received by the laboratory on March 17, 2022. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



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Matrix: Soil Units: mg/kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-18-5.0					
Laboratory ID:	03-207-01					
Gasoline	ND	4.6	NWTPH-Gx	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	82	66-129				
Client ID:	FB-18-10.0					
Laboratory ID:	03-207-02					
Gasoline	ND	5.2	NWTPH-Gx	3-21-22	3-21-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	83	66-129				
Client ID:	FB-18-15.0					
Laboratory ID:	03-207-03					
Gasoline	ND	4.4	NWTPH-Gx	3-21-22	3-21-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	81	66-129				
Client ID:	FB-18-20.0					
Laboratory ID:	03-207-04					
Gasoline	ND	5.3	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	82	66-129				
Client ID:	FB-18-25.0					
Laboratory ID:	03-207-05					
Gasoline	ND	4.8	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	82	66-129				
Client ID:	FB-18-30.0					
Laboratory ID:	03-207-06					
Gasoline	ND	4.9	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	83	66-129				
Client ID:	FB-18-35.0					
Laboratory ID:	03-207-07					
Gasoline	ND	5.2	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	84	66-129				



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Matrix: Soil Units: mg/kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-18-40.0					
Laboratory ID:	03-207-08					
Gasoline	ND	4.6	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	83	66-129				
Client ID:	FB-18-45.0					
Laboratory ID:	03-207-09					
Gasoline	ND	4.0	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	83	66-129				
Client ID:	FB-18-50.0					
Laboratory ID:	03-207-10					
Gasoline	ND	5.2	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	82	66-129				
Client ID:	FB-18-55.0					
Laboratory ID:	03-207-11					
Gasoline	ND	4.8	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	76	66-129				
Client ID:	FB-18-60.0					
Laboratory ID:	03-207-12					
Gasoline	ND	4.4	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	82	66-129				
Client ID:	FB-17-5.0					
Laboratory ID:	03-207-13					
Gasoline	ND	3.9	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	80	66-129				
Client ID:	FB-17-10.0					
Laboratory ID:	03-207-14					
Gasoline	ND	4.7	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	78	66-129				



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4

Matrix: Soil Units: mg/kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-17-15.0					
Laboratory ID:	03-207-15					
Gasoline	ND	4.3	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	80	66-129				
Client ID:	FB-17-20.0					
Laboratory ID:	03-207-16					
Gasoline	ND	4.2	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	79	66-129				
Client ID:	FB-17-25.0					
Laboratory ID:	03-207-17					
Gasoline	ND	5.3	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	80	66-129				
Client ID:	FB-17-30.0					
Laboratory ID:	03-207-18					
Gasoline	ND	5.0	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	81	66-129				
Client ID:	FB-17-35.0					
Laboratory ID:	03-207-19					
Gasoline	ND	5.3	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	83	66-129				
Client ID:	FB-17-40.0					
Laboratory ID:	03-207-20					
Gasoline	ND	6.1	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	83	66-129				
Client ID:	FB-17-45.0					
Laboratory ID:	03-207-21					
Gasoline	ND	4.4	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	86	66-129				



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Matrix: Soil Units: mg/kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-17-50.0					
Laboratory ID:	03-207-22					
Gasoline	ND	5.8	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	84	66-129				
Client ID:	FB-17-55.0					
Laboratory ID:	03-207-23					
Gasoline	ND	3.7	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	86	66-129				
Client ID:	FB-17-60.0					
Laboratory ID:	03-207-24					
Gasoline	ND	5.1	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	82	66-129				
Client ID:	FB-17-70.0					
Laboratory ID:	03-207-25					
Gasoline	ND	5.3	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	82	66-129				
Client ID:	FB-17-80.0					
Laboratory ID:	03-207-26					
Gasoline	ND	4.6	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	82	66-129				
Client ID:	FB-17-90.0					
Laboratory ID:	03-207-27					
Gasoline	ND	5.2	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	82	66-129				
Client ID:	FB-17-100.0					
Laboratory ID:	03-207-28					
Gasoline	ND	5.8	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	82	66-129				



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Matrix: Soil Units: mg/kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-17-110.0					
Laboratory ID:	03-207-29					
Gasoline	ND	5.9	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	76	66-129				
Client ID:	FB-17-120.0					
Laboratory ID:	03-207-30					
Gasoline	ND	6.2	NWTPH-Gx	3-21-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	77	66-129				



### GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Soil Units: mg/kg (ppm)

0 0 0 1 /				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0321S2					
Gasoline	ND	5.0	NWTPH-Gx	3-21-22	3-21-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	85	66-129				
Laboratory ID:	MB0321S3					
Gasoline	ND	5.0	NWTPH-Gx	3-21-22	3-21-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	89	66-129				
Laboratory ID:	MB0321S4					
Gasoline	ND	5.0	NWTPH-Gx	3-21-22	3-21-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	86	66-129				
Laboratory ID:	MB0322S1					
Gasoline	ND	5.0	NWTPH-Gx	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	84	66-129				



#### GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Soil Units: mg/kg (ppm)

					Source	Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Result	Reco	overy	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	03-20	07-02									
	ORIG	DUP									
Gasoline	ND	ND	NA	NA		N	IA	NA	NA	30	
Surrogate:											
Fluorobenzene						83	85	66-129			
Laboratory ID:	03-20	07-03									
	ORIG	DUP									
Gasoline	ND	ND	NA	NA		Ν	IA	NA	NA	30	
Surrogate:											
Fluorobenzene						81	84	66-129			
Laboratory ID:	03-20	07-04									
	ORIG	DUP									
Gasoline	ND	ND	NA	NA		Ν	IA	NA	NA	30	
Surrogate:											
Fluorobenzene						82	82	66-129			



Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-18-5.0					
Laboratory ID:	03-207-01					
Diesel Range Organics	ND	27	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics	ND	55	NWTPH-Dx	3-22-22	3-22-22	
Surrogate: o-Terphenyl	Percent Recovery 90	Control Limits 50-150				
Client ID:	<b>FB-18-10.0</b> 03-207-02					
Diesel Range Organics		28		3_22_22	3_23_22	
Lube Oil Range Organics	ND	20 55		3-22-22	3-23-22	
Surrogate: o-Terphenyl	Percent Recovery 107	Control Limits 50-150		0 22 22	0 20 22	
Client ID: Laboratory ID:	<b>FB-18-15.0</b> 03-207-03					
Diesel Range Organics	ND	28	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics	ND	56	NWTPH-Dx	3-22-22	3-22-22	
Surrogate: o-Terphenyl	Percent Recovery 118	Control Limits 50-150				
Client ID: Laboratory ID:	<b>FB-18-20.0</b> 03-207-04					
Diesel Range Organics	ND	28	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics	ND	55	NWTPH-Dx	3-22-22	3-22-22	
Surrogate: o-Terphenyl	Percent Recovery 90	Control Limits 50-150				
Client ID: Laboratory ID:	<b>FB-18-25.0</b> 03-207-05					
Diesel Range Organics	ND	28	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics	ND	55	NWTPH-Dx	3-22-22	3-22-22	
Surrogate: o-Terphenyl	Percent Recovery 91	Control Limits 50-150				
Client ID: Laboratory ID:	<b>FB-18-30.0</b> 03-207-06					
Diesel Range Organics	ND	27	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics	ND	54	NWTPH-Dx	3-22-22	3-22-22	
Surrogate: o-Terphenyl	Percent Recovery 89	Control Limits 50-150				



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Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-18-35.0					
Laboratory ID:	03-207-07					
Diesel Range Organics	ND	27	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics	ND	55	NWTPH-Dx	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits			-	
o-Terphenyl	90	50-150				
e reipilenyi		00 /00				
Client ID:	FB-18-40.0					
Laboratory ID:	03-207-08					
Diesel Range Organics	ND	27	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics	ND	53	NWTPH-Dx	3-22-22	3-22-22	
Surrogate:	Percent Recoverv	Control Limits				
o-Terphenvl	97	50-150				
Client ID:	FB-18-45.0					
Laboratory ID:	03-207-09					
Diesel Range Organics	ND	27	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics	ND	54	NWTPH-Dx	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	96	50-150				
Client ID:	FB-18-50.0					
Laboratory ID:	03-207-10					
Diesel Range Organics	ND	27	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics	ND	55	NWTPH-Dx	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	85	50-150				
Client ID:	FB-18-55.0					
Laboratory ID:	03-207-11					
Diesel Range Organics	ND	27	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics	ND	54	NWTPH-Dx	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	116	50-150				
Client ID:	FB-18-60.0					
Laboratory ID:	03-207-12					
Diesel Range Organics	ND	27	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics	ND	54	NWTPH-Dx	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	111	50-150				



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Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-17-5.0					
Laboratory ID:	03-207-13					
Diesel Range Organics	ND	27	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics	ND	55	NWTPH-Dx	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits			-	
o-Terphenvl	107	50-150				
Client ID:	FB-17-10.0					
Laboratory ID.	03-207-14					
Diesel Range Organics		27		3_22_22	3_22_22	
Lube Oil Range Organics		5/		3-22-22	3-22-22	
Surrogate:	Percent Pecovery	Control Limits		5-22-22	<u>0-22-22</u>	
Surroyale.						
o-rerprienyi	104	50-150				
	FD 47 45 0					
	FB-1/-15.U					
Laboratory ID:	03-207-15					
Diesel Range Organics	ND	27	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics		54	NWTPH-DX	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
o-lerphenyl	122	50-150				
Client ID:	FB-17-20.0					
Laboratory ID:	03-207-16					
Diesel Range Organics	ND	27	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics	ND	55	NWTPH-Dx	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	91	50-150				
Client ID:	FB-17-25.0					
Laboratory ID:	03-207-17					
Diesel Range Organics	ND	27	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics	ND	54	NWTPH-Dx	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	111	50-150				
Client ID:	FB-17-30.0					
Laboratory ID:	03-207-18					
Diesel Range Organics	ND	27	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics	ND	<u>_</u> . 53	NWTPH-Dx	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenvl	107	50-150				



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Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-17-35.0					
Laboratory ID:	03-207-19					
Diesel Range Organics	ND	27	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics	ND	53	NWTPH-Dx	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	100	50-150				
Client ID:	FB-17-40.0					
Laboratory ID:	03-207-20					
Diesel Range Organics	ND	27	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics	ND	54	NWTPH-Dx	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	94	50-150				
	FB-17-45.0					
Laboratory ID:	03-207-21	07				
Diesel Range Organics	ND	27	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics		54	NWTPH-DX	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
o-Terpnenyi	118	50-150				
Client ID:	FB-17-50 0					
Laboratory ID:	03-207-22					
Diesel Range Organics	ND	27		3_22_22	3_22_22	
Lube Oil Range Organics	ND	55		3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits	NWITTEDX	0-22-22	0-22-22	
o-Ternhenvl	98	50-150				
e reipilenyi	50	00 100				
Client ID:	FB-17-55.0					
Laboratory ID:	03-207-23					
Diesel Range Organics	ND	27	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics	ND	55	NWTPH-Dx	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	108	50-150				
Client ID:	FB-17-60.0					
Laboratory ID:	03-207-24					
Diesel Range Organics	ND	27	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics	ND	54	NWTPH-Dx	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	119	50-150				



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Matrix: Soil Units: mg/Kg (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-17-70.0					
Laboratory ID:	03-207-25					
Diesel Range Organics	ND	27	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics	ND	53	NWTPH-Dx	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	128	50-150				
Client ID:	FB-17-80.0					
Laboratory ID:	03-207-26					
Diesel Range Organics	ND	26	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics	ND	52	NWTPH-Dx	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	108	50-150				
Client ID:	FB-17-90.0					
Laboratory ID:	03-207-27					
Diesel Range Organics	ND	28	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics	ND	56	NWTPH-Dx	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	90	50-150				
Client ID:	FB-17-100.0					
Laboratory ID:	03-207-28					
Diesel Range Organics	ND	26	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics	ND	53	NWTPH-Dx	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	119	50-150				
Client ID:	FB-17-110.0					
Laboratory ID:	03-207-29					
Diesel Range Organics	ND	27	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics	ND	54	NWTPH-Dx	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	121	50-150				
	FB-1/-120.0					
Laporatory ID:	03-207-30					
Diesel Range Organics	ND	28	NWTPH-Dx	3-22-22	3-22-22	
Lube Oil Range Organics	ND	57	NWTPH-Dx	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
o-Ierphenyl	135	50-150				



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#### DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Soil Units: mg/Kg (ppm)

						Date	Date		
Analyte		Result	PQL	Ме	thod	Prepared	Analyze	d	Flags
METHOD BLANK									
Laboratory ID:		MB0322S1							
Diesel Range Organics		ND	25	NWT	PH-Dx	3-22-22	3-22-22		
Lube Oil Range Organic	s	ND	50	NWT	PH-Dx	3-22-22	3-22-22		
Surrogate:	Per	rcent Recovery	Control Li	mits					
o-Terphenyl		86	50-150	)					
Laboratory ID:		MB0322S2							
Diesel Range Organics		ND	25	NWT	PH-Dx	3-22-22	3-22-22		
Lube Oil Range Organic	s	ND	50	NWT	PH-Dx	3-22-22	3-22-22		
Surrogate:	Per	rcent Recovery	Control Li	mits					
o-Terphenyl		117	50-150	)					
				Source	Percent	Recovery		RPD	
Analyte	Res	sult	Spike Leve	Result	Recovery	Limits	RPD	Limit	Flags
DUPLICATE									
Laboratory ID:	03-20	07-01							
	ORIG	DUP							
Diesel Range	ND	ND	NA NA	۸	NA	NA	NA	NA	
Lube Oil Range	ND	ND	NA NA	٨	NA	NA	NA	NA	
Surrogate:									

90	91	50-150

Laboratory ID:	03-20	07-02							
	ORIG	DUP							
Diesel Range	ND	ND	NA	NA	NA	NA	NA	NA	
Lube Oil Range	ND	ND	NA	NA	NA	NA	NA	NA	
Surrogate:									
o-Terphenyl					107 98	50-150			
Laboratory ID:	03-207-21								
	ORIG	DUP							
Diesel Range	ND	ND	NA	NA	NA	NA	NA	NA	
Lube Oil Range	ND	ND	NA	NA	NA	NA	NA	NA	
Surrogate:									
o-Terphenyl					118 108	50-150			



o-Terphenyl

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-18-5.0					
Laboratory ID:	03-207-01					
Benzene	ND	0.00082	EPA 8260D	3-21-22	3-21-22	
Toluene	ND	0.0041	EPA 8260D	3-21-22	3-21-22	
Ethylbenzene	ND	0.00082	EPA 8260D	3-21-22	3-21-22	
m,p-Xylene	ND	0.0016	EPA 8260D	3-21-22	3-21-22	
o-Xylene	ND	0.00082	EPA 8260D	3-21-22	3-21-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	93	74-131				
Toluene-d8	98	78-128				
4-Bromofluorobenzene	97	71-130				

Client ID:	FB-18-10.0					
Laboratory ID:	03-207-02					
Benzene	ND	0.00085	EPA 8260D	3-21-22	3-21-22	
Toluene	ND	0.0043	EPA 8260D	3-21-22	3-21-22	
Ethylbenzene	ND	0.00085	EPA 8260D	3-21-22	3-21-22	
m,p-Xylene	ND	0.0017	EPA 8260D	3-21-22	3-21-22	
o-Xylene	ND	0.00085	EPA 8260D	3-21-22	3-21-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	99	74-131				
Toluene-d8	102	78-128				
4-Bromofluorobenzene	99	71-130				

Client ID:	FB-18-15.0					
Laboratory ID:	03-207-03					
Benzene	ND	0.00070	EPA 8260D	3-21-22	3-21-22	
Toluene	ND	0.0035	EPA 8260D	3-21-22	3-21-22	
Ethylbenzene	ND	0.00070	EPA 8260D	3-21-22	3-21-22	
m,p-Xylene	ND	0.0014	EPA 8260D	3-21-22	3-21-22	
o-Xylene	ND	0.00070	EPA 8260D	3-21-22	3-21-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	90	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	98	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-18-20.0					
Laboratory ID:	03-207-04					
Benzene	ND	0.00078	EPA 8260D	3-21-22	3-21-22	
Toluene	ND	0.0039	EPA 8260D	3-21-22	3-21-22	
Ethylbenzene	ND	0.00078	EPA 8260D	3-21-22	3-21-22	
m,p-Xylene	ND	0.0016	EPA 8260D	3-21-22	3-21-22	
o-Xylene	ND	0.00078	EPA 8260D	3-21-22	3-21-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	93	74-131				
Toluene-d8	97	78-128				
4-Bromofluorobenzene	95	71-130				

Client ID:	FB-18-25.0					
Laboratory ID:	03-207-05					
Benzene	ND	0.00068	EPA 8260D	3-21-22	3-21-22	
Toluene	ND	0.0034	EPA 8260D	3-21-22	3-21-22	
Ethylbenzene	ND	0.00068	EPA 8260D	3-21-22	3-21-22	
m,p-Xylene	ND	0.0014	EPA 8260D	3-21-22	3-21-22	
o-Xylene	ND	0.00068	EPA 8260D	3-21-22	3-21-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	93	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	97	71-130				

Client ID:	FB-18-30.0					
Laboratory ID:	03-207-06					
Benzene	ND	0.00083	EPA 8260D	3-21-22	3-21-22	
Toluene	ND	0.0042	EPA 8260D	3-21-22	3-21-22	
Ethylbenzene	ND	0.00083	EPA 8260D	3-21-22	3-21-22	
m,p-Xylene	ND	0.0017	EPA 8260D	3-21-22	3-21-22	
o-Xylene	ND	0.00083	EPA 8260D	3-21-22	3-21-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	96	74-131				
Toluene-d8	97	78-128				
4-Bromofluorobenzene	94	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-18-35.0					
Laboratory ID:	03-207-07					
Benzene	ND	0.00080	EPA 8260D	3-21-22	3-21-22	
Toluene	ND	0.0040	EPA 8260D	3-21-22	3-21-22	
Ethylbenzene	ND	0.00080	EPA 8260D	3-21-22	3-21-22	
m,p-Xylene	ND	0.0016	EPA 8260D	3-21-22	3-21-22	
o-Xylene	ND	0.00080	EPA 8260D	3-21-22	3-21-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	93	74-131				
Toluene-d8	99	78-128				
4-Bromofluorobenzene	96	71-130				

Client ID:	FB-18-40.0					
Laboratory ID:	03-207-08					
Benzene	ND	0.00086	EPA 8260D	3-21-22	3-21-22	
Toluene	ND	0.0043	EPA 8260D	3-21-22	3-21-22	
Ethylbenzene	ND	0.00086	EPA 8260D	3-21-22	3-21-22	
m,p-Xylene	ND	0.0017	EPA 8260D	3-21-22	3-21-22	
o-Xylene	ND	0.00086	EPA 8260D	3-21-22	3-21-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	95	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	98	71-130				

Client ID:	FB-18-45.0					
Laboratory ID:	03-207-09					
Benzene	ND	0.00079	EPA 8260D	3-21-22	3-21-22	
Toluene	ND	0.0040	EPA 8260D	3-21-22	3-21-22	
Ethylbenzene	ND	0.00079	EPA 8260D	3-21-22	3-21-22	
m,p-Xylene	ND	0.0016	EPA 8260D	3-21-22	3-21-22	
o-Xylene	ND	0.00079	EPA 8260D	3-21-22	3-21-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	95	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	96	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-18-50.0					
Laboratory ID:	03-207-10					
Benzene	ND	0.00093	EPA 8260D	3-21-22	3-21-22	
Toluene	ND	0.0046	EPA 8260D	3-21-22	3-21-22	
Ethylbenzene	ND	0.00093	EPA 8260D	3-21-22	3-21-22	
m,p-Xylene	ND	0.0019	EPA 8260D	3-21-22	3-21-22	
o-Xylene	ND	0.00093	EPA 8260D	3-21-22	3-21-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	96	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	97	71-130				

Client ID:	FB-18-55.0					
Laboratory ID:	03-207-11					
Benzene	ND	0.00073	EPA 8260D	3-21-22	3-21-22	
Toluene	ND	0.0037	EPA 8260D	3-21-22	3-21-22	
Ethylbenzene	ND	0.00073	EPA 8260D	3-21-22	3-21-22	
m,p-Xylene	ND	0.0015	EPA 8260D	3-21-22	3-21-22	
o-Xylene	ND	0.00073	EPA 8260D	3-21-22	3-21-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	87	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	94	71-130				

Client ID:	FB-18-60.0					
Laboratory ID:	03-207-12					
Benzene	ND	0.0011	EPA 8260D	3-21-22	3-21-22	
Toluene	ND	0.0054	EPA 8260D	3-21-22	3-21-22	
Ethylbenzene	ND	0.0011	EPA 8260D	3-21-22	3-21-22	
m,p-Xylene	ND	0.0022	EPA 8260D	3-21-22	3-21-22	
o-Xylene	ND	0.0011	EPA 8260D	3-21-22	3-21-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	92	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	96	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-17-5.0					
Laboratory ID:	03-207-13					
Benzene	ND	0.00080	EPA 8260D	3-21-22	3-21-22	
Toluene	ND	0.0040	EPA 8260D	3-21-22	3-21-22	
Ethylbenzene	ND	0.00080	EPA 8260D	3-21-22	3-21-22	
m,p-Xylene	ND	0.0016	EPA 8260D	3-21-22	3-21-22	
o-Xylene	ND	0.00080	EPA 8260D	3-21-22	3-21-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	86	74-131				
Toluene-d8	102	78-128				
4-Bromofluorobenzene	97	71-130				

Client ID:	FB-17-10.0					
Laboratory ID:	03-207-14					
Benzene	ND	0.00078	EPA 8260D	3-21-22	3-21-22	
Toluene	ND	0.0039	EPA 8260D	3-21-22	3-21-22	
Ethylbenzene	ND	0.00078	EPA 8260D	3-21-22	3-21-22	
m,p-Xylene	ND	0.0016	EPA 8260D	3-21-22	3-21-22	
o-Xylene	ND	0.00078	EPA 8260D	3-21-22	3-21-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	91	74-131				
Toluene-d8	99	78-128				
4-Bromofluorobenzene	99	71-130				

Client ID:	FB-17-15.0					
Laboratory ID:	03-207-15					
Benzene	ND	0.00083	EPA 8260D	3-21-22	3-21-22	
Toluene	ND	0.0042	EPA 8260D	3-21-22	3-21-22	
Ethylbenzene	ND	0.00083	EPA 8260D	3-21-22	3-21-22	
m,p-Xylene	ND	0.0017	EPA 8260D	3-21-22	3-21-22	
o-Xylene	ND	0.00083	EPA 8260D	3-21-22	3-21-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	90	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	99	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-17-20.0					
Laboratory ID:	03-207-16					
Benzene	ND	0.00078	EPA 8260D	3-22-22	3-22-22	
Toluene	ND	0.0039	EPA 8260D	3-22-22	3-22-22	
Ethylbenzene	ND	0.00078	EPA 8260D	3-22-22	3-22-22	
m,p-Xylene	ND	0.0016	EPA 8260D	3-22-22	3-22-22	
o-Xylene	ND	0.00078	EPA 8260D	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	93	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	100	71-130				

Client ID:	FB-17-25.0					
Laboratory ID:	03-207-17					
Benzene	ND	0.00090	EPA 8260D	3-22-22	3-22-22	
Toluene	ND	0.0045	EPA 8260D	3-22-22	3-22-22	
Ethylbenzene	ND	0.00090	EPA 8260D	3-22-22	3-22-22	
m,p-Xylene	ND	0.0018	EPA 8260D	3-22-22	3-22-22	
o-Xylene	ND	0.00090	EPA 8260D	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	89	74-131				
Toluene-d8	98	78-128				
4-Bromofluorobenzene	97	71-130				

Client ID:	FB-17-30.0					
Laboratory ID:	03-207-18					
Benzene	ND	0.00089	EPA 8260D	3-22-22	3-22-22	
Toluene	ND	0.0045	EPA 8260D	3-22-22	3-22-22	
Ethylbenzene	ND	0.00089	EPA 8260D	3-22-22	3-22-22	
m,p-Xylene	ND	0.0018	EPA 8260D	3-22-22	3-22-22	
o-Xylene	ND	0.00089	EPA 8260D	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	94	74-131				
Toluene-d8	97	78-128				
4-Bromofluorobenzene	101	71-130				



Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-17-35.0					
Laboratory ID:	03-207-19					
Benzene	ND	0.00086	EPA 8260D	3-22-22	3-22-22	
Toluene	ND	0.0043	EPA 8260D	3-22-22	3-22-22	
Ethylbenzene	ND	0.00086	EPA 8260D	3-22-22	3-22-22	
m,p-Xylene	ND	0.0017	EPA 8260D	3-22-22	3-22-22	
o-Xylene	ND	0.00086	EPA 8260D	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	92	74-131				
Toluene-d8	99	78-128				
4-Bromofluorobenzene	102	71-130				

Client ID:	FB-17-40.0					
Laboratory ID:	03-207-20					
Benzene	ND	0.00086	EPA 8260D	3-22-22	3-22-22	
Toluene	ND	0.0043	EPA 8260D	3-22-22	3-22-22	
Ethylbenzene	ND	0.00086	EPA 8260D	3-22-22	3-22-22	
m,p-Xylene	ND	0.0017	EPA 8260D	3-22-22	3-22-22	
o-Xylene	ND	0.00086	EPA 8260D	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	90	74-131				
Toluene-d8	97	78-128				
4-Bromofluorobenzene	99	71-130				

Client ID:	FB-17-45.0					
Laboratory ID:	03-207-21					
Benzene	ND	0.00094	EPA 8260D	3-22-22	3-22-22	
Toluene	ND	0.0047	EPA 8260D	3-22-22	3-22-22	
Ethylbenzene	ND	0.00094	EPA 8260D	3-22-22	3-22-22	
m,p-Xylene	ND	0.0019	EPA 8260D	3-22-22	3-22-22	
o-Xylene	ND	0.00094	EPA 8260D	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	92	74-131				
Toluene-d8	98	78-128				
4-Bromofluorobenzene	98	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-17-50.0					
Laboratory ID:	03-207-22					
Benzene	ND	0.00091	EPA 8260D	3-22-22	3-22-22	
Toluene	ND	0.0046	EPA 8260D	3-22-22	3-22-22	
Ethylbenzene	ND	0.00091	EPA 8260D	3-22-22	3-22-22	
m,p-Xylene	ND	0.0018	EPA 8260D	3-22-22	3-22-22	
o-Xylene	ND	0.00091	EPA 8260D	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	92	74-131				
Toluene-d8	100	78-128				
4-Bromofluorobenzene	97	71-130				

Client ID:	FB-17-55.0					
Laboratory ID:	03-207-23					
Benzene	ND	0.00075	EPA 8260D	3-22-22	3-22-22	
Toluene	ND	0.0038	EPA 8260D	3-22-22	3-22-22	
Ethylbenzene	ND	0.00075	EPA 8260D	3-22-22	3-22-22	
m,p-Xylene	ND	0.0015	EPA 8260D	3-22-22	3-22-22	
o-Xylene	ND	0.00075	EPA 8260D	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	96	74-131				
Toluene-d8	98	78-128				
4-Bromofluorobenzene	101	71-130				

Client ID:	FB-17-60.0					
Laboratory ID:	03-207-24					
Benzene	ND	0.0010	EPA 8260D	3-22-22	3-22-22	
Toluene	ND	0.0050	EPA 8260D	3-22-22	3-22-22	
Ethylbenzene	ND	0.0010	EPA 8260D	3-22-22	3-22-22	
m,p-Xylene	ND	0.0020	EPA 8260D	3-22-22	3-22-22	
o-Xylene	ND	0.0010	EPA 8260D	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	94	74-131				
Toluene-d8	98	78-128				
4-Bromofluorobenzene	98	71-130				



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Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-17-70.0					
Laboratory ID:	03-207-25					
Benzene	ND	0.0010	EPA 8260D	3-22-22	3-22-22	
Toluene	ND	0.0052	EPA 8260D	3-22-22	3-22-22	
Ethylbenzene	ND	0.0010	EPA 8260D	3-22-22	3-22-22	
m,p-Xylene	ND	0.0021	EPA 8260D	3-22-22	3-22-22	
o-Xylene	ND	0.0010	EPA 8260D	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	93	74-131				
Toluene-d8	98	78-128				
4-Bromofluorobenzene	98	71-130				

Client ID:	FB-17-80.0					
Laboratory ID:	03-207-26					
Benzene	ND	0.0011	EPA 8260D	3-22-22	3-22-22	
Toluene	ND	0.0053	EPA 8260D	3-22-22	3-22-22	
Ethylbenzene	ND	0.0011	EPA 8260D	3-22-22	3-22-22	
m,p-Xylene	ND	0.0021	EPA 8260D	3-22-22	3-22-22	
o-Xylene	ND	0.0011	EPA 8260D	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	87	74-131				
Toluene-d8	99	78-128				
4-Bromofluorobenzene	95	71-130				

Client ID:	FB-17-90.0					
Laboratory ID:	03-207-27					
Benzene	0.0018	0.0011	EPA 8260D	3-22-22	3-22-22	
Toluene	ND	0.0053	EPA 8260D	3-22-22	3-22-22	
Ethylbenzene	ND	0.0011	EPA 8260D	3-22-22	3-22-22	
m,p-Xylene	ND	0.0021	EPA 8260D	3-22-22	3-22-22	
o-Xylene	ND	0.0011	EPA 8260D	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	92	74-131				
Toluene-d8	101	78-128				
4-Bromofluorobenzene	99	71-130				



Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FB-17-100.0					
Laboratory ID:	03-207-28					
Benzene	ND	0.00085	EPA 8260D	3-22-22	3-22-22	
Toluene	ND	0.0042	EPA 8260D	3-22-22	3-22-22	
Ethylbenzene	ND	0.00085	EPA 8260D	3-22-22	3-22-22	
m,p-Xylene	ND	0.0017	EPA 8260D	3-22-22	3-22-22	
o-Xylene	ND	0.00085	EPA 8260D	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	93	74-131				
Toluene-d8	99	78-128				
4-Bromofluorobenzene	98	71-130				

Client ID:	FB-17-110.0					
Laboratory ID:	03-207-29					
Benzene	ND	0.0011	EPA 8260D	3-22-22	3-22-22	
Toluene	ND	0.0053	EPA 8260D	3-22-22	3-22-22	
Ethylbenzene	ND	0.0011	EPA 8260D	3-22-22	3-22-22	
m,p-Xylene	ND	0.0021	EPA 8260D	3-22-22	3-22-22	
o-Xylene	ND	0.0011	EPA 8260D	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	91	74-131				
Toluene-d8	99	78-128				
4-Bromofluorobenzene	98	71-130				

Client ID:	FB-17-120.0					
Laboratory ID:	03-207-30					
Benzene	ND	0.00093	EPA 8260D	3-22-22	3-22-22	
Toluene	ND	0.0047	EPA 8260D	3-22-22	3-22-22	
Ethylbenzene	ND	0.00093	EPA 8260D	3-22-22	3-22-22	
m,p-Xylene	ND	0.0019	EPA 8260D	3-22-22	3-22-22	
o-Xylene	ND	0.00093	EPA 8260D	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	90	74-131				
Toluene-d8	98	78-128				
4-Bromofluorobenzene	97	71-130				



### VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0321S1					
Benzene	ND	0.0010	EPA 8260D	3-21-22	3-21-22	
Toluene	ND	0.0050	EPA 8260D	3-21-22	3-21-22	
Ethylbenzene	ND	0.0010	EPA 8260D	3-21-22	3-21-22	
m,p-Xylene	ND	0.0020	EPA 8260D	3-21-22	3-21-22	
o-Xylene	ND	0.0010	EPA 8260D	3-21-22	3-21-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	74-131				
Toluene-d8	103	78-128				
4-Bromofluorobenzene	98	71-130				
Laboratory ID:	MB0322S1					
Benzene	ND	0.0010	EPA 8260D	3-22-22	3-22-22	
Toluene	ND	0.0050	EPA 8260D	3-22-22	3-22-22	
Ethylbenzene	ND	0.0010	EPA 8260D	3-22-22	3-22-22	
m,p-Xylene	ND	0.0020	EPA 8260D	3-22-22	3-22-22	
o-Xylene	ND	0.0010	EPA 8260D	3-22-22	3-22-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	94	74-131				
Toluene-d8	99	78-128				
4-Bromofluorobenzene	99	71-130				



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### VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Soil Units: mg/kg

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Rec	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB03	21S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0525	0.0494	0.0500	0.0500	105	99	71-131	6	19	
Benzene	0.0516	0.0501	0.0500	0.0500	103	100	73-124	3	18	
Trichloroethene	0.0566	0.0537	0.0500	0.0500	113	107	79-130	5	18	
Toluene	0.0502	0.0466	0.0500	0.0500	100	93	76-123	7	18	
Chlorobenzene	0.0523	0.0501	0.0500	0.0500	105	100	78-122	4	18	
Surrogate:										
Dibromofluoromethane					97	99	74-131			
Toluene-d8					100	99	78-128			
4-Bromofluorobenzene					97	98	71-130			
Laboratory ID:	SB03	22S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0451	0.0499	0.0500	0.0500	90	100	71-131	10	19	
Benzene	0.0482	0.0525	0.0500	0.0500	96	105	73-124	9	18	
Trichloroethene	0.0549	0.0578	0.0500	0.0500	110	116	79-130	5	18	
Toluene	0.0474	0.0505	0.0500	0.0500	95	101	76-123	6	18	
Chlorobenzene	0.0472	0.0520	0.0500	0.0500	94	104	78-122	10	18	
Surrogate:										
Dibromofluoromethane					93	96	74-131			
Toluene-d8					96	96	78-128			
4-Bromofluorobenzene					99	99	71-130			



Date of Report: March 23, 2022 Samples Submitted: March 17, 2022 Laboratory Reference: 2203-207 Project: 691-023

# % MOISTURE

Client ID	Lab ID	% Moisture	Date Analyzed
FB-18-5.0	03-207-01	8	3-21-22
FB-18-10.0	03-207-02	10	3-21-22
FB-18-15.0	03-207-03	11	3-21-22
FB-18-20.0	03-207-04	10	3-21-22
FB-18-25.0	03-207-05	9	3-21-22
FB-18-30.0	03-207-06	7	3-21-22
FB-18-35.0	03-207-07	9	3-21-22
FB-18-40.0	03-207-08	6	3-21-22
FB-18-45.0	03-207-09	8	3-21-22
FB-18-50.0	03-207-10	9	3-21-22
FB-18-55.0	03-207-11	8	3-21-22
FB-18-60.0	03-207-12	7	3-21-22
FB-17-5.0	03-207-13	8	3-22-22
FB-17-10.0	03-207-14	7	3-22-22
FB-17-15.0	03-207-15	8	3-22-22
FB-17-20.0	03-207-16	8	3-22-22
FB-17-25.0	03-207-17	7	3-22-22
FB-17-30.0	03-207-18	6	3-22-22
FB-17-35.0	03-207-19	6	3-22-22
FB-17-40.0	03-207-20	8	3-22-22
FB-17-45.0	03-207-21	8	3-22-22
FB-17-50.0	03-207-22	8	3-22-22
FB-17-55.0	03-207-23	9	3-22-22
FB-17-60.0	03-207-24	8	3-22-22
FB-17-70.0	03-207-25	6	3-22-22
FB-17-80.0	03-207-26	4	3-22-22
FB-17-90.0	03-207-27	10	3-22-22



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Date of Report: March 23, 2022 Samples Submitted: March 17, 2022 Laboratory Reference: 2203-207 Project: 691-023

## % MOISTURE

			Date
Client ID	Lab ID	% Moisture	Analyzed
FB-17-100.0	03-207-28	5	3-22-22
FB-17-110.0	03-207-29	8	3-22-22
FB-17-120.0	03-207-30	12	3-22-22



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#### **Data Qualifiers and Abbreviations**

- A Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B The analyte indicated was also found in the blank sample.
- C The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E The value reported exceeds the quantitation range and is an estimate.
- F Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I Compound recovery is outside of the control limits.
- J The value reported was below the practical quantitation limit. The value is an estimate.
- K Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L The RPD is outside of the control limits.
- M Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 Hydrocarbons in diesel range are impacting lube oil range results.
- O Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P The RPD of the detected concentrations between the two columns is greater than 40.
- Q Surrogate recovery is outside of the control limits.
- S Surrogate recovery data is not available due to the necessary dilution of the sample.
- T The sample chromatogram is not similar to a typical \_\_\_\_\_
- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 The practical quantitation limit is elevated due to interferences present in the sample.
- V Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X Sample extract treated with a mercury cleanup procedure.
- X1 Sample extract treated with a sulfuric acid/silica gel cleanup procedure.
- X2 Sample extract treated with a silica gel cleanup procedure.
- Y The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
- Y1 Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Ζ-

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



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Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished	Sig	10 FB- 18	9 FB-18	8 58-18	7 F8-18	6 FB-18-	5 FB-18	4 FB-18	3 FB 18	2 FB-18	1 FB-18	Company: Farallon (1425) 883 Company: Farallon (1425) 883 Project Number: Project Name: Main Stree Sampled by: Sampled by:
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May 6, 2022

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2204-323

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on April 28, 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: May 6, 2022 Samples Submitted: April 28, 2022 Laboratory Reference: 2204-323 Project: 691-023

#### **Case Narrative**

Samples were collected on April 26, 27 and 28, 2022 and received by the laboratory on April 28, 2022. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



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# GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Water Units: ug/L (ppb)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-10-20220426					
Laboratory ID:	04-323-01					
Gasoline	ND	100	NWTPH-Gx	4-29-22	4-29-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	87	66-117				
Client ID:	MW-1-20220426					
Laboratory ID:	04-323-04					
Gasoline	ND	100	NWTPH-Gx	4-29-22	4-29-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	86	66-117				
Client ID:	FMW-9-20220427					
Laboratory ID:	04-323-08					
Gasoline	ND	100	NWTPH-Gx	4-29-22	4-29-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	81	66-117				
Client ID:	FMW-8-20220427					
Laboratory ID:	04-323-10					
Gasoline	ND	100	NWTPH-Gx	4-29-22	4-29-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	81	66-117				
Client ID:	FMW-17-20220428					
Laboratory ID:	04-323-13					
Gasoline	ND	100	NWTPH-Gx	4-29-22	4-29-22	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	85	66-117				



#### GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Water Units: ug/L (ppb)

						Date	Date	)	
Analyte		Result	PQ	L M	ethod	Prepared	Analyz	ed	Flags
METHOD BLANK									
Laboratory ID:		MB0429W1							
Gasoline		ND	100	) NW	TPH-Gx	4-29-22	4-29-2	22	
Surrogate:	Pe	rcent Recover	ry Control	Limits					
Fluorobenzene		88	66-1	17					
				Source	Percent	Recovery		RPD	
Analyte	Res	sult	Spike Lev	el Result	Recovery	Limits	RPD	Limit	Flags
DUPLICATE									
Laboratory ID:	04-3 <sup>2</sup>	18-04							
	ORIG	DUP							
Gasoline	568	550	NA N	A	NA	NA	3	30	
Surrogate:									
Fluorobenzene					91 90	66-117			



## DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx

Matrix: Water Units: mg/L (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-10-20220426					
Laboratory ID:	04-323-01					
Diesel Range Organics	ND	0.13	NWTPH-Dx	5-4-22	5-4-22	
Lube Oil Range Organics	ND	0.21	NWTPH-Dx	5-4-22	5-4-22	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	101	50-150				
Client ID:	MW-1-20220426					
Laboratory ID:	04-323-04					
Diesel Range Organics	ND	0.13	NWTPH-Dx	5-4-22	5-4-22	
Lube Oil Range Organics	ND	0.21	NWTPH-Dx	5-4-22	5-4-22	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	102	50-150				
Client ID:	FMW-9-20220427					
Laboratory ID:	04-323-08					
Diesel Range Organics	1.1	0.20	NWTPH-Dx	5-4-22	5-4-22	
Lube Oil Range Organics	0.40	0.20	NWTPH-Dx	5-4-22	5-4-22	
Surrogate:	Percent Recoverv	Control Limits		• • • • •	• • ==	
o-Terphenyl	102	50-150				
Client ID:	FMW-8-20220427					
Laboratory ID.	04-323-10					
Diesel Range Organics	0.21	0.13	NWTPH-Dx	5-4-22	5-4-22	
Lube Oil Range Organics	ND	0.20	NWTPH-Dx	5-4-22	5-4-22	
Surrogate:	Percent Recoverv	Control Limits				
o-Terphenyl	99	50-150				
Client ID:	EMW_17_20220428					
Laboratory ID.	0/1_323_13					
Diesel Range Organica	ND	0.14		5 1 22	5 1 22	
Lube Oil Pange Organics		0.14		5-4-22	0-4-22 5_1_22	
	Percent Recovery	Control Limits		J- <del>4</del> -22	J- <del>4</del> -22	
o-Terphenvl	10.3	50-150				



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#### DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Water Units: mg/L (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0504W1					
Diesel Range Organics	ND	0.16	NWTPH-Dx	5-4-22	5-4-22	
Lube Oil Range Organics	ND	0.16	NWTPH-Dx	5-4-22	5-4-22	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	102	50-150				

Analyto	Po	sult	Sniko		Source	Percent	Recovery	חסס	RPD Limit	Flage
	Ne:	Suit	Эріке	Level	Result	Recover		KFD	Liinit	Flays
DUPLICATE										
Laboratory ID:	SB05	04W1								
	ORIG	DUP								
Diesel Fuel #2	0.503	0.493	NA	NA		NA	NA	2	NA	
Surrogate:										
o-Terphenyl						112 10	6 50-150			



Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-10-20220426					
Laboratory ID:	04-323-01					
Vinyl Chloride	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Trichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Tetrachloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	105	75-127				
Toluene-d8	100	80-127				
4-Bromofluorobenzene	99	78-125				

Client ID:	FMW-13-20220426					
Laboratory ID:	04-323-02					
Vinyl Chloride	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Trichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Tetrachloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	105	75-127				
Toluene-d8	101	80-127				
4-Bromofluorobenzene	99	78-125				

Client ID:	FMW-12-20220426					
Laboratory ID:	04-323-03					
Vinyl Chloride	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Trichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Tetrachloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	106	75-127				
Toluene-d8	101	80-127				
4-Bromofluorobenzene	101	78-125				



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Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	MW-1-20220426					
Laboratory ID:	04-323-04					
Vinyl Chloride	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Trichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Tetrachloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	107	75-127				
Toluene-d8	101	80-127				
4-Bromofluorobenzene	100	78-125				

Client ID:	FMW-15-20220426					
Laboratory ID:	04-323-05					
Vinyl Chloride	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Trichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Tetrachloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	107	75-127				
Toluene-d8	101	80-127				
4-Bromofluorobenzene	100	78-125				

Client ID:	FMW-14-20220426					
Laboratory ID:	04-323-06					
Vinyl Chloride	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Trichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Tetrachloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	109	75-127				
Toluene-d8	102	80-127				
4-Bromofluorobenzene	100	78-125				



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Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	MW-6-20220427					
Laboratory ID:	04-323-07					
Vinyl Chloride	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Trichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Tetrachloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	109	75-127				
Toluene-d8	101	80-127				
4-Bromofluorobenzene	99	78-125				

Client ID:	FMW-9-20220427					
Laboratory ID:	04-323-08					
Vinyl Chloride	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Trichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Tetrachloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	109	75-127				
Toluene-d8	102	80-127				
4-Bromofluorobenzene	101	78-125				

Client ID:	FMW-11-20220427					
Laboratory ID:	04-323-09					
Vinyl Chloride	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Trichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Tetrachloroethene	29	0.20	EPA 8260D	5-2-22	5-2-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	110	75-127				
Toluene-d8	102	80-127				
4-Bromofluorobenzene	100	78-125				



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Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-8-20220427					
Laboratory ID:	04-323-10					
Vinyl Chloride	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Trichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Tetrachloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	108	75-127				
Toluene-d8	102	80-127				
4-Bromofluorobenzene	101	78-125				

Client ID:	MW-4-20220427					
Laboratory ID:	04-323-11					
Vinyl Chloride	ND	4.0	EPA 8260D	5-2-22	5-2-22	
(trans) 1,2-Dichloroethene	ND	4.0	EPA 8260D	5-2-22	5-2-22	
(cis) 1,2-Dichloroethene	ND	4.0	EPA 8260D	5-2-22	5-2-22	
Trichloroethene	ND	4.0	EPA 8260D	5-2-22	5-2-22	
Tetrachloroethene	890	4.0	EPA 8260D	5-2-22	5-2-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	109	75-127				
Toluene-d8	101	80-127				
4-Bromofluorobenzene	98	78-125				

Client ID:	MW-5-20220428					
Laboratory ID:	04-323-12					
Vinyl Chloride	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Trichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Tetrachloroethene	44	0.20	EPA 8260D	5-2-22	5-2-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	112	75-127				
Toluene-d8	102	80-127				
4-Bromofluorobenzene	100	78-125				



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Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-17-20220428					
Laboratory ID:	04-323-13					
Vinyl Chloride	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Trichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Tetrachloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	75-127				
Toluene-d8	102	80-127				
4-Bromofluorobenzene	101	78-125				

Client ID:	MW-3-20220428					
Laboratory ID:	04-323-14					
Vinyl Chloride	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Trichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Tetrachloroethene	31	0.20	EPA 8260D	5-2-22	5-2-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	110	75-127				
Toluene-d8	101	80-127				
4-Bromofluorobenzene	99	78-125				

Client ID:	MW-7-20220428					
Laboratory ID:	04-323-15					
Vinyl Chloride	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Trichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Tetrachloroethene	1.5	0.20	EPA 8260D	5-2-22	5-2-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	75-127				
Toluene-d8	101	80-127				
4-Bromofluorobenzene	99	78-125				



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Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	MW-2-20220428					
Laboratory ID:	04-323-16					
Vinyl Chloride	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Trichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Tetrachloroethene	47	0.20	EPA 8260D	5-2-22	5-2-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	110	75-127				
Toluene-d8	101	80-127				
4-Bromofluorobenzene	99	78-125				

Client ID:	FMW-16-20220426					
Laboratory ID:	04-323-17					
Vinyl Chloride	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Trichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Tetrachloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	75-127				
Toluene-d8	102	80-127				
4-Bromofluorobenzene	102	78-125				



12

## VOLATILE ORGANICS EPA 8260D QUALITY CONTROL

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0502W2					
Vinyl Chloride	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Trichloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Tetrachloroethene	ND	0.20	EPA 8260D	5-2-22	5-2-22	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	103	75-127				
Toluene-d8	100	80-127				
4-Bromofluorobenzene	99	78-125				

					Per	rcent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Rec	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB050	02W2								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	10.3	9.49	10.0	10.0	103	95	78-125	8	19	
Benzene	9.72	9.85	10.0	10.0	97	99	80-121	1	16	
Trichloroethene	9.61	9.93	10.0	10.0	96	99	80-122	3	18	
Toluene	9.34	9.66	10.0	10.0	93	97	80-120	3	18	
Chlorobenzene	9.07	9.45	10.0	10.0	91	95	80-120	4	17	
Surrogate:										
Dibromofluoromethane					103	103	75-127			
Toluene-d8					100	101	80-127			
4-Bromofluorobenzene					103	102	78-125			





### **Data Qualifiers and Abbreviations**

- A Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B The analyte indicated was also found in the blank sample.
- C The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E The value reported exceeds the quantitation range and is an estimate.
- F Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I Compound recovery is outside of the control limits.
- J The value reported was below the practical quantitation limit. The value is an estimate.
- K Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L The RPD is outside of the control limits.
- M Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 Hydrocarbons in diesel range are impacting lube oil range results.
- O Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P The RPD of the detected concentrations between the two columns is greater than 40.
- Q Surrogate recovery is outside of the control limits.
- S Surrogate recovery data is not available due to the necessary dilution of the sample.
- T The sample chromatogram is not similar to a typical \_\_\_\_\_
- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 The practical quantitation limit is elevated due to interferences present in the sample.
- V Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X Sample extract treated with a mercury cleanup procedure.
- X1 Sample extract treated with a sulfuric acid/silica gel cleanup procedure.
- X2 Sample extract treated with a silica gel cleanup procedure.
- Y The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
- Y1 Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Ζ-

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



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Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished	Signature	10 FMW-8-20220427	5 FIMW-11-202204247 .	. Lehorcoc-b-mult 8	7 MW-6-200007 .	6 FMW - 10-20220426	5 FMW-15-20220426	4 MW-1-20220426	3 FMW-12-20220426	2 FMW-13-2022 0426	1 FMW-10-20220426 -	ab ID Sample Identification	GP, CUS	Logan Schumacher	Main Street Place	170ject Number:	Sompany: Farallon	Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Environmental Inc.
Reviewed/Date					OK	foundan	Company	V 1212 V 78	ass 3	1 1221 79	127m (033 / 4	1545	1427 3	1350 7,8	1316 1	1120 3	4/hghe 1104 askert	Date Time Sampled Sampled Natrix	(other)	ontaine	Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(in working days)	Chain of
					4/2/20 175	Telerth	Date Time	XXX	×	· XX X		×	×	XXX	×	×	XXX	NWTP NWTP NWTP NWTP Volatile Haloge	H-HCIE H-Gx/E H-Gx H-Dx (/ es 8260 enated 1 PA 801	) BTEX (80 Acid / S0 ) Volatiles 1 (Wate	021 82 G Clean	-up [])		Laboratory Number	Sustody
Chromatograms with final report  Electronic Data Deliverables (EDDs)	Data Package: Standard 🛛 Level III 🗍 Level IV 🗌				trans DCE, vinyl chloride	A= short list = PCE, TCE, cis +	Comments/Special Instructions											Semiv. (with k PAHs k PCBs Organd Organd Chlorir Total R Total N TCLP I HEM (0	olatiles ow-leve 3270/SI 8082 ochlorir ophosp nated A aCRA M ATCA M Metals	8270/SI 8270/SI PAHs) M (Iow- horus P cid Hert letals letals grease)	IM level) cides 80 esticide bicides 8 1664	981 s 8270/ 3151	SIM	r: 04-323	Page of 2

Reviewed/Date									*	on	where the Asthe	ali			Services admond, WA 98052 vww.onsite-env.com	ital Inc.
	OPE	Company	7 - 5ALI ecforth	L 1535	Bref	406 3	1517 75	4128/22 1105 · 1 1	4/27/22 1540 Water 3	Date Time Sampled Sampled Matrix	(other)	Standard (7 Days)	2 Days 3 Days	(Check One)	Turnaround Request (in working days)	Chain of
	4/28/20 1630	Date Time	×	X	X	X	X X X	×	X	NWTPI NWTPI NWTPI NWTPI Volatile Haloge EDB EI	H-HCID H-Gx/BTEX ( H-Gx H-Dx (Acid / as 8260 nated Volatile PA 8011 (Wat	8021 82 SG Clean	260 []) up [])		Laboratory Number	Custody
Data Package: Standard       Level III       Level IV       Level IV         Chromatograms with final report       Electronic Data Deliverables (Effective)	Shorthst twos	Comments/Special Instructions								EDB EI Semivo (with lo PAHs 8 PCBs 8 Organo Organo Chlorin Total R Total M TCLP M HEM (c	A 8011 (Wat blatiles 8270/3 w-level PAHs 2270/SIM (low 3082 bchlorine Pes ated Acid He CRA Metals TCA Metals Metals iil and grease	ers Only) SIM s) ticides 80 Pesticides 8 rbicides 8 rbicides 8	081 s 8270/s 8151	SIM	n: 04-323	Page 2 of 2



January 30, 2023

Logan Schumacher Farallon Consulting 1809 7th Avenue, Suite 1111 Seattle, WA 98101

Re: Analytical Data for Project 691-023 Laboratory Reference No. 2301-220

Dear Logan:

Enclosed are the analytical results and associated quality control data for samples submitted on January 25, 2023.

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: January 30, 2023 Samples Submitted: January 25, 2023 Laboratory Reference: 2301-220 Project: 691-023

#### **Case Narrative**

Samples were collected on January 23, 24, 2023 and received by the laboratory on January 25, 2023. They were maintained at the laboratory at a temperature of  $2^{\circ}$ C to  $6^{\circ}$ 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.



2

## GASOLINE RANGE ORGANICS NWTPH-Gx

Matrix: Water Units: ug/L (ppb)

Analyto	Posult	POI	Mothod	Date Propared	Date Analyzod	Flage
Client ID:	FMW_17_112 0_2023012		Method	Flepaleu	Analyzeu	i lags
Laboratory ID:	01-220-03	-7				
Gasoline	ND	100	NWTPH-Gx	1-27-23	1-27-23	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	86	65-122				
Client ID:	FMW-17-118.0-2023012	24				
Laboratory ID:	01-220-04					
Gasoline	ND	100	NWTPH-Gx	1-27-23	1-27-23	
Surrogate:	Percent Recovery	Control Limits				
Fluorobenzene	93	65-122				



### GASOLINE RANGE ORGANICS NWTPH-Gx QUALITY CONTROL

Matrix: Water Units: ug/L (ppb)

								Date	Date	)	
Analyte		Result		PQL	Me	ethod		Prepared	Analyz	ed	Flags
METHOD BLANK											
Laboratory ID:		MB0127W1									
Gasoline		ND		100	NW	ГРН-Gx		1-27-23	1-27-2	23	
Surrogate:	Per	rcent Recove	ery Co	ontrol Limi	its						
Fluorobenzene	89			65-122							
					Source	Perc	ent	Recovery		RPD	
Analyte	Res	sult	Spik	e Level	Result	Recov	very	Limits	RPD	Limit	Flags
DUPLICATE											
Laboratory ID:	01-22	20-04									
	ORIG	DUP									
Gasoline	ND	ND	NA	NA		NA	ł	NA	NA	30	
Surrogate:											
Fluorobenzene						93	92	65-122			



Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	MW-7-20230123					
Laboratory ID:	01-220-01					
Vinyl Chloride	ND	2.0	EPA 8260D	1-27-23	1-27-23	
(trans) 1,2-Dichloroethene	ND	2.0	EPA 8260D	1-27-23	1-27-23	
(cis) 1,2-Dichloroethene	ND	2.0	EPA 8260D	1-27-23	1-27-23	
Trichloroethene	ND	2.0	EPA 8260D	1-27-23	1-27-23	
Tetrachloroethene	300	2.0	EPA 8260D	1-27-23	1-27-23	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	108	75-127				
Toluene-d8	98	80-127				
4-Bromofluorobenzene	93	78-125				

Client ID:	FMW-11-20230124					
Laboratory ID:	01-220-02					
Vinyl Chloride	ND	0.20	EPA 8260D	1-27-23	1-27-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	1-27-23	1-27-23	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	1-27-23	1-27-23	
Trichloroethene	ND	0.20	EPA 8260D	1-27-23	1-27-23	
Tetrachloroethene	15	0.20	EPA 8260D	1-27-23	1-27-23	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	110	75-127				
Toluene-d8	98	80-127				
4-Bromofluorobenzene	94	78-125				

Client ID:	FMW-17-112.0-2023012	.4				
Laboratory ID:	01-220-03					
Benzene	ND	0.20	EPA 8260D	1-27-23	1-27-23	
Toluene	ND	1.0	EPA 8260D	1-27-23	1-27-23	
Ethylbenzene	ND	0.20	EPA 8260D	1-27-23	1-27-23	
m,p-Xylene	ND	0.40	EPA 8260D	1-27-23	1-27-23	
o-Xylene	ND	0.20	EPA 8260D	1-27-23	1-27-23	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	108	75-127				
Toluene-d8	99	80-127				
4-Bromofluorobenzene	93	78-125				



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Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	FMW-17-118.0-2023012	24				
Laboratory ID:	01-220-04					
Benzene	ND	0.20	EPA 8260D	1-27-23	1-27-23	
Toluene	ND	1.0	EPA 8260D	1-27-23	1-27-23	
Ethylbenzene	ND	0.20	EPA 8260D	1-27-23	1-27-23	
m,p-Xylene	ND	0.40	EPA 8260D	1-27-23	1-27-23	
o-Xylene	ND	0.20	EPA 8260D	1-27-23	1-27-23	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	109	75-127				
Toluene-d8	98	80-127				
4-Bromofluorobenzene	92	78-125				

Client ID:	MW-4-20230124					
Laboratory ID:	01-220-05					
Vinyl Chloride	ND	4.0	EPA 8260D	1-27-23	1-27-23	
(trans) 1,2-Dichloroethene	ND	4.0	EPA 8260D	1-27-23	1-27-23	
(cis) 1,2-Dichloroethene	ND	4.0	EPA 8260D	1-27-23	1-27-23	
Trichloroethene	ND	4.0	EPA 8260D	1-27-23	1-27-23	
Tetrachloroethene	770	4.0	EPA 8260D	1-27-23	1-27-23	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	105	75-127				
Toluene-d8	97	80-127				
4-Bromofluorobenzene	92	78-125				



6

## **VOLATILE ORGANICS EPA 8260D** QUALITY CONTROL

Matrix: Water Units: ug/L

·				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0127W1					
Vinyl Chloride	ND	0.20	EPA 8260D	1-27-23	1-27-23	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260D	1-27-23	1-27-23	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260D	1-27-23	1-27-23	
Benzene	ND	0.20	EPA 8260D	1-27-23	1-27-23	
Trichloroethene	ND	0.20	EPA 8260D	1-27-23	1-27-23	
Toluene	ND	1.0	EPA 8260D	1-27-23	1-27-23	
Tetrachloroethene	ND	0.20	EPA 8260D	1-27-23	1-27-23	
Ethylbenzene	ND	0.20	EPA 8260D	1-27-23	1-27-23	
m,p-Xylene	ND	0.40	EPA 8260D	1-27-23	1-27-23	
o-Xylene	ND	0.20	EPA 8260D	1-27-23	1-27-23	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	108	75-127				
Toluene-d8	97	80-127				
4-Bromofluorobenzene	91	78-125				

					Pe	rcent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Rec	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB012	28W1								
	SB	SBD	SB	SBD	SB	SBD				
Vinyl Chloride	8.47	8.51	10.0	10.0	85	85	71-135	0	20	
(trans) 1,2-Dichloroethene	8.67	9.07	10.0	10.0	87	91	80-125	5	17	
(cis) 1,2-Dichloroethene	8.93	9.45	10.0	10.0	89	95	80-129	6	17	
Benzene	8.50	8.97	10.0	10.0	85	90	80-121	5	16	
Trichloroethene	8.75	8.94	10.0	10.0	88	89	80-122	2	18	
Toluene	8.85	9.17	10.0	10.0	89	92	80-120	4	18	
Tetrachloroethene	10.2	10.6	10.0	10.0	102	106	80-124	4	18	
Ethylbenzene	10.2	10.6	10.0	10.0	102	106	80-125	4	18	
m,p-Xylene	20.3	21.1	20.0	20.0	102	106	80-127	4	18	
o-Xylene	10.2	10.7	10.0	10.0	102	107	80-126	5	18	
Surrogate:										
Dibromofluoromethane					108	109	75-127			
Toluene-d8					99	98	80-127			
4-Bromofluorobenzene					95	94	78-125			



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This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

## 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:	FMW-17-112.0-2023012	4					
Laboratory ID:	01-220-03						
Diesel Range Organics	ND	0.20	NWTPH-Dx	1-26-23	1-30-23		
Lube Oil Range Organic	s ND	0.20	NWTPH-Dx	1-26-23	1-30-23		
Surrogate:	Percent Recovery	Control Limits					
o-Terphenyl	88	50-150					

Client ID:	FMW-17-118.0-20230124	4				
Laboratory ID:	01-220-04					
Diesel Range Organics	ND	0.20	NWTPH-Dx	1-26-23	1-30-23	
Lube Oil Range Organics	s ND	0.20	NWTPH-Dx	1-26-23	1-30-23	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	97	50-150				



Date of Report: January 30, 2023 Samples Submitted: January 25, 2023 Laboratory Reference: 2301-220 Project: 691-023

### DIESEL AND HEAVY OIL RANGE ORGANICS NWTPH-Dx QUALITY CONTROL

Matrix: Water Units: mg/L (ppm)

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
METHOD BLANK						
Laboratory ID:	MB0126W1					
Diesel Range Organics	ND	0.16	NWTPH-Dx	1-26-23	1-26-23	
Lube Oil Range Organics	ND	0.16	NWTPH-Dx	1-26-23	1-26-23	
Surrogate:	Percent Recovery	Control Limits				
o-Terphenyl	102	50-150				

					Source	Percent	Recovery		RPD	
Analyte	Result		Spike	Spike Level		Recovery	Limits	RPD	Limit	Flags
DUPLICATE										
Laboratory ID:	01-17	71-01								
	ORIG	DUP								
Diesel Range	ND	ND	NA	NA		NA	NA	NA	NA	
Lube Oil Range Organics	0.255	0.247	NA	NA		NA	NA	3	NA	
Surrogate:										
o-Terphenyl						95 93	50-150			



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9



### **Data Qualifiers and Abbreviations**

- A Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B The analyte indicated was also found in the blank sample.
- C The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E The value reported exceeds the quantitation range and is an estimate.
- F Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I Compound recovery is outside of the control limits.
- J The value reported was below the practical quantitation limit. The value is an estimate.
- K Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L The RPD is outside of the control limits.
- M Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
- N Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 Hydrocarbons in diesel range are impacting lube oil range results.
- O Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P The RPD of the detected concentrations between the two columns is greater than 40.
- Q Surrogate recovery is outside of the control limits.
- S Surrogate recovery data is not available due to the necessary dilution of the sample.
- T The sample chromatogram is not similar to a typical \_\_\_\_\_
- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 The practical quantitation limit is elevated due to interferences present in the sample.
- V Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X Sample extract treated with a mercury cleanup procedure.
- X1 Sample extract treated with a sulfuric acid/silica gel cleanup procedure.
- X2 Sample extract treated with a silica gel cleanup procedure.
- Y The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
- Y1 Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.

Ζ-

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



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Reviewed/Date	Received	Relinquished	Received Number	Relinquished	Received	Relinquished GWM SMMTM	Signature				5 MM-4- 20230124	4 FMM-17-118.0-20220124	3 FMW-17-112.0-20230124	2 FMM-11-20230124	6 CIOS COC - 4-MM 1	Lab ID Sample Identification	Emi Smith	Logan Schumachur	Main Street Place	Way - 023	Company: Foxrallon	14648 NE 95th Street • Redmond, WA 98052 Phone: (425) 883-3881 • www.onsite-env.com	Antifell Aborator Tarling Services	MA OnSite
Reviewed/Date			E OO	- Andle	Splay	< Farallon	Company		X	4	1 1425 + L	1220	1 1120	1/24/23 926 · 1 /	1/23/23 1/430 W 7	Date Time Sampled Sampled Matrix	(other)	Contain	Standard (7 Days)	2 Days 3 Days	Same Day 1 Day	(in working days)	Turnaround Bonuect	Chain of
			1125128 1255	1/25/23 1255	1/25/23/200	1/25/23 0/00	Date Time				×	X	××	×	×	NWTP NWTP NWTP NWTP Volatili Haloge	H-HCI H-Gx/I H-Gx H-Dx ( es 826 enated PA 80 <sup>-</sup>	D BTEX (8 (Acid / 8 0 Volatile	GG Clear	260)	holt	Laboratory Number	Gastony	Custody
Chromatograms with final report  Electronic Data Deliverables (EDDs)	Data Package: Standard  Level III  Level IV		* X POE, TEE, CIS/TRANS-DEE, VC		X-Add 1/26/23. DB (STA)	Hold for PM	Comments/Special Instructions									Semiv (with la PAHs i PCBs Organ Organ Chlorir Total F Total F Total N TCLP I HEM ((	olatiles ow-leve 3270/S 8082 ochlori ophosp nated A ICRA N Metals oil and	88270/S el PAHs iIM (low ne Pest bhorus I Acid He Acid He Acid He Metals	icides 8 Pesticides	081 es 8270 8151	)/SIM	r: 01 - 220	Page of	

#### 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

August 18, 2021

Logan Schumacher, Project Manager Farallon Consulting, LLC 975 5<sup>th</sup> Avenue Northwest Issaquah, WA 98027

Dear Mr Schumacher:

Included are the results from the testing of material submitted on August 11, 2021 from the Hines Main St 691-023, F&BI 108175 project. There are 20 pages included in this report.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

ale

Michael Erdahl Project Manager

Enclosures c: Farallon Data FLN0818R.DOC

#### ENVIRONMENTAL CHEMISTS

#### CASE NARRATIVE

This case narrative encompasses samples received on August 11, 2021 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Hines Main St 691-023, F&BI 108175 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	Farallon Consulting, LLC
108175 -01	SG-3-20210811
108175 -02	SG-2-20210811
108175 -03	SG-1-20210811
108175 -04	SG-4-20210811
108175 -05	SG-6-20210811
108175 -06	SG-5-20210811
108175 -07	SG-7-20210811

Non-petroleum compounds identified in the air phase hydrocarbon (APH) ranges were subtracted per the MA-APH method.

The APH EC9-12 aliphatics concentration in sample SG-5-20210811 exceeded the calibration range of the instrument. In addition, the tetrachloroethene in sample SG-3-20210811, SG-2-20210811, SG-1-20210811, and SG-5-20210811 and the tetrachloroethene and toluene concentration in SG-6-20210811 exceeded the calibration range of the instrument. The data were flagged accordingly.

All other quality control requirements were acceptable.

# ENVIRONMENTAL CHEMISTS

Client Sample ID:	SG-3-20210811	Client		Farallon Consulting, LLC
Date Received: 08/11/21		Projec	et:	Hines Main St 691-023, F&BI 108175
Date Collected:	08/11/21	Lab II	D:	108175-01 1/8.4
Date Analyzed:	08/12/21	Data I	File:	081216.D
Matrix:	Air	Instru	iment:	GCMS7
Units:	ug/m3	Operator:		bat
	%	Lower	Upper	
Surrogates:	Recovery:	Limit:	Limit:	
4-Bromofluorobenz	zene 81	70	130	
	Concentration			
Compounds:	ug/m3			
APH EC5-8 alipha	tics <630			
APH EC9-12 aliph	atics 510			
APH EC9-10 arom	atics <210			

# ENVIRONMENTAL CHEMISTS

Client Sample ID:	SG-2-20210811	Client	t:	Farallon Consulting, LLC
Date Received: 08/11/21		Projec	et:	Hines Main St 691-023, F&BI 108175
Date Collected:	08/11/21	Lab II	D:	108175-02 1/42
Date Analyzed:	08/12/21	Data	File:	081219.D
Matrix:	Air	Instru	ament:	GCMS7
Units:	Jnits: ug/m3		ator:	bat
	%	Lower	Upper	
Surrogates:	Recovery:	Limit:	Limit:	
4-Bromofluorobenz	zene 79	70	130	
	Concentration			
Compounds:	ug/m3			
APH EC5-8 alipha	tics <3,100			
APH EC9-12 aliphatics <1,000				
APH EC9-10 arom	atics <1,000			

# ENVIRONMENTAL CHEMISTS

Client Sample ID:	SG-1-20210811	Client	:	Farallon Consulting, LLC		
Date Received: 08/11/21		Projec	t:	Hines Main St 691-023, F&BI 108175		
Date Collected:	08/11/21	Lab II	D:	108175-03 1/16		
Date Analyzed:	08/12/21	Data I	File:	081218.D		
Matrix:	Air	Instru	iment:	GCMS7		
Units:	ug/m3	Opera	tor:	bat		
	%	Lower	Upper			
Surrogates:	Recovery:	Limit:	Limit:			
4-Bromofluorobenz	zene 73	70	130			
	Concentration					
Compounds:	ug/m3					
APH EC5-8 alipha	tics <1,200					
APH EC9-12 aliphatics <400						
APH EC9-10 aromatics <400						

# ENVIRONMENTAL CHEMISTS

Client Sample ID:	SG-4-20210811	Client		Farallon Consulting, LLC
Date Received: 08/11/21		Projec	et:	Hines Main St 691-023, F&BI 108175
Date Collected:	08/11/21	Lab II	D:	108175-04 1/5.8
Date Analyzed:	08/12/21	Data I	File:	081212.D
Matrix:	Air	Instru	iment:	GCMS7
Units:	ug/m3	Opera	tor:	bat
	%	Lower	Upper	
Surrogates:	Recovery:	Limit:	Limit:	
4-Bromofluorobenz	zene 92	70	130	
	Concentration			
Compounds:	ug/m3			
APH EC5-8 alipha	tics 1,100			
APH EC9-12 aliph	atics 4,300			
APH EC9-10 arom	atics 610			

# ENVIRONMENTAL CHEMISTS

Client Sample ID:	SG-6-20210811	Client	t:	Farallon Consulting, LLC
Date Received: 08/11/21		Projec	et:	Hines Main St 691-023, F&BI 108175
Date Collected:	08/11/21	Lab II	D:	108175-05 1/8.7
Date Analyzed:	08/12/21	Data	File:	081217.D
Matrix:	Air	Instru	ument:	GCMS7
Units:	ug/m3	Opera	ator:	bat
	%	Lower	Upper	
Surrogates:	Recovery:	Limit:	Limit:	
4-Bromofluorobenz	zene 85	70	130	
	Concentration			
Compounds:	ug/m3			
APH EC5-8 alipha	tics <650			
APH EC9-12 aliph	atics 1,600			
APH EC9-10 arom	atics <220			

# ENVIRONMENTAL CHEMISTS

Client Sample ID:	SG-5-20210811	Client	t:	Farallon Consulting, LLC
Date Received: 08/11/21		Projec	et:	Hines Main St 691-023, F&BI 108175
Date Collected:	08/11/21	Lab II	D:	108175-06 1/5.6
Date Analyzed:	08/12/21	Data	File:	081214.D
Matrix:	Air	Instru	ament:	GCMS7
Units:	ug/m3	Opera	itor:	bat
	%	Lower	Upper	
Surrogates:	Recovery:	Limit:	Limit:	
4-Bromofluorobenz	zene 85	70	130	
	Concentration			
Compounds:	ug/m3			
APH EC5-8 alipha	tics 1,500			
APH EC9-12 aliph	atics 5,400 ve			
APH EC9-10 aromatics <140				

# ENVIRONMENTAL CHEMISTS

Client Sample ID:	SG-7-20210811	Client	:	Farallon Consulting, LLC
Date Received: 08/11/21		Projec	t:	Hines Main St 691-023, F&BI 108175
Date Collected:	08/11/21	Lab II	):	108175-07 1/5.8
Date Analyzed:	08/12/21	Data I	File:	081215.D
Matrix:	Air	Instru	ment:	GCMS7
Units:	ug/m3	Operator:		bat
	%	Lower	Upper	
Surrogates:	Recovery:	Limit:	Limit:	
4-Bromofluorobenz	zene 84	70	130	
	Concentration			
Compounds:	ug/m3			
APH EC5-8 alipha	tics 650			
APH EC9-12 aliphatics 2,700				
APH EC9-10 arom	atics 160			

# ENVIRONMENTAL CHEMISTS

Client Sample ID:	Method Blank	Client		Farallon Consulting, LLC
Date Received:	Not Applicable	Projec	et:	Hines Main St 691-023, F&BI 108175
Date Collected:	Not Applicable	Lab II	D:	01-1837 MB
Date Analyzed:	08/12/21	Data I	File:	081211.D
Matrix:	Air	Instru	iment:	GCMS7
Units:	ug/m3	Opera	tor:	bat
	%	Lower	Upper	
Surrogates:	Recovery:	Limit:	Limit:	
4-Bromofluorobenz	zene 80	70	130	
	Concentration			
Compounds:	ug/m3			
APH EC5-8 alipha	tics <75			
APH EC9-12 aliphatics <2				
APH EC9-10 arom	atics <25			

#### ENVIRONMENTAL CHEMISTS

Client Sample ID: Date Received: Date Collected: Date Analyzed: Matrix: Units:	SG-3-20210811 08/11/21 08/11/21 08/12/21 Air ug/m3	Cli Pro Lal Da Ins Op	ent: oject: o ID: ta File: trument: erator:	Farallon Consulting, LLC Hines Main St 691-023, F&BI 108175 108175-01 1/8.4 081216.D GCMS7 bat
Surrogates: 4-Bromofluorobenze	% Recovery: ene 89	Lower Limit: 70	Upper Limit: 130	
Compoundor	Concer	ntration		
Compounds.	ug/ma	pppv		
Vinyl chloride	<2.1	< 0.84		
trans-1,2-Dichloroet	thene <3.3	< 0.84		
cis-1,2-Dichloroethe	ne <3.3	< 0.84		
Benzene	<2.7	< 0.84		
Trichloroethene	70	13		
Toluene	<160	<42		
Tetrachloroethene	50,000 ve	7,300 ve		
Ethylbenzene	<3.6	< 0.84		
m,p-Xylene	<7.3	<1.7		
o-Xylene	<3.6	< 0.84		
Naphthalene	<2.2	< 0.42		

#### ENVIRONMENTAL CHEMISTS

Client Sample ID: Date Received: Date Collected: Date Analyzed: Matrix: Units:	SG-2-20210811 08/11/21 08/11/21 08/12/21 Air ug/m3	Clie Pro Lab Dat Inst	ent: ject: ) ID: :a File: trument: erator:	Farallon Consulting, LLC Hines Main St 691-023, F&BI 108175 108175-02 1/42 081219.D GCMS7 bat
	%	Lower	Upper	
Surrogates:	Recovery:	Limit:	Limit:	
4-Bromofluorobenze	ne 87	70	130	
	Concen	tration		
Compounds:	ug/m3	ppbv		
Vinyl chloride	<11	<4.2		
trans-1,2-Dichloroet	hene <17	<4.2		
cis-1,2-Dichloroethe	ne 45	11		
Benzene	<13	<4.2		
Trichloroethene	810	150		
Toluene	<790	<210		
Tetrachloroethene	230,000 ve 3	34,000 ve		
Ethylbenzene	<18	<4.2		
m,p-Xylene	<36	<8.4		
o-Xylene	<18	<4.2		
Naphthalene	<2.4 j	<0.46 j		

#### ENVIRONMENTAL CHEMISTS

Client Sample ID: Date Received: Date Collected: Date Analyzed: Matrix: Units:	SG-1-20210811 08/11/21 08/11/21 08/12/21 Air ug/m3	Clie Pro Lab Dat Inst	ent: ject: ) ID: ;a File: trument: erator:	Farallon Consulting, LLC Hines Main St 691-023, F&BI 108175 108175-03 1/16 081218.D GCMS7 bat
~	%	Lower	Upper	
Surrogates:	Recovery:	Limit:	Limit:	
4-Bromofluorobenze	ne 80	70	130	
	Concen	tration		
Compounds:	ug/m3	ppbv		
Vinvl chloride	<4 1	<16		
trans-1 2-Dichloroet	hene <63	<1.0		
cis-1 2-Dichloroother	ne <63	<1.0		
Renzene	<pre>10 &lt;0.0 &lt;5.1</pre>	<1.0		
Trichloroethene	180	34		
Toluene	<300	<80		
Tetrachloroethene	110.000 ve 1	6.000 ve		
Ethylbenzene	<6.9	<1.6		
m.p-Xvlene	<14	<3.2		
o-Xvlene	<6.9	<1.6		
Naphthalene	<1.7	< 0.032		

#### ENVIRONMENTAL CHEMISTS

Client Sample ID: Date Received: Date Collected: Date Analyzed: Matrix: Units:	SG-4-20210811 08/11/21 08/11/21 08/12/21 Air ug/m3	Clie Pro Lak Dat Ins Ope	ent: ject: o ID: ta File: trument: erator:	Farallon Consulting, LLC Hines Main St 691-023, F&BI 108175 108175-04 1/5.8 081212.D GCMS7 bat
	%	Lower	Upper	
Surrogates:	Recovery:	Limit:	Limit:	
4-Bromofluorobenze	ne 101	70	130	
	Concer	ntration		
Compounds:	ug/m3	ppbv		
Vinyl chloride	<1.5	< 0.58		
trans-1,2-Dichloroet	hene <2.3	< 0.58		
cis-1,2-Dichloroethe	ne <2.3	< 0.58		
Benzene	2.6	0.81		
Trichloroethene	< 0.62	< 0.12		
Toluene	<110	<29		
Tetrachloroethene	47	7.0		
Ethylbenzene	3.3	0.76		
m,p-Xylene	28	6.4		
o-Xylene	6.4	1.5		
Naphthalene	<1.5	< 0.29		

#### ENVIRONMENTAL CHEMISTS

Client Sample ID: Date Received: Date Collected: Date Analyzed: Matrix: Units:	SG-6-20210811 08/11/21 08/11/21 08/12/21 Air ug/m3	Clie Pro Lab Dat Ins <sup>a</sup> Ope	ent: ject: ) ID: ;a File: trument: erator:	Farallon Consulting, LLC Hines Main St 691-023, F&BI 108175 108175-05 1/8.7 081217.D GCMS7 bat
Surrogates:	% Recovery:	Lower Limit: 70	Upper Limit: 130	
4-Dromondorobenze	iie	10	150	
	Concer	tration		
Compounds:	ug/m3	ppbv		
Vinyl chloride	<2.2	< 0.87		
trans-1,2-Dichloroet	hene <3.4	< 0.87		
cis-1,2-Dichloroethe	ne <3.4	< 0.87		
Benzene	<2.8	< 0.87		
Trichloroethene	< 0.94	< 0.17		
Toluene	9,800 ve	2,600 ve		
Tetrachloroethene	2,000 ve	300 ve		
Ethylbenzene	<3.8	< 0.87		
m,p-Xylene	13	3.1		
o-Xylene	5.2	1.2		
Naphthalene	<2.3	< 0.43		

#### ENVIRONMENTAL CHEMISTS

Client Sample ID: Date Received: Date Collected: Date Analyzed: Matrix: Units:	SG-5-20210811 08/11/21 08/11/21 08/12/21 Air ug/m3	Clio Pro Lab Dat Ins Ope	ent: oject: o ID: ta File: trument: erator:	Farallon Consulting, LLC Hines Main St 691-023, F&BI 108175 108175-06 1/5.6 081214.D GCMS7 bat
Surrogates:	% Recovery:	Lower Limit:	Upper Limit:	
4-Bromofluorobenze	ene 94	70	130	
Compounds:	Concer ug/m3	ntration ppbv		
Vinyl chloride	<1.4	< 0.56		
trans-1,2-Dichloroet	thene <2.2	< 0.56		
cis-1,2-Dichloroethe	ne <2.2	< 0.56		
Benzene	<1.8	< 0.56		
Trichloroethene	0.78	0.15		
Toluene	<110	<28		
Tetrachloroethene	2,400 ve	360 ve		
Ethylbenzene	<2.4	< 0.56		
m,p-Xylene	9.1	2.1		
o-Xylene	<2.4	< 0.56		
Naphthalene	<1.5	< 0.28		

## ENVIRONMENTAL CHEMISTS

Client Sample ID: Date Received: Date Collected: Date Analyzed: Matrix: Units:	SG-7-20210811 08/11/21 08/11/21 08/12/21 Air ug/m3	Clien Proje Lab I Data Instr Oper	nt: ect: ID: File: rument: ator:	Farallon Consulting, LLC Hines Main St 691-023, F&BI 108175 108175-07 1/5.8 081215.D GCMS7 bat
	%	Lower	Upper	
Surrogates:	Recovery:	Limit:	Limit:	
4-Bromofluorobenze	ene 0	70	130	
	Concen	tration		
Compounds:	ug/m3	ppbv		
Benzene	<1.9	< 0.58		
Toluene	<110	<29		
Ethylbenzene	<2.5	< 0.58		
m,p-Xylene	8.6	2.0		
o-Xylene	3.9	0.89		
Naphthalene	7.3	1.4		

#### ENVIRONMENTAL CHEMISTS

Client Sample ID: Date Received: Date Collected: Date Analyzed: Matrix: Units:	Method Not App 08/12/21 Air ug/m3	Blank licable licable	Clie Pro Lab Dat Inst	ent: ject: DID: Sa File: trument: erator:	Farallon Consulting, LLC Hines Main St 691-023, F&BI 108175 01-1837 MB 081211.D GCMS7 bat
Surrogates.	F	% Recovery:	Lower Limit:	Upper Limit:	
4-Bromofluorobenze	ene	88	70	130	
Compounds:		Concen ug/m3	tration ppbv		
Vinvl chloride		< 0.26	< 0.1		
trans-1,2-Dichloroet	hene	< 0.4	< 0.1		
cis-1,2-Dichloroethe	ne	< 0.4	< 0.1		
Benzene		< 0.32	< 0.1		
Trichloroethene		< 0.11	< 0.02		
Toluene		<19	<5		
Tetrachloroethene		< 6.8	<1		
Ethylbenzene		< 0.43	< 0.1		
m,p-Xylene <0.87			< 0.2		
o-Xylene <0.43			< 0.1		
Naphthalene		<0.057 j	<0.011 j		

#### ENVIRONMENTAL CHEMISTS

Date of Report: 08/18/21 Date Received: 08/11/21 Project: Hines Main St 691-023, F&BI 108175

#### QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD MA-APH

Laboratory Code: 108175-04 1/5.8 (Duplicate)

	Reporting	Sample	Duplicate	$\operatorname{RPD}$
Analyte	Units	Result	Result	(Limit 30)
APH EC5-8 aliphatics	ug/m3	1,100	1,200	9
APH EC9-12 aliphatics	ug/m3	4,300	4,500	5
APH EC9-10 aromatics	ug/m3	610	610	0

Laboratory Code: Laboratory Control Sample

assilatory coast Bassilatory	compro pro			
			Percent	
	Reporting	Spike	Recovery	Acceptance
Analyte	Units	Level	LCS	Criteria
APH EC5-8 aliphatics	ug/m3	67	72	70-130
APH EC9-12 aliphatics	ug/m3	67	90	70-130
APH EC9-10 aromatics	ug/m3	67	92	70-130

#### ENVIRONMENTAL CHEMISTS

Date of Report: 08/18/21 Date Received: 08/11/21 Project: Hines Main St 691-023, F&BI 108175

#### QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: 108175-04 1/5.8 (Duplicate)

	Reporting	Sample	Duplicate	RPD
Analyte	Units	Result	Result	(Limit 30)
Vinyl chloride	ug/m3	<1.5	<1.5	nm
trans-1,2-Dichloroethene	ug/m3	<2.3	<2.3	nm
cis-1,2-Dichloroethene	ug/m3	<2.3	<2.3	nm
Benzene	ug/m3	2.6	2.6	0
Trichloroethene	ug/m3	< 0.62	< 0.62	nm
Toluene	ug/m3	<110	<110	nm
Tetrachloroethene	ug/m3	47	47	0
Ethylbenzene	ug/m3	3.3	3.3	0
m,p-Xylene	ug/m3	28	28	0
o-Xylene	ug/m3	6.4	6.4	0
Naphthalene	ug/m3	<1.5	<1.5	nm

Laboratory Code: Laboratory Control Sample

	-		Percent	
	Reporting	Spike	Recovery	Acceptance
Analyte	Units	Level	LCS	Criteria
Vinyl chloride	ug/m3	35	92	70-130
trans-1,2-Dichloroethene	ug/m3	54	91	70 - 130
cis-1,2-Dichloroethene	ug/m3	54	92	70 - 130
Benzene	ug/m3	43	90	70-130
Trichloroethene	ug/m3	73	106	70-130
Toluene	ug/m3	51	96	70-130
Tetrachloroethene	ug/m3	92	102	70-130
Ethylbenzene	ug/m3	59	89	70-130
m,p-Xylene	ug/m3	120	93	70-130
o-Xylene	ug/m3	59	96	70-130
Naphthalene	ug/m3	71	101	70-130

#### 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.

c (206) 283-5044 Receiv	. (206) 285-8282 Reling	attle, WA 98119-2029 Receiv	12 16th Avenue West Reling	iedman & Bruya, Inc.			56-7-2010811 07	56-5-20710811 06	50 11801C0E-9-95	40 11801206-4-79	6-1-26210811 03	6-2-22010811 02	1-3-20210811 01	Sample Name ID	Tab			MPLE INFORMATION	10neEmailL	ty, State, ZIP	1dress	ompany Fergillon	sport To Logan Schuma
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#### ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D. Yelena Aravkina, M.S. Michael Erdahl, B.S. Vineta Mills, M.S. Eric Young, B.S. 5500 4th Avenue South Seattle, WA 98108 (206) 285-8282 fbi@isomedia.com www.friedmanandbruya.com

July 12, 2023

Lisa Thompson, Project Manager Farallon Consulting, LLC 975 5<sup>th</sup> Avenue Northwest Issaquah, WA 98027

Dear Ms Thompson:

Included are the results from the testing of material submitted on June 30, 2023 from the Hines Main St 691-023, F&BI 306481 project. There are 7 pages included in this report.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl Project Manager

Enclosures c: Farallon Data, Braeden Lukkari FLN0712R.DOC

#### ENVIRONMENTAL CHEMISTS

#### CASE NARRATIVE

This case narrative encompasses samples received on June 30, 2023 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Hines Main St 691-023, F&BI 306481 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	Farallon Consulting, LLC
306481 -01	SSDS-3-20230630
306481 -02	SG-3-20230630

The TO-15 tetrachloroethene concentration in several samples exceeded the calibration range. The data were qualified accordingly.

All other quality control requirements were acceptable.

# ENVIRONMENTAL CHEMISTS

Client Sample ID:	SSDS-3-202306	30 Clie	ent:	Farallon Consulting, LLC
Date Received: 06/30/23		Pro	oject:	Hines Main St 691-023, F&BI 306481
Date Collected:	06/30/23	Lab	o ID:	306481-01 1/15
Date Analyzed:	07/08/23	Dat	ta File:	070732.D
Matrix:	Air Air		trument:	GCMS7
Units:	ug/m3	Op	erator:	bat
	G	% Lower	Upper	
Surrogates:	Recovery	y: Limit:	Limit:	
4-Bromofluorobenze	ne 9	<b>8</b> 70	130	
	Cor	ncentration		
Compounds:	ug/m	.3 ppbv		
Vinyl chloride	<3.	8 <1.5		
trans-1,2-Dichloroet	hene <5.	9 <1.5		
cis-1,2-Dichloroethe	ne <5.	9 <1.5		
Trichloroethene	1	0 1.9		
Tetrachloroethene	5,500 v	re 820 ve		

# ENVIRONMENTAL CHEMISTS

Client Sample ID: Date Received: Date Collected: Date Analyzed: Matrix:	SG-3-20230630 06/30/23 06/30/23 07/08/23 Air	Clie Pro Lak Dat Ins	ent: ject: o ID: ca File: trument:	Farallon Consulting, LLC Hines Main St 691-023, F&BI 306481 306481-02 1/42 070733.D GCMS7
Units:	ug/m3	Ope	erator:	bat
Surrogates: 4-Bromofluorobenze	% Recovery: ne 98	Lower Limit: 70	Upper Limit: 130	
Compounds:	Conc ug/m3	entration ppbv		
Vinyl chloride trans-1,2-Dichloroet cis-1,2-Dichloroethe Trichloroethene Tetrachloroethene	<11 hene <17 ne <17 65 48,000 ve	<4.2 <4.2 <4.2 12 7,000 ve		

## ENVIRONMENTAL CHEMISTS

Client Sample ID: Date Received: Date Collected: Date Analyzed: Matrix: Units:	Method Not App 07/07/23 07/07/23 Air ug/m3	Blank licable	Clier Proje Lab Data Instr Oper	nt: ect: ID: a File: rument: rator:	Farallon Consulting, LLC Hines Main St 691-023, F&BI 306481 03-1540 MB 070716.D GCMS7 bat
		%	Lower	Upper	
Surrogates: Re		Recovery:	Limit:	Limit:	
4-Bromofluorobenzene		91	70	130	
		Conce	ntration		
Compounds:		ug/m3	ppbv		
Vinyl chloride		< 0.26	< 0.1		
trans-1,2-Dichloroethene		< 0.4	< 0.1		
cis-1,2-Dichloroethene <		< 0.4	< 0.1		
Trichloroethene <0.11		< 0.02			
Tetrachloroethene		<6.8	<1		

#### ENVIRONMENTAL CHEMISTS

Date of Report: 07/12/23 Date Received: 06/30/23 Project: Hines Main St 691-023, F&BI 306481

#### QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: 307063-01 1/4.8 (Duplicate)

	Reporting	Sample	Duplicate	$\operatorname{RPD}$
Analyte	Units	Result	Result	(Limit 30)
Vinyl chloride	ug/m3	<1.2	<1.2	nm
trans-1,2-Dichloroethene	ug/m3	<1.9	<1.9	nm
cis-1,2-Dichloroethene	ug/m3	<1.9	<1.9	nm
Trichloroethene	ug/m3	39	39	0
Tetrachloroethene	ug/m3	<33	<33	nm

#### ENVIRONMENTAL CHEMISTS

Date of Report: 07/12/23 Date Received: 06/30/23 Project: Hines Main St 691-023, F&BI 306481

#### QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: Laboratory Control Sample

Bassiatory could Bassiatory con	iti oi sampio			
			Percent	
	Reporting	Spike	Recovery	Acceptance
Analyte	Units	Level	LCS	Criteria
Vinyl chloride	ug/m3	35	107	70-130
trans-1,2-Dichloroethene	ug/m3	54	105	70 - 130
cis-1,2-Dichloroethene	ug/m3	54	104	70 - 130
Trichloroethene	ug/m3	73	108	70 - 130
Tetrachloroethene	ug/m3	92	109	70 - 130

#### 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, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. 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 standard reporting limit. 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.

 ${\bf k}-{\bf The}$  calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

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.

 $\rm pc$  - 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.

#### ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D. Yelena Aravkina, M.S. Michael Erdahl, B.S. Vineta Mills, M.S. Eric Young, B.S. 5500 4th Avenue South Seattle, WA 98108 (206) 285-8282 fbi@isomedia.com www.friedmanandbruya.com

March 22, 2023

Logan Schumacher, Project Manager Farallon Consulting, LLC 975 5<sup>th</sup> Avenue Northwest Issaquah, WA 98027

Dear Mr Schumacher:

Included are the results from the testing of material submitted on March 16, 2023 from the Hines Main Street 691-023, F&BI 303259 project. There are 6 pages included in this report.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl Project Manager

Enclosures c: Farallon Data, Lisa Thompson FLN0322R.DOC

#### ENVIRONMENTAL CHEMISTS

#### CASE NARRATIVE

This case narrative encompasses samples received on March 16, 2023 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Hines Main Street 691-023, F&BI 303259 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	Farallon Consulting, LLC
303259 -01	SG-03-20230316
303259 -02	SG-02-20230316

The tetrachloroethene concentration in the samples exceeded the calibration range of the instrument. The data were flagged accordingly.

All other quality control requirements were acceptable.

# ENVIRONMENTAL CHEMISTS

Client Sample ID: SG-03-20230316		Client:		Farallon Consulting, LLC	
Date Received: 03/16/23		Pro	ject:	Hines Main Street 691-023	
Date Collected:	03/16/2	3	Lab	DID:	303259-01 1/8.9
Date Analyzed:	03/17/2	3	Data File:		031619.D
Matrix:	Air		Ins	trument:	GCMS7
Units:	ug/m3		Ope	erator:	bat
		%	Lower	Upper	
Surrogates:		Recovery:	Limit:	Limit:	
4-Bromofluorobenze	ene	92	70	130	
		Conce	ntration		
Compounds:		ug/m3	ppbv		
Vinyl chloride		<2.3	< 0.89		
trans-1,2-Dichloroe	thene	<3.5	< 0.89		
cis-1,2-Dichloroethe	ene	<3.5	< 0.89		
Trichloroethene		130	24		
Tetrachloroethene		3,200 ve	470  ve		

# ENVIRONMENTAL CHEMISTS

Client Sample ID: SG-02-20230316		Client:		Farallon Consulting, LLC
Date Received: 03/16/23		Pro	oject:	Hines Main Street 691-023
03/16/2	3	Lab	o ID:	303259-02 1/8.1
03/16/2	3	Data File:		031618.D
Air		Ins	trument:	GCMS7
ug/m3		Op	erator:	bat
	%	Lower	Upper	
	Recovery:	Limit.	Limit:	
ene	93	70	130	
	Conce	ntration		
	ug/m3	ppbv		
		0.01		
_	<2.1	< 0.81		
hene	<3.2	< 0.81		
ne	<3.2	< 0.81		
	44	8.2		
	2,300 ve	340  ve		
	SG-02-3 03/16/2 03/16/2 03/16/2 Air ug/m3 ene	$\begin{array}{cccc} & & & & & & \\ & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & $	$\begin{array}{ccccccc} {\rm SG}\text{-}02\text{-}20230316 & {\rm Clit}\\ 03/16/23 & {\rm Pre}\\ 03/16/23 & {\rm Lat}\\ 03/16/23 & {\rm Dat}\\ \text{Air} & {\rm Ins}\\ \text{ug/m3} & {\rm Opt}\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	$\begin{array}{cccccccc} {\rm SG}\text{-}02\text{-}20230316 & {\rm Client:} & \\ 03/16/23 & {\rm Project:} & \\ 03/16/23 & {\rm Lab \ ID:} & \\ 03/16/23 & {\rm Data \ File:} & \\ {\rm Air} & {\rm Instrument:} & \\ ug/m3 & {\rm Operator:} & \\ \\ {\rm me} & \begin{array}{c} 9\% & {\rm Lower} & {\rm Upper} & \\ {\rm Recovery:} & {\rm Limit:} & {\rm Limit:} & \\ 93 & 70 & 130 & \\ \\ & {\rm Concentration} & \\ ug/m3 & {\rm ppbv} & \\ \\ \\ {\rm chene} & {<}3.2 & {<}0.81 & \\ {\rm me} & {<}3.2 & {<}0.81 & \\ {\rm 44} & {8.2} & \\ {2,300 \ ve } & {340 \ ve} & \\ \end{array} \right.$
# ENVIRONMENTAL CHEMISTS

Client Sample ID:	Metho	d Blank	Clie	ent:	Farallon Consulting, LLC
Date Received: Not Applicable		plicable	Project:		Hines Main Street 691-023
Date Collected: Not Applicable		Lab	DID:	03-0616 MB	
Date Analyzed:	03/16/2	23	Dat	a File:	031611.D
Matrix:	Air		Inst	trument:	GCMS7
Units:	ug/m3		Ope	erator:	bat
		%	Lower	Upper	
Surrogates:		Recovery:	Limit:	Limit:	
4-Bromofluorobenzo	ene	89	70	130	
		Conce	ntration		
Compounds:		ug/m3	$\operatorname{ppbv}$		
Vinyl chloride		< 0.26	< 0.1		
trans-1,2-Dichloroe	thene	< 0.4	< 0.1		
cis-1,2-Dichloroethe	ene	< 0.4	< 0.1		
Trichloroethene		< 0.11	< 0.02		
Tetrachloroethene		<6.8	<1		

#### ENVIRONMENTAL CHEMISTS

### Date of Report: 03/22/23 Date Received: 03/16/23 Project: Hines Main Street 691-023, F&BI 303259

### QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: 303248-02 1/4.9 (Duplicate)

	Reporting	Sample	Duplicate	RPD
Analyte	Units	Result	Result	(Limit 30)
Vinyl chloride	ug/m3	<1.3	<1.3	nm
trans-1,2-Dichloroethene	ug/m3	<1.9	<1.9	nm
cis-1,2-Dichloroethene	ug/m3	<1.9	<1.9	nm
Trichloroethene	ug/m3	< 0.53	< 0.53	nm
Tetrachloroethene	ug/m3	<33	<33	nm

Laboratory Code: Laboratory Control Sample

	I I I I		Percent	
	Reporting	Spike	Recovery	Acceptance
Analyte	Units	Level	LCS	Criteria
Vinyl chloride	ug/m3	35	97	70-130
trans-1,2-Dichloroethene	ug/m3	54	96	70-130
cis-1,2-Dichloroethene	ug/m3	54	91	70-130
Trichloroethene	ug/m3	73	104	70-130
Tetrachloroethene	ug/m3	92	112	70-130

### 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, biased high; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. 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 standard reporting limit. 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.

 ${\bf k}-{\bf The}$  calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

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.

 $\rm pc$  - 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.

APH C	FORMSNCOCNCOCTO-15.DOC	Ph. (206) 285-8282 Relinquished by:	Seattle, WA 98108 Received by: M/W/MWS Nhan Phan FLBI	5500 4th Avenue South Relinguished by M LISA THOMPS ON FAVALON	Friedman & Bruva. Inc. SIGNATURE PRINT NAME COMPANY	IA / SG	IA / SG	IA / SG		IA / SG	IA / SG	IA / SG	5G-02 - 20230316 02 3347 18 IA (SG) 3/16/23 30+0743 6.0 0752 X	59-03-20230310 01 3287 01 IA / SG 31/6/23 29 8 07/5 0 0120 X	Sample Name       ID       ID       ID       IC Circle One)       Sampled       ("Hg)       Time       Final       Canada       Final       Canada       Final       Final	Flow       IA=Indoor Air       Initial       Field       Field         015       Full       015 cV       APH	Scan EXN OCs	SAMPLE INFORMATION ANALYSIS REQU	City, State, ZIP Ischnmacher@favallon Phone Email Consulting. com Wans-DCE, Vinyl andride AP	NOTES: INVOICE TO	Address Relieving Relieving WA (001-023 R.	Envaluent inder	PROJECT NAME & ADDRESS PO #
			FL BT	Favallon	COMPA				Sampl	7	· •		52 X	20 X		015 Full 015 BT 015 cV	Scan EXN OCs	ANALYSIS RE	Aγ	INVOICE TO	091-023	PO #	

#### ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D. Yelena Aravkina, M.S. Michael Erdahl, B.S. Vineta Mills, M.S. Eric Young, B.S. 5500 4th Ave South Seattle, WA 98108-2419 (206) 285-8282 office@friedmanandbruya.com www.friedmanandbruya.com

July 24, 2024

Lisa Thompson, Project Manager Farallon Consulting, LLC 975 5<sup>th</sup> Avenue Northwest Issaquah, WA 98027

Dear Ms Thompson:

Included are the results from the testing of material submitted on July 10, 2024 from the Hines Main Street 691-023, F&BI 407113 project. There are 5 pages included in this report.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl Project Manager

Enclosures c: Farallon Data, Logan Schumacher, Braeden Lukkari FLN0724R.DOC

### ENVIRONMENTAL CHEMISTS

### CASE NARRATIVE

This case narrative encompasses samples received on July 10, 2024 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Hines Main Street 691-023, F&BI 407113 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	Farallon Consulting, LLC
407113 -01	SG-01-20240710

All quality control requirements were acceptable.

# ENVIRONMENTAL CHEMISTS

Client Sample ID:	SG-01-	-20240710	Clie	nt:	Farallon Consulting, LLC
Date Received:	07/10/2	24	Proj	ect:	Hines Main Street 691-023
Date Collected:	07/10/2	24	Lab	ID:	407113-01 1/8.4
Date Analyzed:	07/16/2	24	Data	a File:	071618.D
Matrix:	Air		Inst	rument:	GCMS8
Units:	ug/m3		Ope	rator:	bat
		%	Lower	Upper	
Surrogates:		Recovery:	Limit:	Limit:	
4-Bromofluorobenze	ene	88	70	130	
		Conce	ntration		
Compounds:		ug/m3	ppbv		
Vinyl chloride		<2.1	< 0.84		
trans-1,2-Dichloroe	thene	<3.3	< 0.84		
cis-1,2-Dichloroethe	ene	<3.3	< 0.84		
Trichloroethene		1.2	0.22		
Tetrachloroethene		230	34		

# ENVIRONMENTAL CHEMISTS

Method	l Blank	Clie	ent:	Farallon Consulting, LLC
Date Received: Not Applicab		Project:		Hines Main Street 691-023
Not Ap	plicable	Lab	DID:	04-1582 mb
07/16/2	24	Dat	a File:	071612.D
Air		Ins	trument:	GCMS8
ug/m3		Ope	erator:	bat
	%	Lower	Unner	
	Recovery:	Limit:	Limit:	
1e	84	70	130	
10	01	10	100	
	Conce	ntration		
	ug/m3	$\operatorname{ppbv}$		
	-0.00	-0.1		
	< 0.26	<0.1		
nene	< 0.4	< 0.1		
ie	< 0.4	< 0.1		
	< 0.11	< 0.02		
	< 6.8	<1		
	Methoo Not Ap Not Ap 07/16/2 Air ug/m3 ne	Method Blank Not Applicable 07/16/24 Air ug/m3 Method Blank Not Applicable 07/16/24 Air ug/m3 % Recovery: 84 Conce ug/m3 <0.26 hene <0.4 ie <0.4 <0.11 <6.8	Method BlankClieNot ApplicableProNot ApplicableLab $07/16/24$ DatAirInstantug/m3Ope%LowerRecovery:Limit:ne8470Concentrationug/m3ppbve<0.26	Method BlankClient:Not ApplicableProject:Not ApplicableLab ID: $07/16/24$ Data File:AirInstrument:ug/m3Operator:werWpperRecovery:Limit:Limit:Limit:ne8470130Concentrationug/m3ppbve<0.26

#### ENVIRONMENTAL CHEMISTS

### Date of Report: 07/24/24 Date Received: 07/10/24 Project: Hines Main Street 691-023, F&BI 407113

### QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: 407106-04 1/8.7 (Duplicate)

	Reporting	Sample	Duplicate	RPD
Analyte	Units	Result	Result	(Limit 30)
Vinyl chloride	ug/m3	<2.2	<2.2	nm
trans-1,2-Dichloroethene	ug/m3	<3.4	<3.4	nm
cis-1,2-Dichloroethene	ug/m3	<3.4	<3.4	nm
Trichloroethene	ug/m3	< 0.94	< 0.94	nm
Tetrachloroethene	ug/m3	<59	<59	nm

Laboratory Code: Laboratory Control Sample

	I I I I		Percent	
	Reporting	Spike	Recovery	Acceptance
Analyte	Units	Level	LCS	Criteria
Vinyl chloride	ug/m3	35	96	70-130
trans-1,2-Dichloroethene	ug/m3	54	105	70-130
cis-1,2-Dichloroethene	ug/m3	54	102	70-130
Trichloroethene	ug/m3	73	115	70-130
Tetrachloroethene	ug/m3	92	117	70-130

### 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, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. 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 standard reporting limit. 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.

 $k-\mbox{The calibration results}$  for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

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.

 $\rm pc$  - 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.

$\frac{Y}{2} = \frac{DATE}{2} = \frac{TIN}{2}$	Ford llon FbI Samples r		han han	PRIN PRIN Anh P	No.	IA / SG IA / SG IA / SG IA / SG	GNATU M	SI Inished by: A red by: Inished by: Inished by:	Reling Receiv Receiv	Friedman & Bruya, Inc. 5500 4 <sup>th</sup> Avenue South Seattle, WA 98108 Ph. (206) 285-8282 Fax (206) 283-5044
		2560	6	Sic	K/a/L	IA / SG	Š	ddg 3	01	<del>SC-01-071034</del> SG-01-20240710
Helium Notes	TO15 Full Scan TO15 BTEXN APH Chlorinated VOCs	inal Field Jac. Final Hg) Time	Field F Initial V Time ("	Initial Vạc. 1 ("Hg)	Date	Reporting Level: IA=Indoor Air SG=Soil Gas (Circle One)	Flow Cont. ID	Canister ID	Lab ID	SAMPLE INFORMATION Sample Name
SAMPLE DISPOSAL Default:Clean following final report delivery Hold (Fee may apply):	P P		ME THE	151: Pa	3: RSNo/A	NOTES した レ	201) 2011/11:20	Ciglion co	nail D	City, State, ZIP Chaypion, US Phone Er
C Standard RUSH Rush charges authorized by	PO# 1-023	6	DRESS	E&ADI	CT NAMI	PROJE Hin	Opt Just	1.40.40		Keport To Company <i>fuqllun</i> Address
Page # of /		DY O	tall	nature)	E CHAI ERS (sig)	SAMPL	aller,	in Schur	Log	North New CHERT

SA	MPLE CONDI	TION UPON REC.	EIPT CHI	ECKLISI	l'a a	
PROJECT # 407113	CLIENT	FLN		INITIAL DATE:	.s/ AP 07/10	24
If custody seals are	present on co	oler, are they inta	ct?	Ø NA	□ YES	🗆 NO
Cooler/Sample temp	erature			Ther	mometer ID; Flu	<u>4</u> °C 1ke 96312917
Were samples receiv	ved on ice/cold	l packs?			□ YES	Ø NO
How did samples ar	rive? ne Counter	□ Picked up by F&	BI	FedEx	/UPS/GSO	
Is there a Chain-of- *or other representative do	Custody* (COC ocuments, letters, a	C)? YE and/or shipping memos	S 🗆 NO	Init Dat	ials/ AP e: 07/	10/24
Number of days san	ples have bee	n sitting prior to	receipt at	laborat	ory _Ø_	days
Are the samples clea	arly identified	? (explain "no" answer	pelow)		⊿ YES	🗆 NO
Were all sample con leaking etc.)? (explain	tainers receiv "no" answer below	red intact (i.e. not	broken,		Ø YES	□ NO
Were appropriate sa	ample contain	ers used?	Ø YES	S D N	0. Dl	Jnknown
If custody seals are	present on sa	mples, are they in	tact?	NA	D YES	D NO
Are samples requiri	ng no headspa	ace, headspace fre	e?	Ø NA	D YES	D NO
Is the following info (explain "no" answer below	ormation prov	ided on the COC,	and does	it match	the samp	le label?
Sample ID's	Ø Yes □ No			[	□ Not on C	OC/label
Date Sampled	🗹 Yes 🗆 No				$\Box$ Not on C	OC/label
Time Sampled	🛛 Yes 🗆 No				□ Not on C	OC/label
# of Containers	🗹 Yes 🗆 No					
Relinquished	🗹 Yes 🗆 No	-				
Requested analysis	Yes 🗆 On I	Hold				
Other comments (us	se a separate pa	ge if needed)		•		
Air Samples: Were a	any additional	l canisters/tubes r	eceived? er of unu	□ NA sed TO17	□ YES	Ø NO
	DRMS/CHECKIN/SAM	PLECONDITION.doc			Rev.	05/01/24

#### ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D. Yelena Aravkina, M.S. Michael Erdahl, B.S. Vineta Mills, M.S. Eric Young, B.S. 5500 4th Ave South Seattle, WA 98108-2419 (206) 285-8282 office@friedmanandbruya.com www.friedmanandbruya.com

March 25, 2024

Lisa Thompson, Project Manager Farallon Consulting, LLC 975 5<sup>th</sup> Avenue Northwest Issaquah, WA 98027

Dear Ms Thompson:

Included are the results from the testing of material submitted on March 20, 2024 from the Hines Main Street Place 691-023, F&BI 403295 project. There are 6 pages included in this report.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl Project Manager

Enclosures c: Farallon Data FLN0325R.DOC

### ENVIRONMENTAL CHEMISTS

### CASE NARRATIVE

This case narrative encompasses samples received on March 20, 2024 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Hines Main Street Place 691-023, F&BI 403295 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	Farallon Consulting, LLC
403295 -01	SG-3-20240319

The tetrachloroethene concentration in sample SG-3-20240319 exceeded the calibration range of the instrument. The data were flagged accordingly.

All other quality control requirements were acceptable.

## ENVIRONMENTAL CHEMISTS

Client Sample ID: Date Received: Date Collected: Date Analyzed: Matrix: Units:	SG-3-20240319 03/20/24 03/19/24 03/21/24 Air ug/m3		Cli Pro Lal Da Ins Op-	ent: oject: o ID: ta File: trument: erator:	Farallon Consulting, LLC Hines Main Street Place 691-023 403295-01 1/44 032026.D GCMS8 bat
Surrogates: 4-Bromofluorobenze	ene	% Recovery: 90	Lower Limit: 70	Upper Limit: 130	
		Conce	entration		
Compounds:		ug/m3	ppbv		
Vinyl chloride		<11	<4.4		
Chloroethane		<120	<44		
1,1-Dichloroethene		<17	<4.4		
trans-1,2-Dichloroet	thene	<17	<4.4		
1,1-Dichloroethane		<18	<4.4		
cis-1,2-Dichloroethe	ne	<17	<4.4		
1,2-Dichloroethane	(EDC)	<1.8	< 0.44		
1,1,1-Trichloroethan	ne	<24	<4.4		
Trichloroethene		26	4.9		
1,1,2-Trichloroethan	ne	<2.4	< 0.44		
Tetrachloroethene		13,000 ve	1,900 ve		

### ENVIRONMENTAL CHEMISTS

Client Sample ID: Date Received: Date Collected: Date Analyzed: Matrix: Units:	Method Not Ap Not Ap 03/20/2 Air ug/m3	d Blank oplicable oplicable 24	Clier Proje Lab Data Instr Oper	nt: ect: ID: File: rument: rator:	Farallon Consulting, LLC Hines Main Street Place 691-023 04-0536 mb 032011.D GCMS8 bat
Surrogates: 4-Bromofluorobenze	ne	% Recovery: 95	Lower Limit: 70	Upper Limit: 130	
		Conce	ntration		
Compounds:		ug/m3	ppbv		
Vinyl chloride		< 0.26	< 0.1		
Chloroethane		<2.6	<1		
1,1-Dichloroethene		< 0.4	< 0.1		
trans-1,2-Dichloroet	hene	< 0.4	< 0.1		
1,1-Dichloroethane		< 0.4	< 0.1		
cis-1,2-Dichloroether	ne	< 0.4	< 0.1		
1,2-Dichloroethane (	(EDC)	< 0.04	< 0.01		
1,1,1-Trichloroethan	ne	< 0.55	< 0.1		
Trichloroethene		< 0.11	< 0.02		
1,1,2-Trichloroethan	ne	< 0.055	< 0.01		
Tetrachloroethene		<6.8	<1		

#### ENVIRONMENTAL CHEMISTS

Date of Report: 03/25/24 Date Received: 03/20/24 Project: Hines Main Street Place 691-023, F&BI 403295

### QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: 403265-03 1/5.0 (Duplicate)

	Reporting	Sample	Duplicate	$\operatorname{RPD}$
Analyte	Units	Result	Result	(Limit 30)
Vinyl chloride	ug/m3	<1.3	<1.3	nm
Chloroethane	ug/m3	<13	<13	nm
1,1-Dichloroethene	ug/m3	<2	<2	nm
trans-1,2-Dichloroethene	ug/m3	<2	<2	nm
1,1-Dichloroethane	ug/m3	<2	<2	nm
cis-1,2-Dichloroethene	ug/m3	<2	<2	nm
1,2-Dichloroethane (EDC)	ug/m3	< 0.2	< 0.2	nm
1,1,1-Trichloroethane	ug/m3	<2.7	<2.7	nm
Trichloroethene	ug/m3	< 0.54	< 0.54	nm
1,1,2-Trichloroethane	ug/m3	< 0.27	< 0.27	nm
Tetrachloroethene	ug/m3	<34	<34	nm

#### ENVIRONMENTAL CHEMISTS

Date of Report: 03/25/24 Date Received: 03/20/24 Project: Hines Main Street Place 691-023, F&BI 403295

### QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: Laboratory Control Sample

	· · · · · · ·			
			Percent	
	Reporting	Spike	Recovery	Acceptance
Analyte	Units	Level	LCS	Criteria
Vinyl chloride	ug/m3	35	112	70-130
Chloroethane	ug/m3	36	107	70-130
1,1-Dichloroethene	ug/m3	54	110	70-130
trans-1,2-Dichloroethene	ug/m3	54	110	70-130
1,1-Dichloroethane	ug/m3	55	112	70-130
cis-1,2-Dichloroethene	ug/m3	54	106	70-130
1,2-Dichloroethane (EDC)	ug/m3	55	114	70-130
1,1,1-Trichloroethane	ug/m3	74	115	70-130
Trichloroethene	ug/m3	73	113	70-130
1,1,2-Trichloroethane	ug/m3	74	117	70-130
Tetrachloroethene	ug/m3	92	110	70-130

### 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, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. 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 standard reporting limit. 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.

 ${\bf k}-{\bf The}$  calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

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.

 $\rm pc$  - 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.

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APH Heliun Notes	TO15 Full TO15 BT TO15 cV	ial Field Final Fiel c. Initial Vac. Fina [g) Time ("Hg) Tim	Date Va Sampled ("H	Keporting Level: IA=Indoor Air SG=Soil Gas (Circle One)	Flow Cont. ID	Canister ID	Lab ID	Sample Name
m	Scan EXN OCs			5	•			
QUESTED	ANALYSIS REO							SAMPLE INFORMATION
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#### ENVIRONMENTAL CHEMISTS

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

March 31, 2022

Logan Schumacher, Project Manager Farallon Consulting, LLC 975 5<sup>th</sup> Avenue Northwest Issaquah, WA 98027

Dear Mr Schumacher:

Included are the results from the testing of material submitted on March 22, 2022 from the Main of Place 691-023, F&BI 203395 project. There are 10 pages included in this report.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl Project Manager

Enclosures c: Farallon Data, Lisa Thompson FLN0331R.DOC

### ENVIRONMENTAL CHEMISTS

### CASE NARRATIVE

This case narrative encompasses samples received on March 22, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Main of Place 691-023, F&BI 203395 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	Farallon Consulting, LLC
203395 -01	SG-8-032222
203395 -02	SG-9-032222

Non-petroleum compounds identified in the air phase hydrocarbon (APH) ranges were subtracted per the MA-APH method.

All quality control requirements were acceptable.

# ENVIRONMENTAL CHEMISTS

Client Sample ID:	SG-8-032222	Client:		Farallon Consulting, LLC
Date Received:	ved: 03/22/22		et:	Main of Place 691-023
Date Collected:	03/22/22	Lab I	D:	203395-01 1/5.3
Date Analyzed:	03/26/22	Data	File:	032524.D
Matrix:	Air	Instru	ument:	GCMS7
Units:	ug/m3	Operator:		bat
	%	Lower	Upper	
Surrogates:	Recovery:	Limit:	Limit:	
4-Bromofluorobenz	zene 89	70	130	
	Concentration			
Compounds:	ug/m3			
APH EC5-8 alipha	tics 710			
APH EC9-12 aliph	atics 700			
APH EC9-10 arom	atics <130			

# ENVIRONMENTAL CHEMISTS

Client Sample ID:	SG-9-032222	Client:		Farallon Consulting, LLC
Date Received:	03/22/22	Proje	et:	Main of Place 691-023
Date Collected:	03/22/22	Lab I	D:	203395-02 1/5.5
Date Analyzed:	03/26/22	Data	File:	032525.D
Matrix:	Air	Instru	ament:	GCMS7
Units:	ug/m3	Operator:		bat
	%	Lower	Upper	
Surrogates:	Recovery:	Limit:	Limit:	
4-Bromofluorobenz	zene 87	70	130	
	Concentration			
Compounds:	ug/m3			
APH EC5-8 alipha	tics 710			
APH EC9-12 aliph	atics 500			
APH EC9-10 arom	atics <140			

# ENVIRONMENTAL CHEMISTS

Client Sample ID:	Method Blank	Clien	t:	Farallon Consulting, LLC
Date Received:	Not Applicable	Project: I		Main of Place 691-023
Date Collected:	Not Applicable	Lab I	D:	02-0701 MB
Date Analyzed:	03/25/22	Data	File:	032511.D
Matrix:	Air	Instr	ument:	GCMS7
Units:	ug/m3	Operator:		bat
	%	Lower	Upper	
Surrogates:	Recovery:	Limit:	Limit:	
4-Bromofluorobenz	zene 86	70	130	
	Concentration			
Compounds:	ug/m3			
APH EC5-8 alipha	tice <75			
ADH ECO 12 alimb	$\sim 10$			
ADU ECO 10 anom	$\sim 20$			
APIT EU9-10 arom	atics <25			

# ENVIRONMENTAL CHEMISTS

G-8-032222 3/22/22 3/22/22 3/26/22 ir g/m3	Clier Proje Lab Data Instr Oper	nt: ect: ID: a File: rument: rator:	Farallon Consulting, LLC Main of Place 691-023 203395-01 1/5.3 032524.D GCMS7 bat
%	Lower	Upper	
Recovery:	Limit:	Limit:	
e 89	70	130	
Concent ug/m3	tration ppbv		
<1.4	< 0.53		
ene <2.1	< 0.53		
<2.1	< 0.53		
7.4	2.3		
0.63	0.12		
<100	<26		
<36	<5.3		
<2.3	< 0.53		
7.8	1.8		
2.8	0.64		
<1.4	< 0.26		
	$\begin{array}{c} \text{G-8-032222} \\ \text{3/22/22} \\ \text{3/22/22} \\ \text{3/26/22} \\ \text{ir} \\ \text{g/m3} \\ \\ \text{Recovery:} \\ & 89 \\ \\ \text{Concent} \\ \text{ug/m3} \\ \\ \text{ene} \\ & <2.1 \\ & <2.1 \\ & <2.1 \\ & <2.1 \\ & <2.1 \\ & <2.1 \\ & <2.1 \\ & <2.3 \\ & <1.00 \\ & <36 \\ & <2.3 \\ & 7.8 \\ & 2.8 \\ & <1.4 \end{array}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

# ENVIRONMENTAL CHEMISTS

Client Sample ID: Date Received: Date Collected: Date Analyzed: Matrix: Units:	SG-9-0 03/22/2 03/22/2 03/26/2 Air ug/m3	32222 22 22 22	Clier Proje Lab Data Instr Oper	nt: ect: ID: t File: rument: rator:	Farallon Consulting, LLC Main of Place 691-023 203395-02 1/5.5 032525.D GCMS7 bat
		%	Lower	Upper	
Surrogates:		Recovery:	Limit:	Limit:	
4-Bromofluorobenz	ene	87	70	130	
Compounds:		Concent ug/m3	tration ppbv		
Vinyl chloride		<1.4	< 0.55		
trans-1,2-Dichloroe	thene	<2.2	< 0.55		
cis-1,2-Dichloroethe	ene	<2.2	< 0.55		
Benzene		3.6	1.1		
Trichloroethene		< 0.59	< 0.11		
Toluene		<100	<27		
Tetrachloroethene		51	7.6		
Ethylbenzene		<2.4	< 0.55		
m,p-Xylene		<4.8	<1.1		
o-Xylene		<2.4	< 0.55		
Naphthalene		<1.4	< 0.28		

# ENVIRONMENTAL CHEMISTS

Client Sample ID: Date Received: Date Collected: Date Analyzed: Matrix: Units:	Metho Not A Not A 03/25/ Air ug/m3	od Blank pplicable pplicable 22	Clie Proj Lab Data Inst Ope	nt: ect: ID: a File: rument: rator:	Farallon Consulting, LLC Main of Place 691-023 02-0701 MB 032511.D GCMS7 bat
		%	Lower	Upper	
Surrogates:		Recovery:	Limit:	Limit:	
4-Bromofluorobenz	ene	86	70	130	
		Concont	motion		
0 1		Concern	ration		
Compounds:		ug/m3	ppbv		
Vinyl chloride		< 0.26	< 0.1		
trans-1,2-Dichloroe	thene	< 0.4	< 0.1		
cis-1,2-Dichloroethe	ene	< 0.4	< 0.1		
Benzene		< 0.32	< 0.1		
Trichloroethene		< 0.11	< 0.02		
Toluene		<19	<5		
Tetrachloroethene		<6.8	<1		
Ethylbenzene		< 0.43	< 0.1		
m,p-Xylene		< 0.87	< 0.2		
o-Xylene		< 0.43	< 0.1		
Naphthalene		< 0.26	< 0.05		

#### ENVIRONMENTAL CHEMISTS

Date of Report: 03/31/22 Date Received: 03/22/22 Project: Main of Place 691-023, F&BI 203395

### QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD MA-APH

Laboratory Code: 203417-01 1/5.6 (Duplicate)

	Reporting	Sample	Duplicate	$\operatorname{RPD}$
Analyte	Units	Result	Result	(Limit 30)
APH EC5-8 aliphatics	ug/m3	550	550	0
APH EC9-12 aliphatics	ug/m3	700	650	7
APH EC9-10 aromatics	ug/m3	<140	<140	nm

Laboratory Code: Laboratory Control Sample

nor or wantpro			
		Percent	
Reporting	Spike	Recovery	Acceptance
Units	Level	LCS	Criteria
ug/m3	67	87	70-130
ug/m3	67	111	70-130
ug/m3	67	94	70-130
	Reporting Units ug/m3 ug/m3 ug/m3	ReportingSpikeUnitsLevelug/m367ug/m367ug/m367	PercentReportingSpikeRecoveryUnitsLevelLCSug/m36787ug/m367111ug/m36794

#### ENVIRONMENTAL CHEMISTS

Date of Report: 03/31/22 Date Received: 03/22/22 Project: Main of Place 691-023, F&BI 203395

### QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: 203417-01 1/5.6 (Duplicate)

	Reporting	orting Sample Duplicate		$\operatorname{RPD}$
Analyte	Units	Result	Result	(Limit 30)
Vinyl chloride	ug/m3	<1.4	<1.4	nm
trans-1,2-Dichloroethene	ug/m3	<2.2	<2.2	nm
cis-1,2-Dichloroethene	ug/m3	<2.2	<2.2	nm
Benzene	ug/m3	2.7	2.7	0
Trichloroethene	ug/m3	<0.6	<0.6	nm
Toluene	ug/m3	<110	<110	nm
Tetrachloroethene	ug/m3	<38	<38	nm
Ethylbenzene	ug/m3	<2.4	<2.4	nm
m,p-Xylene	ug/m3	<4.9	4.9	nm
o-Xylene	ug/m3	<2.4	<2.4	nm
Naphthalene	ug/m3	<1.5	<1.5	nm

Laboratory Code: Laboratory Control Sample

	-		Percent	
	Reporting	Spike	Recovery	Acceptance
Analyte	Units	Level	LCS	Criteria
Vinyl chloride	ug/m3	35	85	70-130
trans-1,2-Dichloroethene	ug/m3	54	81	70-130
cis-1,2-Dichloroethene	ug/m3	54	84	70 - 130
Benzene	ug/m3	43	84	70-130
Trichloroethene	ug/m3	73	86	70-130
Toluene	ug/m3	51	90	70-130
Tetrachloroethene	ug/m3	92	91	70-130
Ethylbenzene	ug/m3	59	80	70-130
m,p-Xylene	ug/m3	120	82	70-130
o-Xylene	ug/m3	59	82	70-130
Naphthalene	ug/m3	71	83	70-130

### 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.

Report To Jojen Shranen Company Fruder	NW NW	S S.	SAMPLI SAMPL PROJE	E CHAIN OF CUSTODY ERS (signature)	03.22.22 PO#	* Page # / of / TURNAROUND TIME Standard RUSH Rush charges authorized by
City, State, ZIP Trayus Phone 415-245-25-22 Er	nail when alber	1	NOTES	ns - DCE, Vinyi Untoride	INVOICE TO	☐ Default: Clean after 3 days
SAMPLE INFORMATION					ANALYSIS RE	EQUESTED
	Lab Canister	Flow 1 Cont.	Reporting Level: A=Indoor Air SG=Soil Gas	Date Vac. Initial Vac.	TO15 Full Scan TO15 BTEXN TO15 cVOCs - X	APH Helium
56-8-032222	01 9561	1 <b>1</b> 32	IA / 50	3/22/22 30-0 0636 50 6	<pre>*/ XX</pre>	X Directing 20 appm
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Friedman & Bruya, Inc.	SIC	NATHER		PRINT NAME	COMPA	NY DATE TIME
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Seattle, WA 98119-2029	Received by:	$\hat{\boldsymbol{\lambda}}$		ilsa Thompson	Favallon	v 3/22/22 0800
Ph. (206) 285-8282	Relinquished by:			LISA Thompson	Favallon	5051 12/22K
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#### ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D. Yelena Aravkina, M.S. Michael Erdahl, B.S. Vineta Mills, M.S. Eric Young, B.S. 5500 4th Avenue South Seattle, WA 98108 (206) 285-8282 fbi@isomedia.com www.friedmanandbruya.com

February 13, 2023

Lisa Thompson, Project Manager Farallon Consulting, LLC 975 5<sup>th</sup> Avenue Northwest Issaquah, WA 98027

Dear Ms Thompson:

Included are the results from the testing of material submitted on February 6, 2023 from the Main St Place 691-023, F&BI 302055 project. There are 11 pages included in this report.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl Project Manager

Enclosures c: Farallon Data, Logan Schumacher FLN0213R.DOC

#### ENVIRONMENTAL CHEMISTS

### CASE NARRATIVE

This case narrative encompasses samples received on February 6, 2023 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Main St Place 691-023, F&BI 302055 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	Farallon Consulting, LLC
302055 -01	SSDS-1-20230203
302055 -02	SSDS-2-20230203
302055 -03	SSDS-3-20230203
302055 -04	SSDS-4-20230203
302055 -05	SSDS-5-20230203
302055 -06	SSDS-6-20230203

The tetrachloroethene concentration in samples SSDS-1-20230203, SSDS-3-20230203, and SSDS-5-20230203 exceeded the calibration range of the instrument. The data were flagged accordingly.

All other quality control requirements were acceptable.

# ENVIRONMENTAL CHEMISTS

Client Sample ID: Date Received: Date Collected: Date Analyzed: Matrix: Units:	SSDS-1-2023020 02/06/23 02/03/23 02/08/23 Air ug/m3	3 Cli Pro La Da Ins Op	ent: oject: o ID: ta File: trument: erator:	Farallon Consulting, LLC Main St Place 691-023 302055-01 1/16 020732.D GCMS7 bat
Surrogates: 4-Bromofluorobenz	% Recovery ene 95	Lower Limit: 70	Upper Limit: 130	
Compounds:	Conc ug/m3	centration ppbv		
Vinyl chloride trans-1,2-Dichloroe cis-1,2-Dichloroethe Trichloroethene Tetrachloroethene	<pre>&lt;4.1 </pre> <pre>&lt;4.2 </pre> <pre>ctail &lt; &lt;6.3 </pre> <pre>14 </pre> 3,800 vec	<1.6 <1.6 <1.6 <1.6 2.6 550 ve		

# ENVIRONMENTAL CHEMISTS

Client Sample ID: Date Received: Date Collected: Date Analyzed: Matrix:	SSDS-2 02/06/2 02/03/2 02/08/2 Air	2-20230203 3 3 3 3	Clier Proje Lab Data Instr	nt: ect: ID: File: rument:	Farallon Consulting, LLC Main St Place 691-023 302055-02 1/16 020730.D GCMS7 bat
Units:	ug/m3		Oper	ator:	bat
Surrogates: 4-Bromofluorobenz	ene	% Recovery: 93	Lower Limit: 70	Upper Limit: 130	
Compounds:		Concer ug/m3	ntration ppbv		
Vinyl chloride trans-1,2-Dichloroe cis-1,2-Dichloroethe Trichloroethene Tetrachloroethene	ethene ene	<4.1 <6.3 <6.3 <1.7 <110	<1.6 <1.6 <1.6 <0.32 <16		
#### ENVIRONMENTAL CHEMISTS

Client Sample ID: Date Received: Date Collected: Date Analyzed: Matrix: Units:	SSDS-3-20230203 02/06/23 02/03/23 02/08/23 Air ug/m3		Client: Project: Lab ID: Data File: Instrument: Operator:		Farallon Consulting, LLC Main St Place 691-023 302055-03 1/40 020734.D GCMS7 bat
Surrogates: 4-Bromofluorobenz	ene	% Recovery: 94	Lower Limit: 70	Upper Limit: 130	
Compounds:		Conce ug/m3	entration ppbv		
Vinyl chloride trans-1,2-Dichloroe cis-1,2-Dichloroethe Trichloroethene Tetrachloroethene	thene ene	<10 <16 <16 50 17,000 ve	<4 <4 9.2 2,600 ve		

#### ENVIRONMENTAL CHEMISTS

Client Sample ID: Date Received: Date Collected: Date Analyzed: Matrix: Units:	SSDS-4-2023020 02/06/23 02/03/23 02/08/23 Air ug/m3	03 Cl Pr La Da In Or	ient: oject: .b ID: .ta File: strument: perator:	Farallon Consulting, LLC Main St Place 691-023 302055-04 1/8.1 020729.D GCMS7 bat
Surrogates: 4-Bromofluorobenze	9 Recovery ene 9	6 Lower 7: Limit 6 70	Upper Limit: 130	
Compounds:	Con ug/m	centration 3 ppbv		
Vinyl chloride trans-1,2-Dichloroet cis-1,2-Dichloroethe Trichloroethene Tatrachloroethene	<2. thene <3.1 ene <3.1 <0.8 <48	$\begin{array}{cccc} 1 & <0.81 \\ 2 & <0.81 \\ 2 & <0.81 \\ 7 & <0.16 \\ 0 & 70 \end{array}$		
Tetrachloroethene	48	0 70	i	

#### ENVIRONMENTAL CHEMISTS

Client Sample ID: Date Received: Date Collected: Date Analyzed: Matrix: Units:	SSDS-5-202 02/06/23 02/03/23 02/08/23 Air ug/m3	30203	Clie Pro Lab Dat Inst Ope	ent: ject: ID: a File: crument: prator:	Farallon Consulting, LLC Main St Place 691-023 302055-05 1/38 020733.D GCMS7 bat
Surrogates: 4-Bromofluorobenz	Reco	% overy: 95	Lower Limit: 70	Upper Limit: 130	
Compounds:	υ	Conce ig/m3	entration ppbv		
Vinyl chloride trans-1,2-Dichloroe cis-1,2-Dichloroethe Trichloroethene Tetrachloroethene	thene ene 13,0	<9.7 <15 <15 13 00 ve	<3.8 <3.8 <3.8 2.5 1,900 ve		

#### ENVIRONMENTAL CHEMISTS

Client Sample ID:	Client Sample ID: SSDS-6-20230203		Client:		Farallon Consulting, LLC
Date Received:	Date Received: 02/06/23		Project:		Main St Place 691-023
Date Collected:	02/03/23	3	Lab 1	[D:	302055-06 1/37
Date Analyzed:	02/08/23	3	Data	File:	020731.D
Matrix:	Air		Instr	ument:	GCMS7
Units:	ug/m3		Oper	ator:	bat
		%	Lower	Upper	
Surrogates:		Recovery:	Limit:	Limit:	
4-Bromofluorobenz	ene	94	70	130	
		Concer	ntration		
Compounds:		ug/m3	ppbv		
Vinyl chloride		<9.5	<3.7		
trans-1,2-Dichloroethene		<15	<3.7		
cis-1,2-Dichloroethe	ene	<15	<3.7		
Trichloroethene		<4	< 0.74		
Tetrachloroethene		420	61		

#### ENVIRONMENTAL CHEMISTS

Client Sample ID: Method Blank		Client:		Farallon Consulting, LLC	
Date Received: Not Applicable		Proje	ect:	Main St Place 691-023	
Date Collected:	Not Ap	oplicable	Lab	ID:	03-0269 MB
Date Analyzed:	02/07/2	23	Data	File:	020711.D
Matrix:	Air		Instr	rument:	GCMS7
Units:	ug/m3		Oper	rator:	bat
		%	Lower	Upper	
Surrogates:		Recovery:	Limit:	Limit:	
4-Bromofluorobenz	ene	92	70	130	
		Conce	ntration		
Compounds:		ug/m3	ppbv		
Vinyl chloride		< 0.26	< 0.1		
trans-1,2-Dichloroe	thene	< 0.4	< 0.1		
cis-1,2-Dichloroethe	ene	< 0.4	< 0.1		
Trichloroethene		< 0.11	< 0.02		
Tetrachloroethene		<6.8	<1		

#### ENVIRONMENTAL CHEMISTS

Date of Report: 02/13/23 Date Received: 02/06/23 Project: Main St Place 691-023, F&BI 302055

#### QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: 302033-03 1/4.9 (Duplicate)

	Reporting	Sample	Duplicate	$\operatorname{RPD}$
Analyte	Units	Result	Result	(Limit 30)
Vinyl chloride	ug/m3	<1.3	<1.3	nm
trans-1,2-Dichloroethene	ug/m3	<1.9	<1.9	nm
cis-1,2-Dichloroethene	ug/m3	<1.9	<1.9	nm
Trichloroethene	ug/m3	< 0.53	< 0.53	nm
Tetrachloroethene	ug/m3	<33	<33	nm

#### ENVIRONMENTAL CHEMISTS

Date of Report: 02/13/23 Date Received: 02/06/23 Project: Main St Place 691-023, F&BI 302055

#### QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: Laboratory Control Sample

nor or wampro			
		Percent	
Reporting	Spike	Recovery	Acceptance
Units	Level	LCS	Criteria
ug/m3	35	103	70-130
ug/m3	54	103	70-130
ug/m3	<b>54</b>	99	70-130
ug/m3	73	101	70-130
ug/m3	92	102	70-130
	Reporting Units ug/m3 ug/m3 ug/m3 ug/m3 ug/m3	Reporting UnitsSpike Levelug/m335ug/m354ug/m354ug/m373ug/m392	PercentReporting UnitsSpike LevelRecovery LCSug/m335103ug/m354103ug/m35499ug/m373101ug/m392102

#### 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.

Friedman & Bruya, Ind 5500 4th Avenue South Seattle, WA 98108 Ph. (206) 285-8282 Fax (206) 283-5044 FORMS\COC\COCTO-15.DOC	Beport To LESP         Report To LESP         Company FAR         Address 975         City, State, ZIP 1         Phone [H25] 245-0         SAMPLE INFORMA         Sample Name         SSINS-1 - 2023020         SSINS-5 - 202302         SSINS-5 - 202302         SSINS-5 - 2023020	
Relinquished by: Received by: Relinquished by: Relinquished by: Received by:	T.H. MYS.W. Loland       St. H.U.M.         STH       AVE       Niw         STH       AVE       Niw         SCAUAH, WA, 1802.7       1802.7         Boo       Email       1800.7         Boo       Email       1800.7         Boo       Email       1802.7         Boo       Email       1802.7         Boo       Email       1802.7         Boo       Email       180.7         ID       ID       Flow         ID       ID       ID         SO       01       2438         SO       02       3384       303         SO       04       1245       308         SO       05       361       52         SO       05       367       52         SO       2302       52       52	
JOHN KIM ANHPHA	NUMPLE CHAIN OF CU         SAMPLERS (signature)         PROJECT NAME & ADDRE         PROJECT PLACE         PROJECT LTST HUP         PC (C, TCE, CTS - DCE, TCANE         IA (SG       Date         VEANT CHLORING         IA (SG       20         IA (SG       30         IA (SG       40         IA (SG	2
лЕ сомрану Faicallan N Fsb	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	
DATE TIME 2-6-23 0927 02/06/23 09:27	Page # of	

#### ENVIRONMENTAL CHEMISTS

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

April 14, 2022

Logan Schumacher, Project Manager Farallon Consulting, LLC 975 5<sup>th</sup> Avenue Northwest Issaquah, WA 98027

Dear Mr Schumacher:

Included are the results from the testing of material submitted on March 25, 2022 from the Main Street Place 691-023, F&BI 203474 project. There are 12 pages included in this report.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

ale

Michael Erdahl Project Manager

Enclosures c: Farallon Data FLN0414R.DOC

#### ENVIRONMENTAL CHEMISTS

#### CASE NARRATIVE

This case narrative encompasses samples received on March 25, 2022 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Main Street Place 691-023, F&BI 203474 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	Farallon Consulting, LLC
203474 -01	SG-10-032422
203474 -02	SG-11-032422
203474 -03	SG-13-032422
203474 -04	SG-12-032422

Non-petroleum compounds identified in the air phase hydrocarbon (APH) ranges were subtracted per the MA-APH method.

The tetrachloroethene concentration in samples SG-11-032422 and SG-13-032422 exceeded the calibration range of the instrument. The data were flagged accordingly.

All other quality control requirements were acceptable.

#### ENVIRONMENTAL CHEMISTS

Client Sample ID:	SG-11-032422	Clien	t:	Farallon Consulting, LLC
Date Received:	03/25/22	Proje	ct:	Main Street Place 691-023
Date Collected:	04/11/22	Lab I	D:	203474-02 1/17
Date Analyzed:	04/12/22	Data	File:	041131.D
Matrix:	Air	Instr	ument:	GCMS7
Units:	ug/m3	Oper	ator:	bat
	%	Lower	Upper	
Surrogates:	Recovery:	Limit:	Limit:	
4-Bromofluorobenz	zene 93	70	130	
	Concentration			
Compounds:	ug/m3			
APH EC5-8 alipha	tics 2,300			
APH EC9-12 aliphatics <420				
APH EC9-10 arom	atics <420			

#### ENVIRONMENTAL CHEMISTS

Client Sample ID:	Method Blank	Client:		Farallon Consulting, LLC
Date Received:	Not Applicable	Project:		Main Street Place 691-023
Date Collected:	Not Applicable	Lab I	D:	02-0792 mb
Date Analyzed:	04/12/22	Data	File:	041128.D
Matrix:	Air	Instr	ument:	GCMS7
Units:	ug/m3	Operation	ator:	bat
	%	Lower	Upper	
Surrogates:	Recovery:	Limit:	Limit:	
4-Bromofluorobenz	zene 92	70	130	
	Concentration			
Compounds:	ug/m3			
APH EC5-8 alipna	tics <75			
APH EC9-12 aliph	atics <25			
APH EC9-10 arom	atics <25			

#### ENVIRONMENTAL CHEMISTS

Client Sample ID: Date Received: Date Collected: Date Analyzed: Matrix: Units:	SG-10-032422 03/25/22 04/11/22 04/12/22 Air ug/m3		Client: Project: Lab ID: Data File: Instrument: Operator:		Farallon Consulting, LLC Main Street Place 691-023 203474-01 1/5.5 041129.D GCMS7 bat
		%	Lower	Upper	
Surrogates:		Recovery:	Limit:	Limit:	
4-Bromofluorobenz	ene	102	70	130	
		Concen	tration		
Compounds:		ug/m3	ppbv		
Vinyl chloride		<1.4	< 0.55		
Chloroethane		<15	$<\!5.5$		
1,1-Dichloroethene		<2.2	< 0.55		
trans-1,2-Dichloroe	thene	<2.2	< 0.55		
1,1-Dichloroethane		<2.2	< 0.55		
cis-1,2-Dichloroethe	ene	<2.2	< 0.55		
1,2-Dichloroethane	(EDC)	< 0.22	< 0.055		
1,1,1-Trichloroetha	ne	<3	< 0.55		
Trichloroethene		1.0	0.19		
1,1,2-Trichloroetha	ne	< 0.3	< 0.055		
Tetrachloroethene		<37	<5.5		

#### ENVIRONMENTAL CHEMISTS

Client Sample ID: Date Received: Date Collected: Date Analyzed: Matrix: Units:	SG-11-032422 03/25/22 04/11/22 04/12/22 Air ug/m3		Clie Proj Lab Dat Inst Ope	ent: ject: ID: a File: crument: erator:	Farallon Consulting, LLC Main Street Place 691-023 203474-02 1/17 041131.D GCMS7 bat
		%	Lower	Upper	
Surrogates:	1	Recovery:	Limit:	Limit:	
4-Bromofluorobenz	ene	93	70	130	
		Concen	tration		
Compounds:		ug/m3	$\operatorname{ppbv}$		
<b>T</b> 7' 1 1 1 · 1		. 4.0			
Vinyl chloride		<4.3	<1.7		
Chloroethane		<45	<17		
1,1-Dichloroethene		<6.7	<1.7		
trans-1,2-Dichloroe	thene	<6.7	<1.7		
1,1-Dichloroethane		<6.9	<1.7		
cis-1,2-Dichloroethe	ene	<6.7	<1.7		
1,2-Dichloroethane	(EDC)	< 0.69	< 0.17		
1,1,1-Trichloroetha	ne	<9.3	< 1.7		
Benzene		<5.4	<1.7		
Trichloroethene		<1.8	< 0.34		
Toluene		<320	<85		
1,1,2-Trichloroetha	ne	< 0.93	< 0.17		
Tetrachloroethene		2,900 ve	430 ve		
Ethylbenzene		<7.4	<1.7		
m,p-Xylene		<15	<3.4		
o-Xylene		<7.4	<1.7		
Naphthalene		<4.5	< 0.85		

#### ENVIRONMENTAL CHEMISTS

Client Sample ID: Date Received: Date Collected: Date Analyzed: Matrix: Units:	SG-13-032422 03/25/22 04/11/22 04/12/22 Air ug/m3		Clies Proj Lab Data Inst Ope	nt: ect: ID: a File: rument: rator:	Farallon Consulting, LLC Main Street Place 691-023 203474-03 1/17 041132.D GCMS7 bat
		%	Lower	Upper	
Surrogates:		Recovery:	Limit:	Limit:	
4-Bromofluorobenz	ene	92	70	130	
		Concont	notion		
Commune day					
Compounds:		ug/m3	ppov		
Vinyl chloride		<4.3	<1.7		
Chloroethane		<45	<17		
1,1-Dichloroethene		<6.7	<1.7		
trans-1,2-Dichloroe	thene	<6.7	<1.7		
1,1-Dichloroethane		<6.9	<1.7		
cis-1,2-Dichloroethe	ene	<6.7	<1.7		
1,2-Dichloroethane	(EDC)	< 0.69	< 0.17		
1,1,1-Trichloroetha	ne	<9.3	<1.7		
Trichloroethene		<1.8	< 0.34		
1,1,2-Trichloroetha	ne	< 0.93	< 0.17		
Tetrachloroethene		1,700 ve	260 ve		

#### ENVIRONMENTAL CHEMISTS

Client Sample ID: Date Received: Date Collected: Date Analyzed: Matrix: Units:	SG-12- 03/25/2 04/11/2 04/12/2 Air ug/m3	SG-12-032422 03/25/22 04/11/22 04/12/22 Air ug/m3		ent: ject: ) ID: :a File: trument: erator:	Farallon Consulting, LLC Main Street Place 691-023 203474-04 1/5.5 041130.D GCMS7 bat
		%	Lower	Upper	
Surrogates:		Recovery:	Limit:	Limit:	
4-Bromofluorobenz	ene	93	70	130	
Compounds:		Concen ug/m3	tration ppbv		
Vinyl chloride		<1.4	< 0.55		
Chloroethane		<15	< 5.5		
1,1-Dichloroethene		<2.2	< 0.55		
trans-1,2-Dichloroe	thene	<2.2	< 0.55		
1,1-Dichloroethane		<2.2	< 0.55		
cis-1,2-Dichloroethe	ene	<2.2	< 0.55		
1,2-Dichloroethane	(EDC)	< 0.22	< 0.055		
1,1,1-Trichloroetha	ne	<3	< 0.55		
Trichloroethene		0.95	0.18		
1,1,2-Trichloroetha	ne	< 0.3	< 0.055		
Tetrachloroethene		45	6.6		

#### ENVIRONMENTAL CHEMISTS

Client Sample ID: Date Received: Date Collected: Date Analyzed: Matrix: Units:	Method Blank Not Applicable O4/12/22 Air ug/m3	Clio Pro Lak Dat Ins Ope	ent: ject: ) ID: ta File: trument: erator:	Farallon Consulting, LLC Main Street Place 691-023 02-0792 mb 041128.D GCMS7 bat
C	%	Lower	Upper	
Surrogates:	Recovery:	Limit:	Limit:	
4-Bromofluorobenze	ene 92	70	130	
	Concer	tration		
Compounds:	ug/m3	ppbv		
•	Ŭ			
Vinyl chloride	< 0.26	< 0.1		
Chloroethane	<2.6	<1		
1,1-Dichloroethene	< 0.4	< 0.1		
trans-1,2-Dichloroet	thene <0.4	< 0.1		
1,1-Dichloroethane	< 0.4	< 0.1		
cis-1,2-Dichloroethe	ne <0.4	< 0.1		
1,2-Dichloroethane	(EDC) <0.04	< 0.01		
1,1,1-Trichloroethar	ne <0.55	< 0.1		
Benzene	< 0.32	< 0.1		
Trichloroethene	< 0.11	< 0.02		
Toluene	<19	<5		
1,1,2-Trichloroethar	ne <0.055	< 0.01		
Tetrachloroethene	< 6.8	<1		
Ethylbenzene	< 0.43	< 0.1		
m,p-Xylene	< 0.87	< 0.2		
o-Xylene	< 0.43	< 0.1		
Naphthalene	< 0.26	< 0.05		

#### ENVIRONMENTAL CHEMISTS

#### Date of Report: 04/14/22 Date Received: 03/25/22 Project: Main Street Place 691-023, F&BI 203474

#### QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD MA-APH

Laboratory Code: 203474-02 1/8.4 (Duplicate)

	Reporting	Sample	Duplicate	$\operatorname{RPD}$
Analyte	Units	Result	Result	(Limit 30)
APH EC5-8 aliphatics	ug/m3	1,600 fb	1,700 fb	6
APH EC9-12 aliphatics	ug/m3	230	230	0
APH EC9-10 aromatics	ug/m3	<210	<210	nm

Laboratory Code: Laboratory Control Sample

<i>v v</i>	1			
			Percent	
	Reporting	Spike	Recovery	Acceptance
Analyte	Units	Level	LCS	Criteria
APH EC5-8 aliphatics	ug/m3	67	77	70-130
APH EC9-12 aliphatics	ug/m3	67	113	70-130
APH EC9-10 aromatics	ug/m3	<b>67</b>	102	70 - 130

#### ENVIRONMENTAL CHEMISTS

Date of Report: 04/14/22 Date Received: 03/25/22 Project: Main Street Place 691-023, F&BI 203474

#### QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: 203474-02 1/8.4 (Duplicate)

	Reporting	Reporting Sample I		$\operatorname{RPD}$
Analyte	Units	Result	Result	(Limit 30)
Vinyl chloride	ug/m3	<2.1	<2.1	nm
Chloroethane	ug/m3	<22	<22	nm
1,1-Dichloroethene	ug/m3	<3.3	<3.3	nm
trans-1,2-Dichloroethene	ug/m3	<3.3	<3.3	nm
1,1-Dichloroethane	ug/m3	<3.4	<3.4	nm
cis-1,2-Dichloroethene	ug/m3	<3.3	<3.3	nm
1,2-Dichloroethane (EDC)	ug/m3	< 0.34	< 0.34	nm
1,1,1-Trichloroethane	ug/m3	<4.6	<4.6	nm
Benzene	ug/m3	<2.7	<2.7	nm
Trichloroethene	ug/m3	< 0.9	< 0.9	nm
Toluene	ug/m3	<160	<160	nm
1,1,2-Trichloroethane	ug/m3	< 0.46	< 0.46	nm
Tetrachloroethene	ug/m3	$2,500~{ m fb}$	2,600  fb	4
Ethylbenzene	ug/m3	<3.6	<3.6	nm
m,p-Xylene	ug/m3	<7.3	<7.3	nm
o-Xylene	ug/m3	<3.6	<3.6	nm
Naphthalene	ug/m3	<2.2	<2.2	nm

#### ENVIRONMENTAL CHEMISTS

#### Date of Report: 04/14/22 Date Received: 03/25/22 Project: Main Street Place 691-023, F&BI 203474

#### QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: Laboratory Control Sample

	_		Percent	
	Reporting	Spike	Recovery	Acceptance
Analyte	Units	Level	LCS	Criteria
Vinyl chloride	ug/m3	35	101	70-130
Chloroethane	ug/m3	36	104	70-130
1,1-Dichloroethene	ug/m3	54	104	70-130
trans-1,2-Dichloroethene	ug/m3	<b>54</b>	102	70-130
1,1-Dichloroethane	ug/m3	55	109	70-130
cis-1,2-Dichloroethene	ug/m3	54	101	70-130
1,2-Dichloroethane (EDC)	ug/m3	55	102	70-130
1,1,1-Trichloroethane	ug/m3	74	126	70-130
Benzene	ug/m3	43	99	70-130
Trichloroethene	ug/m3	73	102	70-130
Toluene	ug/m3	51	102	70-130
1,1,2-Trichloroethane	ug/m3	74	111	70-130
Tetrachloroethene	ug/m3	92	94	70-130
Ethylbenzene	ug/m3	59	93	70-130
m,p-Xylene	ug/m3	120	98	70-130
o-Xylene	ug/m3	59	97	70-130
Naphthalene	ug/m3	71	127	70-130

#### 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.

Friedman & Bruya, Inc. 3012 16th Avenue West Seattle, WA 98119-2029 Ph. (206) 285-8282 Fax (206) 283-5044 FORMS\COC\COCTO-15_DOC	12 SG-12-032422	Late Sample Name Late Sample Name ID SG-10-032422 01 $SG-11-632422$ 02 $SG-13-032422$ 03 $SG-13-032422$ 03	20347 Report To Loyen Chemien Company Ferallon Cross Address 975 5th AVE City, State, ZIP Steguen Cross Phone 425-295-55- Email
Aquished by: ived by: Aquished by: Aquished by: ived by:		Canister Cor ID II 4177 $308346$ $24246$ $24$	Hung Comp
	A / SG IA / SG IA / SG IA / SG IA / SG	Reporting Level: Level: MW LA=Indoor Air SG=Soil Gas (Circle One) IA / SO IA / SO	SAMPL SAMPL PROJE PROJE Way
Lisa The HONCOM		Date Initial Date Vac. Sampled ("Hg) 3/24/22 32.0 3/4/22 32.0 3/4/22 32.0	E CHAIN OF ERS (signature) CT NAME & ADI CT NAME & ADI S. TCE, Cis S. DCE, Vinyi
Thame Thameson ompson NG wife		Field Final F Initial Vac. F Time ("Hg) T OGOI 5.0 G OG12 5.0 07	CUSTODY CUSTODY
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#### ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D. Yelena Aravkina, M.S. Michael Erdahl, B.S. Vineta Mills, M.S. Eric Young, B.S. 5500 4th Avenue South Seattle, WA 98108 (206) 285-8282 fbi@isomedia.com www.friedmanandbruya.com

December 11, 2023

Logan Schumacher, Project Manager Farallon Consulting, LLC 975 5<sup>th</sup> Avenue Northwest Issaquah, WA 98027

Dear Mr Schumacher:

Included are the results from the testing of material submitted on December 1, 2023 from the Main Street Place 691-023, F&BI 312001 project. There are 6 pages included in this report.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Cale

Michael Erdahl Project Manager

Enclosures c: Farallon Data FLN1211R.DOC

#### ENVIRONMENTAL CHEMISTS

#### CASE NARRATIVE

This case narrative encompasses samples received on December 1, 2023 by Friedman & Bruya, Inc. from the Farallon Consulting, LLC Main Street Place 691-023, F&BI 312001 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	Farallon Consulting, LLC
312001 -01	SSDS-7-20231201
312001 -02	SSDS-8-20231201

The tetrachloroethene concentration in the samples exceeded the calibration range of the instrument. The data were flagged accordingly.

All other quality control requirements were acceptable.

#### ENVIRONMENTAL CHEMISTS

Client Sample ID: SSDS-7-20231201		Client:		Farallon Consulting, LLC	
Date Received:	Date Received: 12/01/23		Project:		Main Street Place 691-023
Date Collected:	12/01/2	23	Lab	ID:	312001-01 1/16
Date Analyzed:	12/06/2	23	Data	a File:	120622.D
Matrix:	Air		Inst	rument:	GCMS7
Units:	ug/m3		Ope	rator:	bat
		%	Lower	Upper	
Surrogates:		Recovery:	Limit:	Limit:	
4-Bromofluorobenz	ene	103	70	130	
		Concor	atration		
C					
Compounds:		ug/m3	pppv		
Vinyl chloride		<4.1	<1.6		
trans-1,2-Dichloroe	thene	< 6.3	<1.6		
cis-1,2-Dichloroethe	ene	< 6.3	<1.6		
Trichloroethene		3.0	0.56		
Tetrachloroethene		2,400 ve	350 ve		

#### ENVIRONMENTAL CHEMISTS

Client Sample ID: SSDS-8-20231201		Client:		Farallon Consulting, LLC	
Date Received:	ate Received: 12/01/23		Project:		Main Street Place 691-023
Date Collected:	12/01/2	23	Lab	ID:	312001-02 1/17
Date Analyzed:	12/06/2	23	Data	File:	120623.D
Matrix:	Air		Instr	rument:	GCMS7
Units:	ug/m3		Oper	rator:	bat
		0/	Torrow	Ummore	
<b>a</b> .		% D	Lower	Upper	
Surrogates:		Recovery:	Limit:	Limit:	
4-Bromofluorobenzene		102	70	130	
		Concer	ntration		
Compounds:		11g/m3	nnhv		
compoundo.		uginio	ppor		
Vinyl chloride		<4.3	<1.7		
trans-1,2-Dichloroe	thene	<6.7	<1.7		
cis-1,2-Dichloroethe	ene	<6.7	<1.7		
Trichloroethene		2.3	0.42		
Tetrachloroethene		5,500 ve	810 ve		
		- /			

#### ENVIRONMENTAL CHEMISTS

Client Sample ID:	Metho	d Blank	Clie	ent:	Farallon Consulting, LLC
Date Received:	Not Ap	plicable	Pro	ject:	Main Street Place 691-023
Date Collected:	Not Ap	plicable	Lab	DID:	03-2786 MB
Date Analyzed:	12/06/2	23	Dat	a File:	120612.D
Matrix:	Air		Inst	trument:	GCMS7
Units:	ug/m3		Ope	erator:	bat
		%	Lower	Upper	
Surrogates:		Recovery:	Limit:	Limit:	
4-Bromofluorobenzo	ene	87	70	130	
		Conce	ntration		
Compounds:		ug/m3	$\operatorname{ppbv}$		
Vinyl chloride		< 0.26	< 0.1		
trans-1,2-Dichloroe	thene	< 0.4	< 0.1		
cis-1,2-Dichloroethe	ene	< 0.4	< 0.1		
Trichloroethene		< 0.11	< 0.02		
Tetrachloroethene		< 6.8	<1		

#### ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/23 Date Received: 12/01/23 Project: Main Street Place 691-023, F&BI 312001

#### QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF AIR SAMPLES FOR VOLATILES BY METHOD TO-15

Laboratory Code: 312050-01 1/5.5 (Duplicate)

	Reporting	Sample	Duplicate	RPD
Analyte	Units	Result	Result	(Limit 30)
Vinyl chloride	ug/m3	<1.4	<1.4	nm
trans-1,2-Dichloroethene	ug/m3	<2.2	<2.2	nm
cis-1,2-Dichloroethene	ug/m3	<2.2	<2.2	nm
Trichloroethene	ug/m3	< 0.59	< 0.59	nm
Tetrachloroethene	ug/m3	<37	<37	nm

Laboratory Code: Laboratory Control Sample

	I I I		Percent	
	Reporting	Spike	Recovery	Acceptance
Analyte	Units	Level	LCS	Criteria
Vinyl chloride	ug/m3	35	117	70-130
trans-1,2-Dichloroethene	ug/m3	54	98	70-130
cis-1,2-Dichloroethene	ug/m3	54	94	70-130
Trichloroethene	ug/m3	73	119	70-130
Tetrachloroethene	ug/m3	92	117	70-130

#### 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, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. 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 standard reporting limit. 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.

 ${\bf k}-{\bf The}$  calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

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.

 $\rm pc$  - 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.

Fax (206) 283-5044 Rece	Ph. (206) 285-8282	Seattle, WA 98108 Recei	5500 4th Avenue South Relin	Friedman & Bruya, Inc.					/			5505-8-2023/201 02	5405-7-20231201 01	Lab Sample Name ID	SAMPLE INFORMATION		Phone Email 40	City, State, ZIP	Address	Company FARALLON	Report To L. SCHUMACHE	312001
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		5	111	NATUI		$\langle \rangle$	//	11				302	255	Flow Cont. ID			orallon					
		M	٢	RE	IA / SG	5 I A A A	IA / SG	IA / (SG)	IA / (SG)	Reporting Level: IA=Indoor Air SG=Soil Gas (Circle One)		(on)	onsulling	NOTES	11 201	- PROJE	SAMPL	SAMPL				
		5	TOH									12-123	12-1-23	Date Sampled			. C.	TCE, PCE	AVEN	CT NAME	ERS (signo	E CHAIN
		han	N	PRIM								30	30+	Initial Vac. ("Hg)				E A	IE BEL	& ADI	ature)	V OF
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		NG		E								S.	n	Final Vac. ("Hg)				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Φ			DY
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#### ATTACHMENT C SSDS PLAN SHEETS

REMEDIAL INVESTIGATION AND INTERIM ACTION SUMMARY MAIN STREET PLACE 103 110TH AVENUE NORTHEAST BELLEVUE, WASHINGTON

Farallon PN: 691-023

# MAIN STREET PLACE SUBSLAB DEPRESSURIZATION SYSTEM BELLEVUE, WASHINGTON

## DIRECTORY

OWNER:



SSDS SUMP

## **CIVIL ENGINEER** FARALLON CONSULTING, L.L.C. 975 5TH AVENUE NORTHWEST

# DRAWING INDEX

SHEET #	SHEET NAME
EN1.00	COVER, DRAWING INDEX, AND SSDS SUMP
EN2.00	ABBREVIATIONS AND SYMBOLS
EN3.00	SSDS DETAILS

							LT VB LT SS	REVISION/DESCRIPTION BY CKD. APP.
							3/23/23 AS-BL	DATE
	the profile	N OF THE STORE			S/INC L OF	NO TON	A PT day	
PREPARED BY:	FARALLON	Vour Challendes, Our Priority, 1 fazilioneonsulting.com			975 5th Avenue Northwest	Issaquan, Wasnington 96027 (475) 295-0800	farallonconsulting.com	
PREPARED FOR:						HINES IN LEKES IS LIMITED		
SHEET NAME	COVER, DRAWING INDEX, AND	SSUS SUMP LOCATION				103 1101 AVENUE NUR TEAST RELLEVLIE WASHINGTON ORDIA		
F	Knc PROJE POR		At'sb befo	elcore y	ow. ou o DN (	dig. (S,T	⊺,R): 1	
SE	C. 32, JURI FARAI	TWP. SDIC LLON	0F 25N TIO ### I PR 91-(	i, Ri N F # 203	NG. ILE EC <sup>-</sup>	05E NC	e, w. D.: O.:	М.
	E	s EN	не 1 о С	ЕТ f 3	00	C		

LECTRICAL ABBREVIATIONS	STANDARD	ABBREVIATIONS	PIPING, ELECTRICAL	AND EQUIPMENT SYMBOLS	
AMP AMP AC ALTERNATING CURRENT	AF AIR FILTER HDPE HIGH DE AB AGGREGATE BASE HORIZ HORIZON	SITY POLYETHYLENE PRV PRESSURE RELEASE VALVE TAL PSI POUNDS PER SQUARE INCH			
BD BUS DUCT	AC     ASPHALITE CONCRETE     HP     HORSEP       APPROX     APPROXIMATELY     HR     HOUR       AF     AIR FILTER     HS     HOSE	WER/HIGH PRESSURE PSIA POUNDS PER SQUARE INCH, ABSOLUTE PSIG POUNDS PER SQUARE INCH, GAUGE	GATE VALVE	- FEMALE ADAPTER GROUND	
CURRENT B CIRCUIT BREAKER	AS AIR SPARGE HYD HYDRAN BF BLIND FLANGE HOA HAND OI	F AUTOMATIC PV PROCESS VARIABLE		- SILENCER	
C DIRECT CURRENT	BLDG BUILDING ID INSIDE D BOP BOTTOM OF PIPE IN INCHES	AMETER PR PAIR PUE PUBLIC UTILITY EASEMENT		NEEDLE VALVE     HEATER STRIP	
S DISCONNECT P DOUBLE POLE	BV BALL VALVE INV INVERT CAS CENTRAL AREA AIR SPARGE IPS IRON PIF	E SIZE R RADIUS/RISER RC REINFORCED CONCRETE			
G ENCLOSED AND GASKETED	CPLG COUPLING JT JOINT L/CL CENTERLINE JB JUNCTIC	REQ REQUIRED I BOX REF REFERENCE			
H) ELECTRICAL (OVERHEAD) G) ELECTRICAL (UNDERGROUND)	CSVE CENTRAL AREA SOIL VAPOR EXTRACTION KO KNOCK ( CV CONTROL VALVE/CHECK VALVE DC DOUBLE CONTAINED LSHH LEVEL S	JT SCH SCHEDULE /ITCH SDR STANDARD DIMENSION RATIO	SOLENOID VALVE	KILOWATT HOUR METER	
ER EMERGENCY O EMERGENCY POWER OFF T ELECTRICAL METALLIC TUBING	Ø/DIADIAMETERMMOTORDWGDRAWINGMAXMAXIMU	SECT SECTION SHT SHEET		- SAMPLE TAP/MONITORING PORT (M) MOTOR	
P EXPOSED	DP DUAL PHASE MH MANHOL DPI DIFFERENTIAL PRESSURE INDICATOR MJ MECHAN	SPEC SPECIFICATION CALJOINT SQ SQUARE		- HEAT EXCHANGER	
X FLEXIBLE METAL CONDUIT DUAL ELEMENT FUSE	EF     EACH FACE     MINUTE/       EL/ELEV     ELEVATION     MISC     MISCELL       ELEC     ELECTRICAL     MNPT     MALE NA	NEOUS STD STANDARD IONAL PIPE THREAD STL STEEL		PRESSURE RELIEF OR AIR RELIEF	
N GENERATOR	ELB         ELBOW         MP         METER F           EPDM         ETHYLENE PROPYLENE RUBBER         MON.PORT         MONITO           EVICTIVE         EXISTING         MW         MONITO	JMP SBO SUPPLIED BY OWNER ING PORT ST SAMPLE TAP ING WELL STR STRAINER			
C GROUND FAULT INTERRUPTER D GROUND C GALVANIZED RIGID CONDUIT	EXISTING MONITO EXP EXPANSION EW EACH WAY NC NORMAL	SS     STAINLESS STEEL       Y CLOSED     STL       STL     STEEL		PILOT LIGHT, R=RED, W=WHITE, G=GREEN	
A HAND-OFF-AUTO SWITCH	EA EACH NIC NOT IN C FC FAIL CLOSE NO NUMBER	Y OPEN SWE SOIL VAPOR EXTRACTION Y OPEN SW SWITCH		NORMALLY OPEN     SELECTOR SWITCH     AO=AUTO OFE HOA=HAND OFE AUTO	
D INFRARED DETECTOR	FO FAIL OPEN NOT NOT NOT NOT NOT NOT NOT NOT NOT NO	TYP     TYPICAL       CALE     TOC     TOP OF CASING/CURB		- NORMALLY CLOSED $S$ SWITCH, 120-277V, 2-2POLE, 20A	
HORSE POWER CYCLES PER SECOND	FL FLOW LINE ELIMINA FT FOOT OC ON CENT	ON SYSTEM TOW TOP OF WALL	BLIND FLANGE	- CONDUIT RUN EXPOSED	2 S S
JUNCTION BOX	FUT FUTURE OD OUTSIDE FIN GR FINISHED GRADE OD OUTSIDE FE FLANGED END OSHA OCCUPA	DIAMETER UBC UNIFORM BUILDING CODE IONAL SAFETY AND UGPS UNDERGROUND PULL SECTION			PR
C LIQUID TIGHT FLEXIBLE METAL CONDUIT	FNPT FEMALE NATIONAL PIPE THREAD OVHD OVERHE	DMINISTRATION UTIL UTILITY D V VALVE/VENT/VOLTS			A CARES
MOTOR/MOTOR STARTER COIL C MOTOR CONTROL CENTER	GAC GRANULAR ACTIVATED CARBON #/LB POUND GALV GALVANIZED PB PULL BC	VAC VACUUM VAR VARIES/VARIABLE VERT VERTICAL			
P MOTOR CIRCUIT PROTECTOR	GR GRADE PBF PROVIDE	D CEMENT VRV VACUUM RELIEF VALVE	BLOWER OR FAN	WP-WEATHER PROOF	NC
NORMALLY CLOSED C NATIONAL ELECTRIC CODE A NATIONAL ELECTRICAL	GND GROUND PG PRESSU GSKT GASKET PL PROPER	W/     WITH       Y LINE/PIPE LINE     W/O	CENTRIFUGAL PUMP	ELAPSED TIME METER	LLC
MANUFACTURERS ASSOCIATION NON-FUSED	GWGROUNDWATERPOPUMP OFGVGATE VALVEPPRESSU	E		FUSE 120/208V PANEL	ED E
OVERLOADS				277/480V PANEL	TAIL PAR
				FUSED DISCONNECT *HIGH LIGHT STANDARD	PRE
POWER FACTOR PILOT LIGHT PROGRAMMABLE LOGIC CONTROLLER	STANDARD SYMBOLS	GENERAL NOTES		$\land$	
			AF FILTER	CAMLOCK CONNECTION	
T RECEPTACLE		1. READ ALL NOTES AND REVIEW ENTIRE PLAN SET PRIOR TO COMMENCEMENT OF	Ø DIAMETER	VERTICAL PIPERUN	
SOLID NEUTRAL SINGLE POLE SINGLE THROW		2. ESTABLISH EXACT PROJECT BOUNDARIES PRIOR TO COMMENCEMENT OF WORK,     AND RECONFIRM BOUNDARY LINES WHEN COORDINATING WITH NEIGHBORING			OR:
/ SWITCH		PROPERTY OWNERS. 3. VERIFY SITE CONTROL POINTS PROVIDED ON PLANS, VERIFY DIMENSIONS AND			Ц Ц
AN TRANSFORMER UNDERFLOOR	SITE BOUNDARY	ORIENTATION PRIOR TO STAKING OF SITE POINTS. 4 A COPY OF THE PROJECT DESIGN DRAWINGS AND SPECIFICATIONS SHALL BE	INSTRUMENTATIO	ON ABBREVIATIONS AND SYMBOLS	PARI
		MAINTAINED ON THE JOB SITE AT ALL TIMES. 5. COPIES OF ALL PERMITS SHALL BE MAINTAINED ON THE JOB SITE AT ALL TIMES.			PRE
VOLTS VARIABLE FREQUENCY DRIVE VAPOR PROOF	DISCRETE SOIL GAS MONITORING POINT     SSDS SUMP	THE CONTRACTOR SHALL COMPLY WITH ALL PERMIT REQUIREMENTS. 6. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL LOCATIONS,	INSTRUMENT LEGEND	INSTRUMENT SYMBOLS	
		DIMENSIONS AND QUANTITIES. 7. UTILITIES SHOWN IN THIS DRAWING SET ARE BASED ON INFORMATION PROVIDED	FIRST LETTER SUCCEEDING LETTERS	SYMBOL DESCRIPTION	
EXPLOSION PROOF		BY OTHERS. INFORMATION SHOWN SHALL BE CONSIDERED APPROXIMATE AND INCOMPLETE. CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO			
		COMMENCEMENT OF WORK ACTIVITIES. 8. THE CONTRACTOR SHALL HAVE A PRIVATE UTILITY LOCATE SERVICE VERIFY ALL			လ
		UTILITIES AND/OR OTHERWISE FIELD VERIFY EXACT LOCATIONS AND MARK THEIR LOCATIONS ON THE GROUND PRIOR TO STARTING CONSTRUCTION. FARALLON		M MOTOR	BOL
FXIS	STING TOPOGRAPHIC LEGEND	SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT IS FOUND BETWEEN EXISTING UTILITIES AND THE PROJECT DESIGN.	B BURNER C CONDUCTIVITY CONTROL		MX
		9. ENGINEER SHALL BE NOTIFIED OF DISCREPANCIES BETWEEN CONTRACT DRAWINGS AND ACTUAL SITE CONDITIONS.	D DENSITY DIFFERENTIAL E POTENTIAL (VOLTS) PRIMARY ELEMENT	HOA HAND-OFF-AUTO SELECTOR SWITCH	ND (
AREA DRAIN FOMI	H FIBER OPTIC MANHOLE SD SERVICE DRAIN (STORM)	10. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR THE JOB SITE CONDITIONS AND ENSURE THE SAFETY OF ALL PERSONS AND PROPERTY FOR THE DURATION OF	F     FLOW RATE     RATIO (FRACTION)       G     FIRE ALARM     GLASS (SIGHT GAUGE)		it Na S Al
ASPHALT (ASPH) FFE BOLLARD GB	FINISH FLOOR ELEVATION CO CLEANOUT GRADE BREAK SSS SANITARY SIDE SEWER (REC	UTILITIES, AND PAVING FROM DAMAGE, DIRECT OR INDIRECT, RESULTING FROM	I CURRENT (AMPERES) INDICATE	LOCALLY MOUNTED	Shee
- BUILDING LINE GM	GAS MAIN GAS METER GAS VALVE SIGN/STREET NAME SIGN TC/SL TC/SL TRAFFIC CONTROL/STREET L	OF ON-SITE ACTIVITIES AND NOT BE LIMITED TO NORMAL WORKING HOURS.	K TIME L LEVEL LEAK, LOW		
BUILDING CORNER GV BUILDING ENTRANCE GV BIKE RACK	GAS VAULT GUY ANCHOR GUY ANCHOR G	TRSCC) DEBRIS, DIRT, AND OTHER PROJECT RELATED ITEMS. SWEEP AS NEEDED TO MEET PROJECT REQUIREMENTS, COORDINATE WITH OWNER AND PIERCE COUNTY ALL	M MOISTURE/HUMIDITY LIGHT (PILOT) N EQUIPMENT STATUS	CONTROL PANEL	<b>RE</b>
CANOPY O G	HANDRAIL TCD TELEPHONE CONDUIT (BURIE GP GUY POLE TD TELEPHONE DUCT	DISRUPTIONS TO SERVICES. REPAIR ALL DAMAGE TO MATCH EXISTING CONDITIONS.	P PRESSURE/VACUUM POINT (TEST CONNECTION) Q QUANTITY INTEGRATE (TOTALIZE)	MOUNTED INSTRUMENT	ABE
CATCH BASIN (CB)	F     STRAIN POLE     TV     TELEPHONE VAULT       CB     IRRIGATION CONTROL BOX     TMH     TELEPHONE MANHOLE       V     IRRIGATION VALVE     TS     TELEPHONE SENTRY	12. GENERAL CONTRACTOR AND, IF SUBCONTRACTED, THE EARTHWORK SUBCONTRACTOR ARE RESPONSIBLE FOR ANY EARTHWORK QUANTITY ESTIMATES	S SPEED SWITCH T TEMPERATURE TRANSMIT		
CONCRETE SURFACE	IRON FENCE (WIF) INVERT ELEVATION INVERT ELEVATION INVERT ELEVATION	13. ON-SITE SOILS MAY ONLY BE USED IN ACCORDANCE WITH PROJECT REQUIREMENTS AND SUBJECT TO APPROVAL OF PROPER COMPLIANCE BY THE	U MULTIVARIABLE MULTIFUNCTION V VIBRATION/VOLUME VALVE/DAMPER		
CONCRETE/BRICK WALK	LIGHT POLE (METAL)     WV     WATER VAULT        LIGHT POLE (WOOD)     W     WATER MAIN       LIGHT POLE (DECORATIVE)     WM     WATER METER	PROJECT ENGINEER. 14. REVIEW AND PROPERLY COORDINATE ALL WORK OF ALL DISCIPLINES PRIOR TO	W WEIGHT/FORCE/TORQUE X UNCLASSIFIED UNCLASSIFIED		
CONCRETE/EXTRUDED CURB	MANHOLE     Matter Valve       Manhole     Aluminum Panel Fence	CONSTRUCTION, INCLUDING, BUT NOT LIMITED TO, IRRIGATION LINES, SLEEVES, AND UTILITY CONDUITS.	Y RELAY/COMPUTE Z POSITION DRIVE/ACTUATE	-10 PLC SHUTDOWN ALARM	
CABLE TV OHP/C COLUMN OHG/C	OVERHEAD POWER/TELEPHONE OVERHEAD GUYWIRE/BUS (TROLLEY)	15. ALL EXCAVATIONS SHALL BE PERFORMED IN STRICT ACCORDANCE WITH APPLICABLE U.S. DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH			Knov C
CENTERLINE/MONUMENT LINE P.S. CONCRETE/WOOD STAIRS	PARKING SPACE(S)	ADMINISTRATION (OSHA) AND THE WASHINGTON INDUSTRIAL SAFETY AND HEALTH ACT (WISHA) REGULATIONS. THE CONTRACTOR ASSUMES FULL RESPONSIBILITY			PROJEC
CORRUGATED METAL PIPE R CENTER OF CHANNEL (P)	PROPERTY LINE (PL) PAINTED UTILITY LOCATION PIPE FLOW DIRECTION	FOR THE SAFETY OF ALL CONSTRUCTION OPERATIONS. 16. NO TRENCHES SHALL BE LEFT OPEN WHEN WORK IS NOT IN PROGRESS. ALL OPEN			PORT SEC. 32. T
ELECTRICAL CONDUIT PE ELECTRICAL DUCT PPS	POLYETHYLENE PARKING PAY STATION	EXCAVATIONS SHALL BE SECURELY FENCED AND COVERED IF SO REQUIRED. 17. THE CONTRACTOR SHALL DISPOSE OF MATERIALS REMOVED FROM THIS SITE AT			JURIS
ELECTRICAL HANDHOLE & S/PS/PS	POST INDICATOR VALVE SS COMBINED/SANITARY SEWER	APPROPRIATE AND PERMITTED RECEIVING FACILITIES. 18. CONFIRM ALL UTILITY ALIGNMENTS AND CROSSINGS PRIOR TO ORDERING			FARAL
ELECTRICAL METER PSD ELECTRICAL VAULT/TRANSFORMER	PRIVATE CATCH BASIN	MATERIALS AND PRIOR TO STAKING. 19. UPON COMPLETION OF SITE WORK. CLEAN ALL SITE SURFACES (PAVEMENTS)			
FOUND SURVEY MONUMENT (AS (R) (R)	GRAVEL SURFACE	CURBS, STAIRS, WALKS, ETC.). 20. ROUTE DISCHARGE PIPING IN ACCORDANCE WITH ASTM F2121-13 SECTION 7.3.2.9			



### NOTES:

PIPE RUN INSTALLATION:

1. ALL HORIZONTAL PIPE RUNS SLOPE TOWARDS THE SSDS SUMP.

### LABELING - PIPE AND EQUIPMENT:

2. RADON FAN. LABELED TO READ: "CAUTION - THIS IS A COMPONENT OF A SUBSLAB DEPRESSURIZATION SYSTEM. DO NOT ALTER OR DISCONNECT."

- 3. RADON FAN CIRCUIT BREAKER. LABELED: "SUBSLAB DEPRESSURIZATION FAN CIRCUIT. DO NOT TURN OFF."
- 4. RADON FAN CIRCUIT BREAKER LABELED: "SSDS-1, SSDS-2, SSDS-3, SSDS-4, SSDS-5, SSDS-6" LABELS CREATED BY A LABEL MAKER RADON EXHAUST PIPE:
- 1. SUBSLAB DEPRESSURIZATION SYSTEM PIPE IS SCHEDULE 40 PVC.
- 2. PIPE FITTINGS ARE SOLVENT WELD PVC.
- 3. PIPING AND ASSOCIATED FITTINGS AND SUPPORTS ARE PAINTED TO MATCH SURROUNDINGS.

ELECTRICAL:

1. INSTALLED CONDUIT AND INDIVIDUAL SWITCHES FOR EACH FAN

## FAN SCHEDULE

TAG	SERVES	TYPE	DRIVE	MAX AIRFLOW	MAX PRESSURE	VOLTS	WATTS	MAX AMPS	SPEED	DUCT CONNECTIONS	MANUFACTURER	MODEL
F-1	SUBSLAB DEPRESSURIZATION	INLINE	DIRECT	241 CFM	4.2 IOW	115V, 60 Hz	310 W	2.72 A	2750 RPM	3-INCH	FESTA	EAGLE



MONITORING POINT, TYPICAL



# MAIN STREET PLACE SUBSLAB DEPRESSURIZATION SYSTEM BELLEVUE, WASHINGTON

## DIRECTORY



POWER POLE

ENVIRONMENTAL ENGINEER FARALLON CONSULTING, L.L.C.

# DRAWING INDEX

			VB LT SS	RB LT SS	VB LT SS	BY CKD. APP.			
		AS-BUILT DRAWINGS	ISSUED FOR CONSTRUCTION	ISSUED FOR REVIEW	PRELIMINARY DRAWINGS	REVISION/DESCRIPTION			
		1/9/2024	8/22/2023	7/21/2023	5/18/2023	DATE			
A A A A S C A A A A A A A A A A A A A A	THE STON		SAN	NOT NOT	A P I O J J				
PREPARED BY: HARALLON	Your Challenges. Our Phonty, 1 farallonconsulting.com		975 5th Avenue Northwest	Issaquari, vvasriirigion 90027 (425) 295-0800	farallonconsulting.com				
PREPARED FOR:									
COVER, DRAWING INDEX, AND									
Kno PROJE	W what's Callberge CT LOC/		W. ou o	dig. (S,T	-,R):				
PORTION OF THE NE 1/4 OF SEC. 32, TWP. 25N, RNG. 05E, W.M. JURISDICTION FILE NO.: #### FARALLON PROJECT NO.: 691-023 SHEET									
	091-	023							
### ELECTDICAL ABBDEV/IATIONS

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ELECT	<b>FRICAL ABBREVIATIONS</b>		STA	ANDARD ABBREVIATIONS		PIPING, ELECTRICAL AND EQUI			
A/AMPAMPACALTERNATING CURRENTBDBUS DUCTCCURRENTCBCIRCUIT BREAKERCLGCEILINGDCDIRECT CURRENTDISDISCONNECTDPDOUBLE POLEDTDOUBLE THROWEGENCLOSED AND GASHE(OH)ELECTRICAL (OVERHEE(UG)ELECTRICAL (UNDERGEMEREMERGENCYEPOEMERGENCY POWEREMTELECTRICAL METALLIEXPEXPOSEDFBOFURNISHED BY OTHEFLEXFLEXIBLE METAL CONFRNDUAL ELEMENT FUSEGENGENERATORGFICGROUND FAULT INTELGNDGROUNDGRCGALVANIZED RIGID COHOAHAND-OFF-AUTO SWITIRDINFRARED DETECTORHPHORSE POWERHZCYCLES PER SECONEJBJUNCTION BOXLFMCLIQUID TIGHT FLEXIBLMMOTOR/MOTOR STARMCCMOTOR CONTROL CE	AMP ALTERNATING CURRENT BUS DUCT CURRENT CIRCUIT BREAKER CEILING DIRECT CURRENT DISCONNECT DOUBLE POLE DOUBLE THROW ENCLOSED AND GASKETED ELECTRICAL (OVERHEAD) ELECTRICAL (OVERHEAD) ELECTRICAL (UNDERGROUND) EMERGENCY EMERGENCY POWER OFF ELECTRICAL (UNDERGROUND) EMERGENCY EMERGENCY POWER OFF ELECTRICAL METALLIC TUBING EXPOSED FURNISHED BY OTHERS FLEXIBLE METAL CONDUIT DUAL ELEMENT FUSE GENERATOR GROUND FAULT INTERRUPTER GROUND FAULT INTERRUPTER GROUND FAULT INTERRUPTER GROUND FAULT SWITCH INFRARED DETECTOR HORSE POWER CYCLES PER SECOND JUNCTION BOX LIQUID TIGHT FLEXIBLE METAL CONDUIT MOTOR/MOTOR STARTER COIL MOTOR/MOTOR STARTER COIL MOTOR CONTROL CENTER MOTOR CIRCUIT PROTECTOR	AF       AIR FILTER         AB       AGGREGATE BASE         AC       ASPHALTIC CONCRETE         APPROX       APPROXIMATELY         AF       AIR FILTER         AS       AIR SPARGE         BF       BLIND FLANGE         B.G.S.       BELOW GROUND SURFACE         BLDG       BUILDING         BOP       BOTTOM OF PIPE         BV       BALL VALVE         CAS       CENTRAL AREA AIR SPARGE         CONC       CONCRETE         CPLG       COUPLING         C'L/CL       CENTERLINE         CSVE       CENTRAL AREA SOIL VAPOR EXTRAC         CV       CONTROL VALVE/CHECK VALVE         DC       DOUBLE CONTAINED         Ø/DIA       DIAMETER         DWG       DRAWING         DP       DUAL PHASE         DPI       DIFFERENTIAL PRESSURE INDICATOF         EF       EACH FACE         EL/ELEV       ELECTRICAL         ELB       ELBOW         EPDM       ETHYLENE PROPYLENE RUBBER         EXISTING       EXP         EXP       EXPANSION         EW       EACH         FC       FAIL OLOSE	HDPE HORIZ HP HR HS HYD HOA ID IN INV IPS JT JB TION KO LSHH M MAX MH MIN MIN MIN MIN MIN MIN MIN MIN MIN MIN	HIGH DENSITY POLYETHYLENE HORIZONTAL HORSEPOWER/HIGH PRESSURE HOUR HOSE HYDRANT HAND OFF AUTOMATIC INSIDE DIAMETER INCHES INVERT IRON PIPE SIZE JOINT JUNCTION BOX KNOCK OUT LEVEL SWITCH MOTOR MAXIMUM MANHOLE MECHANICAL JOINT MINUTE/MINIMUM MISCELLANEOUS MALE NATIONAL PIPE THREAD METER PUMP MONITORING PORT MONITORING PORT MONITORING WELL NORMALLY CLOSED NOT IN CONTRACT NORMALLY OPEN NUMBER NEW NOT TO SCALE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM ON CENTER OCUPATIONAL SAFETY AND HEALTH ADMINISTRATION OVERHEAD POUND PULL BOX PROVIDED BY FARALLON PORTLAND CEMENT	PRV PSI PSIA PSIG PTW PVC PV PR PUE R RC REF SCH SDR SECT SHT SPEC SQ STA STD STL SBO ST STR SS STL SBO ST STR SS STL SW VPV UBC VC PV PV PV PV PV PV PV PV PV PV PV PV PV	PRESSURE RELEASE VALVE POUNDS PER SQUARE INCH, ABSOLUTE POUNDS PER SQUARE INCH, ABSOLUTE POUNDS PER SQUARE INCH, GAUGE PRESSURE TREATMENT POLYVINYL CHLORIDE PROCESS VARIABLE PAIR PUBLIC UTILITY EASEMENT RADIUS/RISER REINFORCED CONCRETE REQUIRED REFERENCE SCHEDULE STANDARD DIMENSION RATIO SECTION SHEET SPECIFICATION SQUARE STANDARD STELL SUPPLIED BY OWNER SAMPLE TAP STRAINER STAINLESS STEEL STEEL SUPPLIED BY OWNER SAMPLE TAP STRAINER STAINLESS STEEL STEEL SOL VAPOR EXTRACTION SWITCH TYPICAL TOP OF CASING/CURB TOP OF STEEL TOP OF STEEL TOP OF STEEL SOL VAPOR EXTRACTION SWITCH VALVE/VENT/VOLTS VACUUM VARIES/VARIABLE VAPOR VAPOR	GATE VALVE GATE VALVE GLOBE VA		
NEC NEMA NF	NATIONAL ELECTRIC CODE NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION NON-FUSED NORMALLY OPEN	GND GROUND GSKT GASKET GW GROUNDWATER GV GATE VALVE	PG PL PO P	PRESSURE GAS PROPERTY LINE/PIPE LINE PUMP OUT PRESSURE	W/ W/O WS	WITH WITHOUT WATER SURFACE/WATER STOP	CENTRIFUGAL PUMP	ETM	ELAPSED TIM FUSE
OL	OVERLOADS								FUSED DISCO
PBS PF PL PLC	POSHBUTTON POWER FACTOR PILOT LIGHT PROGRAMMABLE LOGIC CONTROLLER	STANDARD SYMBO	OLS			GENERAL NOTES			CAMLOCK CO
RC RCPT	RIGID CONDUIT RECEPTACLE			1. READ ALL	NOTES AND F	REVIEW ENTIRE PLAN SET PRIOR TO COMMENCEMENT OF	Ø DIAMETER	•	VERTICAL PIP
SN SP ST SW	SOLID NEUTRAL SINGLE POLE SINGLE THROW SWITCH	DETAIL OR SECTION NUMBER N3.00 DETAIL SHEET NUMBER		WORK AC 2. ESTABLIS AND RECO	TIVITIES. H EXACT PRO ONFIRM BOUN	JECT BOUNDARIES PRIOR TO COMMENCEMENT OF WORK, DARY LINES WHEN COORDINATING WITH NEIGHBORING			
TF/TRAN UF UG	TRANSFORMER UNDERFLOOR UNDERGROUND	DISCREET SOIL GAS MONITORING POIN     SUBSLAB DEPRESSURIZATION SYSTEM	NT 1 SUMP	POINTS PROVIDED ON PLANS. VERIFY DIMENSIONS AND STAKING OF SITE POINTS. CT DESIGN DRAWINGS AND SPECIFICATIONS SHALL BE	INSTRUMENTATION ABBREV				
V VFD	VOLTS VARIABLE FREQUENCY DRIVE VAPOR PROOF	<ul> <li>"RIGID" POWER DROP</li> <li>"FLEX" POWER DROP</li> </ul>		5. COPIES O THE CONT	F ALL PERMIT	S SHALL BE MAINTAINED ON THE JOB SITE AT ALL TIMES. LL COMPLY WITH ALL PERMIT REQUIREMENTS.	INSTRUMENT LEGEND		
WHT WP XP	WHITE WEATHER PROOF EXPLOSION PROOF	<ul> <li>"FUTURE" POWER DROP</li> <li>POWER POLE</li> </ul>	FIRST LETTER SUCCEEDING LETTERS INITIATING VARIABLE OUTPUT FUNCTIONS						

### EXISTING TOPOGRAPHIC LEGEND

$\oplus$	AREA DRAIN	FOMH	FIBER OPTIC MANHOLE	SD	SERVICE DRAIN (STORM)
	ASPHALT (ASPH)	FFE	FINISH FLOOR ELEVATION	CO STM ///	CLEANOUT
		GB	GRADE BREAK	222	SANITARY SIDE SEWER (RECORD)
	BOLLARD	G	GAS MAIN	Ϋ́	SIGN /STREET NAME SIGN
	BUILDING LINE	GM	GAS METER		
BC	BUILDING CORNER	Ø	GAS VALVE	TC/SL	HANDHOLE
BE	BUILDING ENTRANCE	GV	GAS VAULT		TRAFFIC CONTROL CABINET (TRSCC)
BR	BIKE RACK	)—	GUY ANCHOR	TCHD	TRENCH DRAIN
$\mathbf{x} \times \mathbf{x} \times \mathbf{x}$			HANDRAIL	TCD	TELEPHONE CONDUIT (BURIED)
	CANOPY	O GP	GUY POLE	TD	TELEPHONE DUCT
		∆ SP	STRAIN POLE	TV	TELEPHONE VAULT
	CATCH BASIN (CB)	☆ ICB	IRRIGATION CONTROL BOX	ТМН	TELEPHONE MANHOLE
		$\bowtie$ $\lor$	IRRIGATION VALVE	TS	TELEPHONE SENTRY
1.1.1.1.1.4.1.1.1			IRON FENCE (WIF)		
	CONCRETE SURFACE	IE	INVERT ELEVATION		TRAFFIC FLOW DIRECTION
	CONCRETE (DRICK WALK	0	LIGHT POLE (METAL)	WV	WATER VAULT
	CONCRETE/BRICK WALK	0	LIGHT POLE (WOOD)	W	WATER MAIN
	CONCRETE/WOOD RETAINING WALL	Ţ,	LIGHT POLE (DECORATIVE)	WM	WATER METER
	CONCRETE/EXTRUDED CURD	$(\circ)$ $(\circ)$	MANHOLE	$\bowtie$	WATER VALVE
CF/IF	CUNCRETE/IRON FIFE	MW	MONITOR WELL		ALUMINUM PANEL FENCE
	CARLE TV		OVERHEAD POWER / TELEPHONE		
			OVERHEAD GUYWIRE /BUS (TROLLEY)		
C /M	CENTERLINE /MONILMENT LINE	PS	PARKING SPACE(S)		
	CONCRETE /WOOD STAIRS	Α.	PILING		
CMP	CORPLICATED METAL PIPE	R	PROPERTY LINE (PL)		
	CENTER OF CHANNEL	(P)	PAINTED UTILITY LOCATION		
DWY	DRIVEWAY	$\Rightarrow$	PIPE FLOW DIRECTION		
FCD	FLECTRICAL CONDULT	PE	POLYETHYLENE		
FD	FLECTRICAL DUCT	PPS	PARKING PAY STATION		
EHH	ELECTRICAL HANDHOLF	$\otimes$	POST INDICATOR VALVE		
EMH	ELECTRICAL MANHOLE	PS/PSS	COMBINED/SANITARY SEWER		
EM	ELECTRICAL METER	PSD	STORM DRAIN		
EV/ET	ELECTRICAL VAULT/TRANSFORMER	[+]	PRIVATE CATCH BASIN		
	FOUND SURVEY MONUMENT (AS NOTED)	(R)	RECORD DATA		
ď	FIRE HYDRANT		GRAVEL SURFACE		
~	FIRE DEPT. CONNECTION (FDC)	SCLHH	SEATTLE CITY LIGHT HANDHOLF		
FO	FIBER OPTICS	001			

BY OTHERS. INFORMATION SHOWN SHALL BE CONSIDERED APPROXIMATE AND INCOMPLETE. CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO COMMENCEMENT OF WORK ACTIVITIES.

8. THE CONTRACTOR SHALL HAVE A PRIVATE UTILITY LOCATE SERVICE VERIFY ALL UTILITIES AND/OR OTHERWISE FIELD VERIFY EXACT LOCATIONS AND MARK THEIR LOCATIONS ON THE GROUND PRIOR TO STARTING CONSTRUCTION. FARALLON SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT IS FOUND BETWEEN EXISTING UTILITIES AND THE PROJECT DESIGN.

9. ENGINEER SHALL BE NOTIFIED OF DISCREPANCIES BETWEEN CONTRACT DRAWINGS AND ACTUAL SITE CONDITIONS.

10. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR THE JOB SITE CONDITIONS AND ENSURE THE SAFETY OF ALL PERSONS AND PROPERTY FOR THE DURATION OF ON-SITE PROJECT WORK. THE CONTRACTOR SHALL PROTECT STRUCTURES, UTILITIES, AND PAVING FROM DAMAGE, DIRECT OR INDIRECT, RESULTING FROM THE WORK. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY OVER THE DURATION OF ON-SITE ACTIVITIES AND NOT BE LIMITED TO NORMAL WORKING HOURS.

11. MAINTAIN FULL OPERATION OF PUBLIC ROADWAYS. KEEP CLEAN AND FREE OF DEBRIS, DIRT, AND OTHER PROJECT RELATED ITEMS. SWEEP AS NEEDED TO MEET PROJECT REQUIREMENTS. COORDINATE WITH OWNER AND PIERCE COUNTY ALL DISRUPTIONS TO SERVICES. REPAIR ALL DAMAGE TO MATCH EXISTING CONDITIONS.

12. GENERAL CONTRACTOR AND, IF SUBCONTRACTED, THE EARTHWORK SUBCONTRACTOR ARE RESPONSIBLE FOR ANY EARTHWORK QUANTITY ESTIMATES. 13. ON-SITE SOILS MAY ONLY BE USED IN ACCORDANCE WITH PROJECT REQUIREMENTS AND SUBJECT TO APPROVAL OF PROPER COMPLIANCE BY THE PROJECT ENGINEER.

14. REVIEW AND PROPERLY COORDINATE ALL WORK OF ALL DISCIPLINES PRIOR TO CONSTRUCTION, INCLUDING, BUT NOT LIMITED TO, IRRIGATION LINES, SLEEVES, AND UTILITY CONDUITS.

15. ALL EXCAVATIONS SHALL BE PERFORMED IN STRICT ACCORDANCE WITH APPLICABLE U.S. DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) AND THE WASHINGTON INDUSTRIAL SAFETY AND HEALTH ACT (WISHA) REGULATIONS. THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR THE SAFETY OF ALL CONSTRUCTION OPERATIONS.

16. NO TRENCHES SHALL BE LEFT OPEN WHEN WORK IS NOT IN PROGRESS. ALL OPEN EXCAVATIONS SHALL BE SECURELY FENCED AND COVERED IF SO REQUIRED. 17. THE CONTRACTOR SHALL DISPOSE OF MATERIALS REMOVED FROM THIS SITE AT APPROPRIATE AND PERMITTED RECEIVING FACILITIES.

18. CONFIRM ALL UTILITY ALIGNMENTS AND CROSSINGS PRIOR TO ORDERING MATERIALS AND PRIOR TO STAKING.

19. UPON COMPLETION OF SITE WORK, CLEAN ALL SITE SURFACES (PAVEMENTS, CURBS, STAIRS, WALKS, ETC.).

## F\

- A ANALYSIS BURNER В
- CONDUCTIVITY С
- D DENSITY POTENTIAL (VOLTS)
- FLOW RATE F
- G FIRE ALARM HAND (MANUALLY) н
- CURRENT (AMPERES)
- POWER J TIME
- K LEVEL L
- MOISTURE/HUMIDITY М
- EQUIPMENT STATUS Ν Р PRESSURE/VACUUM
- Q QUANTITY
- SPEED S
- TEMPERATURE MULTIVARIABLE U
- VIBRATION/VOLUME V
- W WEIGHT/FORCE/TORQUE UNCLASSIFIED Х
- Z POSITION

CONTROL DIFFERENTIAL

ALARM

PRIMARY ELEMENT RATIO (FRACTION) GLASS (SIGHT GAUGE) HIGH INDICATE

LEAK, LOW LIGHT (PILOT)

POINT (TEST CONNECTION) INTEGRATE (TOTALIZE) RECORD/PRINT SWITCH TRANSMIT MULTIFUNCTION VALVE/DAMPER

UNCLASSIFIED RELAY/COMPUTE DRIVE/ACTUATE

				SS SS SS G
				КD. А
UIPMENT SYMBOL	S			RBY         L           BY         C
ADAPTER	<u> </u>	GROUND		
۲		GROUND ROD (3/4" COPPER WELD)		
VALVE		HEATER STRIP		
TER	$\overline{\left( \begin{array}{c} J \end{array} \right)}$	JUNCTION BOX, PB-PULLBOX		SCRIP
3	KWH			SION/DE
TAP/MONITORING PORT		KILOWATT HOUR METER		s RUCTION NGS REVIS
CHANGER	Ĺ	MOTOR		AWINGS CONSTF REVIEW Y DRAW
RE RELIEF OR AIR RELIEF	Y	MOTOR OVERLOAD		-BUILT DR UED FOR UED FOR ELIMINARY
RELIEF		NON-FUSABLE DISCONNECT SWITCH		24 AS 23 ISS 23 ISS 23 ISS 23 PR E
		PILOT LIGHT, R=RED, W=WHITE, G=GREEN		1/9/20 8/22/20 7/21/20 5/18/20 DATI
LY OPEN	$\oslash$	SELECTOR SWITCH AO=AUTO OFF, HOA=HAND OFF AUTO	* NN	E.E. SX
LY CLOSED	S	SWITCH, 120-277V, 2-2POLE, 20A		F WASHINGTON
RUN EXPOSED	T	THERMOSTAT		
NDUIT RUN UNDERGROUNI	D (TD)	TIME DELAY RELAY, CR=CONTROL RELAY	Paor	49307 G/STERED
IC STARTER	$\sim$	TRANSFORMER	\$\$\$\$	ONALEND
RECEPTICAL, 15A; THER PROOF	•	UNDERGROUND PULLBOX	<b>N</b>	що·f
TIME METER	W.P.	WEATHER PROTECTED	,LO SULT	Ionconsulting 98027 com
		120/208V PANEL		onity.   faral e North ington i-0800 J.1ing.c
		277/480V PANEL	PARI	Avenue Avenue Washi 15) 295 1consu
ISCONNECT		*HIGH LIGHT STANDARD	PRE	<sup>vour Challe</sup> 5 5th / aquah, (42 faralloi
REVIATIONS AND S	YMBOLS		EPARED FOR:	INTERESTS LIMIT PARTNERSHIP
	INSTR	UMENT SYMBOLS	PRE	HINES
	SYMBOL	DESCRIPTION		
	M	MOTOR	MBOLS	AST 004
	HOA	HAND-OFF-AUTO SELECTOR SWITCH	Name AND SY	JE NORTHE, HINGTON 98
		LOCALLY MOUNTED INSTRUMENT	Sheet	10TH AVENU EVUE, WASI
		CONTROL PANEL MOUNTED INSTRUMENT	ABBREV	103 1 BELL
		INTERLOCK		
	-10	PLC SHUTDOWN ALARM	Know w Ca PROJECT PORTIO	hat'sbelow. Ilbefore you dig. LOCATION (S,T,R):
			SEC. 32, TWF	OF P. 25N, RNG. 05E, W.M. CTION FILE NO.: ####
			FARALLO	N PROJECT NO.:
			FARALLC	N PROJECT NO.: 691-023 SHEET 2 of 3



### LABELING - PIPE AND EQUIPMENT:

- 1. PVC PIPE AND SUPPORTS WERE PAINTED TO MATCH EXISTING BACKGROUND.
- 2. RADON FAN. LABEL READS: "CAUTION THIS IS A COMPONENT OF A SUBSLAB
- 3. RADON FAN CIRCUIT BREAKER. LABEL READS: "SUBSLAB DEPRESSURIZATION FAN

### RADON EXHAUST PIPE:

- SUBSLAB DEPRESSURIZATION SYSTEM PIPE TO BE SCHEDULE 40 PVC.
- 2. PIPE FITTINGS TO BE SOLVENT WELD PVC.
- 3. PIPING AND ASSOCIATED FITTINGS AND SUPPORTS TO BE PAINTED TO MATCH

### ELECTRICAL:

- INSTALLED CONDUIT AND INDIVIDUAL SWITCHES FOR EACH FAN.
- A SINGLE ROOF PENETRATION WAS REQUIRED FOR THE ELECTRICAL CONDUIT. 3. INDOOR CONDUIT AND ASSOCIATED FITTINGS AND SUPPORTS WERE PAINTED TO
- MATCH SURROUNDINGS.

# FAN SCHEDULE

TAG	SERVES	TYPE	DRIVE	MAX AIRFLOW	MAX PRESSURE	VOLTS	WATTS	MAX AMPS	SPEED	DUCT CONNECTIONS	MANUFACTURER	MODEL
F-1	SUBSLAB DEPRESSURIZATION	INLINE	DIRECT	241 CFM	4.2 IOW	115V, 60 Hz	310 W	2.72 A	2750 RPM	3-INCH	FESTA	EAGLE

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